

User Guide

BCS

API

CERTIFICATION

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CC&G

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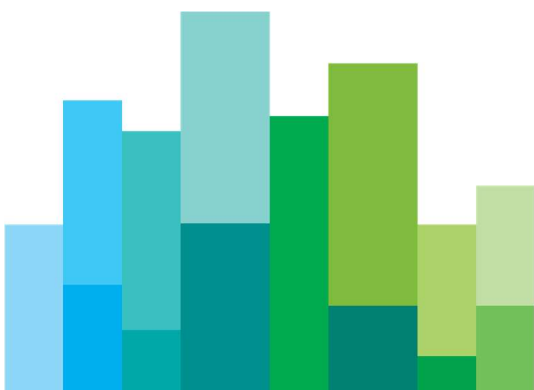
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Revision History

Date	Version	Description	Author
June 2015	1.0	First release	Borsa Italiana
April 2016	2.0	Relevant contacts update and test cases review	Borsa Italiana
July 2017	3.0	New test cases added and certification policy updated	Borsa Italiana
April 2021	3.1	Euronext rebranding	Borsa Italiana



1 INTRODUCTION



1.1 Purpose

The purpose of this document is to provide customers with a detailed overview of the BCS Certification Process.

1.2 Readership

This document is relevant to any customer interested in updating its API application with new functionalities.

1.3 Document Series

This document is part of a series dealing with BCS API development, the full range is listed below:

- Access Configuration Guide
- API Programmers Manual
- API DataLayouts

available at the following link:

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

1.4 Enquiries

Please contact Client Technology Services if you have any functional queries about the New BCS Clearing service outlined in this document. Client Technology Services Italy can be contacted at:

- Market Access

Email: **market-access@borsaitaliana.it**

- Client Relationship Management:

Email: **clients-services@borsaitaliana.it**

2 SERVICE OVERVIEW



Customers will be required to certify their software applications prior to accessing the production environment.

The Certification Service provides a complete set of test cases in order to support a wide range of customer scenario.

Before proceeding with the Certification, the customer has to identify the execution test cases scenario and mark these as supported in the Certification Test Report.

Each customer should check internally the test cases to run according with the functionalities supported by their applications.

2.1 Testing requirements

Customer must ensure to have the following requirements before proceeding with the conformance:

- Derivatives platform users and connectivity
- BCS API credentials

2.2 Structure of the testing environment

The Exchange provides a single Customer Development Service (CDS) environment which is a simulation of the production service for both customer development and certification.

Customers will perform their development activities on this environment and will schedule the conformance only when applications are in a "ready state".

A Market Access Analysts will assist customers in completing the certification testing and will provide a report to be signed-off at the end of the test.

2.3 Certification Test Programme

The following Certification Programme applies to anyone connecting a software application to a Borsa Italiana Live Service. A Live service is any production environment across Borsa Italiana.

Under EU and national regulatory requirements (including the ESMA Guidelines on Systems and Controls in a Highly Automated Trading Environment and MiFID II Regulatory Technical Standards) Borsa Italiana is required to have procedures and arrangements to ensure fair and orderly trading. This includes requirements for physical and electronic security to protect systems from misuse or unauthorised access and to ensure the integrity of the data that is part of or passes through the systems. The eligible venues are required to undertake standardised certification testing to ensure that

members and participants systems used to access the venues have a minimum level of functionality that is compatible with fair and orderly trading.

Customer non compliant with this certification programme may constitute a breach of Borsa Italiana terms and conditions or rules.

2.3.1 Access to the Live Service

Access to the Borsa Italiana Live Services is permitted only when a customer's software application has been certified as being fit for purpose.

2.3.2 Software Identification

All customer software must be identifiable by a software name and version number. Software applications that do not have both a name and version number will not be certified. Certification is limited to a single version of the named software.

2.3.3 Certification Policy

Customers are required to certify or re-certify their applications under the following conditions:

- Prior to use the application in the live environment (for new applications)
- The customer modifies the software in any way that directly impacts Borsa Italiana interfaces. This includes but is not limited to updates to Gateways, Order Management, Execution Management and Quote Management Software
- The Exchange upgrades its production environment to a later version of software
- The customer is requested to recertify their application by the relevant venue

If no certifications have been performed during a solar year (because any of the previous conditions occurred), the customer will be asked to self-certify (by sending an email to the relevant Trading Venue team that look after certifications) that no changes have been applied to the application since the last certification.

Any non-conformant behaviour by a customer's software application on the Live Services may lead to the software application being disconnected and not re-connected until it has been re-certified and the non-conformant behaviour corrected

2.4 Certification Report

A Certification report will track the certification process.

BCS service is available in Milan and the certification report is available on Borsa Italiana Website:

- Milan BCS API Certification Report

The certification process is managed by Market Access Team (**Market-access@borsaitaliana.it**).

The report will extract all the relevant functions performed by the application and present them in a format to be reviewed by a Market Access Analyst.

Considerations for the report are listed below:

- The report will be fill specifying application customer's details (Software Name, Version)
- The report will report the timestamp in which each test case is executed
- The report will contain indications on whether each test case outcome is consistent with the customer expected behaviour
- The report will be sent to the customer for the final sign off.

2.5 Submitting execution testing scenario

Before proceeding with the Certification test, the customer has to identify the supported test cases scenario, mark them on the Certification Report and submit it to Market Access Team: **market-access@borsaitaliana.it**

According with the supported functionalities, all the Subscribe test cases in each relevant *Test Area* are **mandatory**, while customers may choose to run optional test cases at their discretion.

2.6 Booking a Certification Session

Conformance will be booked according with Market Access availability and with the clearing procedure (ex. Series expiration).

Once the Certification Report identifying the execution testing scenario is received, Market Access will undertake the following actions:

- Checking the submitted Certification Report testing scenario
- Requesting the customer to review the document, if necessary
- Confirming or reschedule the Execution Date and the Time Window provided

2.7 Conformance Review

The customer has to submit the report to Market Access at the following email:

market-access@borsaitaliana.it

Market Access may take up to 5 working days to review the report and send the final version to be signed off.

By returning the signed copy of the report, the customer confirms their application is fully conformant to the certified functionalities of the BCS API Technical Specifications and technically behaves as described in the guidance given in this document.

2.8 Market Access Support

Market Access Analysts will be available to customers to:

- execute the coordinated test cases
- prepare the scenario for specific test cases such as assignments, early exercise, exercise by exception, exercise at expiry and transfers
- assist for any problem which may arise during the self part

2.9 Test Procedure

Prior to the conformance date the customer is required to:

- identify the supported functionalities to be reported on the Certification Report
- send the Certification Report to **market-access@borsaitaliana.it** and ask for an available date to schedule the conformance

At the scheduled date the customer is required to:

- execute the test steps as documented in the Certification Report
- to report the timestamp of each test cases and whether the outcome of each test is consistent with the expectations. In the event the outcome does not match the expected result, the customer is required to provide comments in the related section

At the end of conformance test the customer is required to send the following information to Market Access:

- a copy of GKAPI log file of the whole conformance day
- a copy of Customer's application log file of the whole conformance day,
- the Conformance Test Report updated with details of the tested scenarios.

The customer is responsible for any information declared on the signed-off Certification Test Report.

3 CERTIFICATION TEST CASE



3.1 Markets

Type: BCS Gateway		ID #: BCS-001	Mandatory: N	Co-ordinated Test: N
Test Name: InquireMarkets				
Test Area: Market List				
Description: This layout allows to download the list of available markets. Data is returned in the NotifyMarkets.				
Comments:				
Prerequisites				
#	Test Steps	Expected Results		
	Inquire for list of markets	Received NotifyMarkets Display list of available markets for the firm		

3.2 Classes

Type: BCS Gateway		ID #: BCS-002	Mandatory: N	Co-ordinated Test: N
Test Name: InquireClasses				
Test Area: Classes List				
Description: This layout allows to download the list of available classes. Data is returned in the NotifyClasses.				
Comments:				
Prerequisites				
#	Test Steps	Expected Results		
	Send a InquireClasses	Received NotifyClasses Display correctly all the instrument classes.		

Type: BCS Gateway		ID #: BCS-003	Mandatory: N	Co-ordinated Test: N
Test Name: InquireZipClasses				
Test Area: Classes List				
Description: This layout allows to download the list of available classes. In NotifyZipClasses records are separated by \n; the last records ends with \n.				
Comments:				
Prerequisites				
#	Test Steps	Expected Results		
	Send a InquireZipClasses	Received NotifyZipClasses Display correctly all the instrument classes.		

3.3 Clearing Members

Type: BCS Gateway		ID #: BCS-004	Mandatory: N	Co-ordinated Test: N
Test Name: InquireClearingMemberCodes				
Test Area: ClearingMember List				
Description: This layout allows the download of the list of the clearing members. Data is returned in the NotifyClearingMemberCodes.				
Comments:				
Prerequisites				
#	Test Steps	Expected Results		
	Send a InquireClearingMemberCodes	Received NotifyClearingMemberCodes Display a list of all clearing members for all the markets		

3.4 Non Clearing Members

Type: BCS Gateway		ID #: BCS-005	Mandatory: N	Co-ordinated Test: N
Test Name: InquireNonClearingMemberCodes				
Test Area: NonClearingMember List				
Description: This layout allows to download the list of own non clearing members. Data is returned in the NotifyNonClearingMemberCodes.				
Comments: On markets where the user is a NCM, the list will show the only NCM. If the user is NCM on all the markets, the list will show the only NCM.				
Prerequisites				
#	Test Steps	Expected Results		
	Send a InquireNonClearingMemberCodes	Received NotifyNonClearingMemberCodes Display a list of all the non clearing members of the GCM user.		

3.5 Series

Type: BCS Gateway		ID #: BCS-006	Mandatory: N	Co-ordinated Test: N
Test Name: InquireSeries				
Test Area: Series List				
Description: This layout allows to download the list of the tradable series. Data is returned in the NotifySeries.				
Comments:				
Prerequisites				
#	Test Steps	Expected Results		
	Send a InquireSeries	Received NotifySeries Display correctly all the tradable series		

Type: BCS Gateway		ID #: BCS-007	Mandatory: N	Co-ordinated Test: N
Test Name: InquireZipSeries				
Test Area: Series List				
Description: This layout allows to download the list of the tradable series. Data is returned in the NotifyZipSeries.				
Comments:				
Prerequisites				
#	Test Steps	Expected Results		
	Send a InquireZipSeries	Received NotifyZipSeries Display correctly all the tradable series		
Type: BCS Gateway		ID #: BCS-008	Mandatory: Y	Co-ordinated Test: N
Test Name: SubscribeSeries				
Test Area: Series List				
Description: Receive the series notifications via real time data feed.				
Comments: Borsa will create the new intraday series after the Subscribe Series has been executed by the customer.				
Prerequisites				
#	Test Steps	Expected Results		
1.	Execute SubscribeSeries	Received NotifySubSeries related to the new series		
2.	Receive the IntradaySeries from CCG			

3.6 Positions

Type: BCS Gateway		ID #: BCS-009	Mandatory: N	Co-ordinated Test: N
Test Name: InquirePositions				
Test Area: Position List				
Description: Display the list of all positions. This layout allows the download of the list of own positions. Data is returned in the NotifyPositions.				
Comments: This layout returns the list of own positions.				
Prerequisites				
The existence of, at least, one trade.				
#	Test Steps	Expected Results		
1.	Execute an InquirePositions	Received NotifyPositions Display all existent positions.		

Type: BCS Gateway		ID #: BCS-010	Mandatory: N	Co-ordinated Test: N
Test Name: InquireZipPositions				
Test Area: Position List				
Description: Display the list of all positions. This layout allows the download of the list of own positions. Data is returned in the NotifyZipPositions				
Comments: This layout returns the list of own positions. In NotifyZipPositions records are separated by \n; the last records ends with \n.				
Prerequisites				
The existence of, at least, one trade.				
#	Test Steps	Expected Results		
1.	Execute an InquireZipPositions	Received NotifyZipPositions Display all existent positions.		

3.7 Position Rectification

Type: BCS Gateway		ID #: BCS-011	Mandatory: Y	Co-ordinated Test: N
Test Name: SubscribePositions				
Test Area: Position List				
Description: Receive the positions notifications via real time data feed. This layout allows to subscribe for new positions events. Data is returned in the NotifySubPositions.				
Comments: This layout returns new positions events.				
Prerequisites				
#	Test Steps	Expected Results		
1.	Execute SubscribePositions	Received NotifySubPositions related to the SubmitRectifications		
2.	Execute SubmitRectifications			

Type: BCS Gateway		ID #: BCS-012	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitGrossPositionsRectification				
Test Area: Position Rectifications				
Description: This layout allows to send a position rectification request.				
Comments:				
Prerequisites				
The execution of the SubscribeRectifications The existence of at least one position with account type "client"				
#	Test Steps	Expected Results		
1.	Execute SubmitGrossPositionsRectification	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED		

Type: BCS Gateway		ID #: BCS-013	Mandatory: N	Co-ordinated Test: N
Test Name: InquireRectifications				
Test Area: Position Rectifications				
Description: Display the list of all rectifications. This layout allows to download the list of own position rectifications. Data is returned in the NotifyRectifications.				
Comments: This layout returns the list of position rectifications.				
Prerequisites				
The execution of the SubmitGrossPositionRectification				
#	Test Steps	Expected Results		
1.	Execute InquireRectifications	Received NotifyRectifications related to the SubmitRectifications		

Type: BCS Gateway		ID #: BCS-014	Mandatory: Y	Co-ordinated Test: N
Test Name: SubscribeRectifications				
Test Area: Position Rectifications				
Description: Receive the rectify notifications via real time data feed. This layout allows to subscribe for new position rectifications events. Data is returned in the NotifySubRectifications. This layout returns new position rectifications events.				
Comments: If the teststep ID #: BCS-012 has been already executed, the test steps list need not to be followed.				
Prerequisites				
The execution of the SubscribeRectifications before the SubmitGrossPositionRectification				
#	Test Steps	Expected Results		
1.	Execute the SubscribeRectifications	Received NotifySubRectifications related to the SubmitGrossPositionRectification		
2.	Execute the SubmitGrossPositionRectification			

3.8 Position Transfer

Type: BCS Gateway		ID #: BCS-015	Mandatory: N	Co-ordinated Test: Y
Test Name: SubmitTransferPositionRequest				
Test Area: Position Transfer				
Description: This layout allows to send a position transfer request.				
Comments:				
Prerequisites				
The execution of the SubscribePositionTransfers The existence of at least one position				
#	Test Steps	Expected Results		
1.	SubmitTransferPositionRequest to Borsa Italiana	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED		

Type: BCS Gateway		ID #: BCS-016	Mandatory: N	Co-ordinated Test: N
Test Name: InquirePositionsTransfer				
Test Area: Position Transfer				
Description: This layout allows to download the list of position transfers. Data is returned in the NotifyPositionTransfers.				
Comments: This layout returns the list of position transfers.				
Prerequisites				
The execution of the SubmitTransferPositionRequest				
#	Test Steps	Expected Results		
1.	Execute the InquirePositionsTransfer	Received NotifyPositionTransfers related to the SubmitTransferPositionRequest		

Type: BCS Gateway		ID #: BCS-017	Mandatory: Y	Co-ordinated Test: N
Test Name: SubscribePositionsTransfer				
Test Area: Position Transfer				
Description: Receive the position transfer notifications via real time data feed. This layout allows to subscribe for new position transfer events. Data is returned in the NotifySubPositionTransfers. This layout returns new position transfer events.				
Comments: If the teststep ID #: BCS-015 has been already executed, the test steps list need not to be followed.				
Prerequisites				
The existence of at least one position; The execution of the SubscribePositionTransfers before the SubmitTransferPositionRequest				
#	Test Steps	Expected Results		
1.	Execute the SubscribePositionsTransfer	Received NotifySubPositionTransfers related to the SubmitTransferPositionRequest		
2.	Execute the SubmitTransferPositionRequest			

Type: BCS Gateway		ID #: BCS-018	Mandatory: N	Co-ordinated Test: Y
Test Name: SubmitTransferPositionConfirm				
Test Area: Position Transfer				
Description: 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.				
Comments:				
Prerequisites				
The execution of the SubmitTransferPositionRequest, from Borsa Italiana, member 95000, CED 8081				
#	Test Steps	Expected Results		
1.	SubmitTransferPositionConfirm for the position from Borsa Italiana, member 95000, CED 8081	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED		

Type: BCS Gateway		ID #: BCS-019	Mandatory: N	Co-ordinated Test: Y
Test Name: SubmitTransferPositionDelete				
Test Area: Position Transfer				
Description: 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.				
Comments:				
Prerequisites				
The existence of at least one position; The execution of the SubmitTransferPositionRequest to Borsa Italiana, member 9500, CED 8081 The PositionTransferRequest has not been accepted yet by the Receiver Member Borsa Italiana				
#	Test Steps	Expected Results		
1.	SubmitTransferPositionDelete for the position transferred to Borsa Italiana, member 95000, CED 8081	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED		

3.9 Contract List

Type: BCS Gateway		ID #: BCS-020	Mandatory: N	Co-ordinated Test: N
Test Name: InquireContracts				
Test Area: Contract List				
Description: Display the list of all Contracts. This layout allows to download the list of own trades. Data is returned in the NotifyContracts.				
Comments:				
Prerequisites				
The existence of, at least, one trade.				
#	Test Steps	Expected Results		
1.	Execute an InquireContracts	Received NotifyContracts Display all existent contracts.		

Type: BCS Gateway		ID #: BCS-021	Mandatory: N	Co-ordinated Test: N
Test Name: InquireZipContracts				
Test Area: Contract List				
Description: Display the list of all executed contracts. This layout allows to download the list of own trades. Data is returned in the NotifyZipContracts				
Comments:				
Prerequisites				
The existence of, at least, one trade.				
#	Test Steps	Expected Results		
1.	Execute an InquireZipContracts	Received NotifyZipContracts Display all existent contracts.		

Type: BCS Gateway		ID #: BCS-022	Mandatory: N	Co-ordinated Test: N
Test Name: InquireContractsByTime				
Test Area: Contract List				
Description: Display the list of all Contracts in a specific time range. 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				
Comments: This layout returns the list of own trades.				
Prerequisites				
The existence of, at least, one trade in the time range specified				
#	Test Steps	Expected Results		
1.	Execute an InquireContractsByTime	Received NotifyContractsByTime Display all existent contracts in a specific time range.		

Type: BCS Gateway		ID #: BCS-023	Mandatory: N	Co-ordinated Test: N
Test Name: InquireZipContractsByTime				
Test Area: Contract List				
Description: Display the list of all Contracts in a specific time range. This layout allows to download the list of own trades and be used only in the current business day. Data is returned in the NotifyZipContractsByTime.				
Comments: This layout returns the list of own trades. In NotifyZipContracts records are separated by \n; the last records ends with \n.				
Prerequisites				
The existence of, at least, one trade in the time range specified				
#	Test Steps	Expected Results		
1.	Execute an InquireZipContractsByTime	Received NotifyZipContractsByTime Display all existent contracts in a specific time range.		

Type: BCS Gateway		ID #: BCS-024	Mandatory: Y	Co-ordinated Test: N
Test Name: SubscribeContracts				
Test Area: Contract List				
Description: Receive the contracts notifications via real time data feed. This layout allows to subscribe for new trades events. Data is returned in the NotifySubContracts.				
Comments: This layout returns new trade events.				
Prerequisites				
#	Test Steps	Expected Results		
1.	Execute SubscribeContracts	Received NotifySubContracts related to the NewTrade executed		
2.	Execute a New Trade with: -Instrument: stock option on BRE -Quantity: 99			

3.10 Contract Transfer

Type: BCS Gateway	ID #: BCS-025	Mandatory: N	Co-ordinated Test: Y
Test Name: SubmitTransferContractRequest			
Test Area: Contract Transfer			
Description: 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.			
Comments:			
Prerequisites			
The execution of the SubscribeContracts The existence of at least one trade			
#	Test Steps	Expected Results	
1.	Execute SubmitTransferContractRequest to Borsa Italiana	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED	

Type: BCS Gateway	ID #: BCS-026	Mandatory: N	Co-ordinated Test: N
Test Name: InquireContractsTransfers			
Test Area: Contract Transfer			
Description: Display the list of all Contracts Transferred.			
Comments:			
Prerequisites			
The existence of, at least, one trade. The execution of the SubmitTransferContractRequest			
#	Test Steps	Expected Results	
1.	Execute an InquireContractsTransfers	Received NotifyContractsTransfers Display all contracts transferred.	

Type: BCS Gateway	ID #: BCS-027	Mandatory: Y	Co-ordinated Test: Y
Test Name: SubscribeContractsTransfers			
Test Area: Contract Transfer			
Description: Receive the contracts transfer notifications via real time data feed.This layout allows to subscribe for new trade transfer events. Data is returned in the NotifySubContractTransfers.			
Comments: If the teststep ID #: BCS-025 has been already executed, the test steps list need not to be followed This layout returns new trade transfer events.			
Prerequisites			
The execution of the SubscribeContractsTransfers before the SubmitTransferContractRequest			
#	Test Steps	Expected Results	
1.	Execute the SubscribeContractsTransfers	Received NotifySubContractTransfers related to the SubmitTransferContractRequest	
2.	Execute the SubmitTransferContractRequest		

Type: BCS Gateway	ID #: BCS-028	Mandatory: N	Co-ordinated Test: Y
Test Name: SubmitTransferContractConfirm			
Test Area: Contract Transfer			
Description: 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.			
Comments:			
Prerequisites			
The execution of the SubmitTransferContractRequest from Borsa Italiana, member 95000, CED 8081			
#	Test Steps	Expected Results	
1.	Execute SubmitTransferContractConfirm on trade transferred from Borsa Italiana, member 95000, CED 8081	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED	

Type: BCS Gateway	ID #: BCS-029	Mandatory: N	Co-ordinated Test: Y
Test Name: SubmitTransferContractDelete			
Test Area: Contract Transfer			
Description: 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.			
Comments:			
Prerequisites			
The execution of the SubmitTransferContractRequest			
#	Test Steps	Expected Results	
1.	Execute SubmitTransferContractDelete	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED	

3.11 OpenClose Contract

Type: BCS Gateway	ID #: BCS-030	Mandatory: N	Co-ordinated Test: Y
Test Name: SubmitOpenCloseContract			
Test Area: OpenClose Contract			
Description: This layout allows to change the Open/Close flag for a trade on a client account.			
Comments:			
Prerequisites			
The execution of the SubscribeOpenCloseContracts The existence of trades on Buy and Sell with the same quantity			
#	Test Steps	Expected Results	
1.	Execute SubmitOpenCloseContract	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED	

Type: BCS Gateway		ID #: BCS-031	Mandatory: N	Co-ordinated Test: N
Test Name: InquireOpenCloseContractChanges				
Test Area: OpenClose Contract				
Description: This layout allows to download the list of the Open/Close changes. Data is returned in the NotifyOpenCloseContractChanges.				
Comments: This layout returns the list of Open/Close changes.				
Prerequisites				
The execution of the SubmitOpenCloseContract				
#	Test Steps	Expected Results		
1.	Execute an InquireOpenCloseContractChanges	Received NotifyOpenCloseContractChanges related to the SubmitOpenCloseContractChange		

Type: BCS Gateway		ID #: BCS-032	Mandatory: Y	Co-ordinated Test: Y
Test Name: SubscribeOpenCloseContractChanges				
Test Area: OpenClose Contract				
Description: This layout allows to subscribe for new Open/Close change events. Data is returned in the NotifySubOpenCloseContractChanges.				
Comments: If the teststep ID #: BCS-030 has been already executed, the test steps list need not to be followed. This layout returns new Open/Close change events.				
Prerequisites				
The execution of the SubscribeOpenCloseContractChange before the SubmitOpenCloseContract				
#	Test Steps	Expected Results		
1.	Execute the SubscribeOpenCloseContractChanges	Received NotifySubOpenCloseContractChanges related to the SubmitOpenCloseContract		
2.	Execute the SubmitOpenCloseContract			

3.12 ClientCode Contract Change

Type: BCS Gateway	ID #: BCS-033	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitClientCodeContractChange			
Test Area: ClientCode Contract Change			
Description: This layout allows to change the Client Code field of a trade.			
Comments:			
Prerequisites			
The execution of the SubscribeClientCodeContractChange The existence of at least one trade			
#	Test Steps	Expected Results	
1.	Execute SubmitOpenCloseContract	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED	

Type: BCS Gateway	ID #: BCS-034	Mandatory: N	Co-ordinated Test: N
Test Name: InquireClientCodeContractChange			
Test Area: ClientCode Contract Change			
Description: This layout allows to download the list of the Client Code changes. Data is returned in the NotifyClientCodeContractChanges.			
Comments: This layout returns the list of Client Code changes.			
Prerequisites			
The execution of the SubmitClientCodeContractChange			
#	Test Steps	Expected Results	
1.	Execute an InquireClientCodeContractChange	Received NotifyClientCodeContractChanges related to the SubmitClientCodeContractChanges	

Type: BCS Gateway	ID #: BCS-035	Mandatory: Y	Co-ordinated Test: N
Test Name: SubscribeClientCodeContractChanges			
Test Area: ClientCode Contract Change			
Description: This layout allows to subscribe for new Client Code change events. Data is returned in the NotifySubOpenCloseContractChanges.			
Comments: If the teststep ID #: BCS-033 has been already executed, the test steps list need not to be followed- This layout returns new Client Code change events			
Prerequisites			
The execution of the SubscribeClientCodeContractChanges before the SubmitClientCodeContractChanges			
#	Test Steps	Expected Results	
1.	Execute the SubscribeClientCodeContractChanges	Received NotifySubClientCodeContractChanges related to the SubmitClientCodeContractChanges	
2.	Execute the SubmitClientCodeContractChanges		

3.13 Contract List Split

Type: BCS Gateway	ID #: BCS-036	Mandatory: N	Co-ordinated Test: N
Test Name: InquireTradeHistory			
Test Area: Contract List Split			
Description: This layout allows to download the list of clearing operations done on a specific trade. Data is returned in the NotifyTradeHistory.			
Comments: This layout returns the list of clearing operations done on a specific trade.			
Prerequisites			
#	Test Steps	Expected Results	
1.	Execute an InquireTradeHistory	Received NotifyTradeHistory	

Type: BCS Gateway		ID #: BCS-037	Mandatory: N	Co-ordinated Test: Y
Test Name: SubmitSplitContract				
Test Area: Contract List Split				
Description: 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. If the ClientCode or the ClientInfo are not specified, they are inherited from the original trade (if they are specified and the related ContractSplitQuantity is not, they are discarded).				
Comments:				
Prerequisites				
The execution of the SubscribeSplitContract The existence of at least one trade with Quantity>1				
#	Test Steps	Expected Results		
1.	Execute SubmitSplitContract	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED		

Type: BCS Gateway		ID #: BCS-038	Mandatory: N	Co-ordinated Test: N
Test Name: InquireSplitContract				
Test Area: Contract List				
Description: This layout allows to download the list of the trades generated from a split. Data is returned in the NotifyInqSplitContracts.				
Comments:				
Prerequisites				
The execution of the SubmitSplitContract				
#	Test Steps	Expected Results		
1.	Execute an InquireSplitContract	Received NotifyInqSplitContract		

Type: BCS Gateway		ID #: BCS-039	Mandatory: Y	Co-ordinated Test: Y
Test Name: SubscribeSplitContracts				
Test Area: Contract List Split				
Description: This layout allows to subscribe for new trades generated from a split. Data is returned in the NotifySubSplitContracts				
Comments: If the teststep ID #: BCS-037 has been already executed, the test steps list need not to be followed. This layout returns new trades generated from a split.				
Prerequisites				
The execution of the SubscribeSplitContracts before the SubmitSplitContract				
#	Test Steps	Expected Results		
1.	Execute the SubscribeSplitContracts	Received NotifySubSplitContracts related to the SubmitClientCodeContractChanges		
2.	Execute the SubmitSplitContract			

Type: BCS Gateway		ID #: BCS-039a	Mandatory: N	Co-ordinated Test: Y
Test Name: SubmitSplitContractDelete				
Test Area: Contract List Split				
Description: This layout allows to cancel all the trades generated from a split. Data is returned in the NotifySplitContracts and NotifySubSplitContracts				
Comments: If the SubscribeContracts is already executed, after the SubmitSplitContractDelete the customer will receive a NotifyContracts with ContractState "C" for each of the contracts generated by the previous split and an additional NotifyContracts with ContractState "T" for the aggregated contract.				
Prerequisites				
Execution of the test case BCS-037				
#	Test Steps	Expected Results		
1.	Execute the SubmitSplitContractDelete	Received the NotifySplitContracts		

3.14 Contracts Aggregation

Type: BCS Gateway	ID #: BCS-039b	Mandatory: N	Co-ordinated Test: Y
Test Name: SubmitContractsAggregation			
Test Area: Contracts Aggregation			
Description: This layout allows to aggregate different contracts.			
Comments: Price of the aggregated contract will be the weighted average of the original contracts' prices. Quantity of the aggregated contract will be the sum of the original contracts' quantities.			
Prerequisites			
Execution of at least 2 contracts on the same instrument, and with identical date, ABI code, side, subaccount and account type			
#	Test Steps	Expected Results	
1.	Execute the SubmitContractsAggregation	Received the NotifyContractsAggregation	

Type: BCS Gateway	ID #: BCS-039c	Mandatory: N	Co-ordinated Test: Y
Test Name: InquireContractsAggregation			
Test Area: Contracts Aggregation			
Description: This layout allows to receive the Contracts Aggregation executed.			
Comments:			
Prerequisites			
Execution of the test case BCS-039b			
#	Test Steps	Expected Results	
1.	Execute the InquireContractsAggregation	Received the NotifyContractsAggregation	

Type: BCS Gateway		ID #: BCS-039d	Mandatory: N	Co-ordinated Test: Y
Test Name: SubscribeContractsAggregation				
Test Area: Contracts Aggregation				
Description: This layout allows to receive the Contracts Aggregation executed in real-time.				
Comments:				
Prerequisites				
Execution of the test case BCS-039b				
#	Test Steps	Expected Results		
1.	Execute the SubscribeContractsAggregation	Received the NotifySubContractsAggregation		

Type: BCS Gateway		ID #: BCS-039e	Mandatory: N	Co-ordinated Test: Y
Test Name: SubmitContractsAggregationDelete				
Test Area: Contracts Aggregation				
Description: This layout allows to cancel a contracts aggregation performed on the current day.				
Comments:				
Prerequisites				
Execution of the test case BCS-039b				
#	Test Steps	Expected Results		
1.	Execute the SubmitContractsAggregationDelete	Received the NotifyContractsAggregation		

3.15 Collateral Guarantees

Type: BCS Gateway		ID #: BCS-040	Mandatory: N	Co-ordinated Test: N
Test Name: InquireCollateralGuarantees				
Test Area: CollateralGuarantees				
Description: This layout allows to download the list of Collateral Guarantees. Data is returned in the NotifyCollateralGuarantees.				
Comments: This layout returns the list of Collateral Guarantees.				
Prerequisites				
#	Test Steps	Expected Results		
	Execute InquireCollateralGuarantees	Received NotifyCollateralGuarantees		

Type: BCS Gateway		ID #: BCS-041	Mandatory: Y	Co-ordinated Test: N
Test Name: SubscribeCollateralGuarantees				
Test Area: CollateralGuarantees				
Description: This layout allows to subscribe for new Collateral Guarantee events.				
Comments: This layout returns new Collateral Guarantee events.				
Prerequisites				
#	Test Steps	Expected Results		
1.	Execute SubscribeCollateralGuarantees	Received NotifySubCollateralGuarantees		
2.	Receive the CollateralGuarantees from CCG			

3.16 Deposited Guarantees

Type: BCS Gateway		ID #: BCS-042	Mandatory: N	Co-ordinated Test: N
Test Name: InquireDepositedGuarantees				
Test Area: Deposited Guarantees				
Description: This layout allows to download the list of Deposited Guarantees. Data is returned in the NotifyDepositedGuarantees				
Comments: This layout returns the list of Deposited Guarantees.				
Prerequisites				
The existence of at least one deposited guarantees				
#	Test Steps	Expected Results		
	Execute InquireDepositedGuarantees	Received NotifyDepositedGuarantees		
Type: BCS Gateway		ID #: BCS-043	Mandatory: Y	Co-ordinated Test: N
Test Name: SubscribeDepositedGuarantees				
Test Area: Deposited Guarantees				
Description: This layout allows to subscribe for new Deposited Guarantee events.				
Comments: This layout returns new Deposited Guarantee events.				
Prerequisites				
#	Test Steps	Expected Results		
1.	Execute SubscribeDepositedGuarantees	Received NotifySubDepositedGuarantees related to the SubmitBulkDepositGuarantees		
2.	Execute SubmitBulkDepositGuarantees			

Type: BCS Gateway		ID #: BCS-044	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitBulkDeposit				
Test Area: Deposited Guarantees				
Description: This layout allows to modify the allocation type of a Bulk Deposit Guarantee (DepositType = "BD").				
Comments:				
Prerequisites				
The existence of at least one Deposited Guarantee				
#	Test Steps	Expected Results		
1.	Execute SubmitBulkDeposit	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED		

Type: BCS Gateway		ID #: BCS-045	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitSubAccountBulkDeposit				
Test Area: Deposited Guarantees				
Description: This layout allows to modify the Sub Account of a Bulk Deposit Guarantee (DepositType = "BD").				
Comments:				
Prerequisites				
The existence of at least 2 SubAccounts with AccountType= C				
#	Test Steps	Expected Results		
1.	Execute SubmitSubAccountBulkDeposit	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED		

3.17 Early Exercise

Type: BCS Gateway		ID #: BCS-046	Mandatory: N	Co-ordinated Test: Y
Test Name: SubmitEarlyExerciseRequest2				
Test Area: Early Exercise				
Description: This layout allows to send an early exercise request for an option.				
Comments:				
Prerequisites				
The execution of the SubscribeEarlyExercises before the SubmitEarlyExerciseRequest2				
#	Test Steps	Expected Results		
1.	Execute SubmitEarlyExerciseRequest2	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED		

Type: BCS Gateway		ID #: BCS-047	Mandatory: N	Co-ordinated Test: N
Test Name: InquireEarlyExercise				
Test Area: Early Exercise				
Description: This layout allows to download the list of early exercise requests sent. Data is returned in the NotifyEarlyExercises.				
Comments: This layout returns the list of early exercise requests sent.				
Prerequisites				
The execution of the SubmitEarlyExerciseRequest2				
#	Test Steps	Expected Results		
	Execute the InquireEarlyExercise	Received NotifyEarlyExercises related to the SubmitEarlyExerciseRequest2		

Type: BCS Gateway	ID #: BCS-048	Mandatory: Y	Co-ordinated Test: Y
Test Name: SubscribeEarlyExercises			
Test Area: Early Exercise			
Description: Receive the early exercise notifications via real time data feed. This layout allows to subscribe for new early exercise request events.			
Comments: If the teststep ID #: BCS-047 has been already executed, the test steps list need not to be followed			
Prerequisites			
The execution of the SubscribeEarlyExercises before the SubmitEarlyExerciseRequest2 The existence of at least one option position			
#	Test Steps	Expected Results	
1.	Execute the SubscribeEarlyExercises	Received NotifySubEarlyExercises related to the SubmitExByExRequest2	
2.	Execute the SubmitEarlyExerciseRequest2		

Type: BCS Gateway	ID #: BCS-049	Mandatory: N	Co-ordinated Test: Y
Test Name: SubmitEarlyExerciseDelete			
Test Area: Early Exercise			
Description: This layout allows to delete an early exercise request. The RequestKey could be obtained by the NotifyEarlyExercises.			
Comments:			
Prerequisites			
The execution of the SubmitEarlyExerciseRequest2 The existence of at least one position.			
#	Test Steps	Expected Results	
1.	Execute SubmitEarlyExerciseDelete	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED	

3.18 Exercise By Exception

Type: BCS Gateway	ID #: BCS-050	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitExByEx Request2			
Test Area: Exercise By Exception			
Description: This layout allows to send an exercise by exception request for an option.			
Comments: This test has to be executed on one of the scheduled expiration days			
Prerequisites			
The execution of the SubscribeExByEx The existence of at least one expiring position with netting long if in "House", or positions with "long" amount more than 0 if "Client"			
#	Test Steps	Expected Results	
1.	Execute SubmitExByExRequest2	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED	

Type: BCS Gateway	ID #: BCS-051	Mandatory: N	Co-ordinated Test: N
Test Name: InquireExByEx			
Test Area: Exercise By Exception			
Description: This layout allows to download the list of exercise by exception requests sent. Data is returned in the NotifyExByEx.			
Comments: This layout returns the list of exercise by exception requests sent.			
Prerequisites			
The execution of the SubmitExByExRequest2			
#	Test Steps	Expected Results	
1.	Execute InquireExByEx	Received NotifyExByEx related to the SubmitExByExRequest2	

3.19 Exercise at Expiry

Type: BCS Gateway		ID #: BCS-052	Mandatory: Y	Co-ordinated Test: Y
Test Name: SubscribeExByEx				
Test Area: Exercise By Exception				
Description: This layout allows to subscribe for new exercise by exception request events.				
Comments: If the teststep ID #: BCS-051 has been already executed, the test steps list need not to be followed. This layout returns new exercise by exception request events.				
Prerequisites				
The execution of the SubscribeExByEx before the SubmitExByExRequest2 The existence of at least one expiring position with netting long if in "House", or positions with "long" amount grater than 0 if "Client"				
#	Test Steps	Expected Results		
1.	Execute the SubscribeExByEx	Received NotifySubExByEx related to the SubmitExByExRequest2		
2.	Execute the SubmitExByExRequest2			

Type: BCS Gateway		ID #: BCS-053	Mandatory: N	Co-ordinated Test: N
Test Name: InquireExerciseAtExpiry				
Test Area: Exercise at Expiry				
Description: 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.				
Comments: This test has to be executed on one of the scheduled expiration days				
Prerequisites				
The existence of at least one expiring position				
#	Test Steps	Expected Results		
1.	Execute InquireExerciseAtExpiry	Received NotifyExerciseAtExpiry		

Type: BCS Gateway		ID #: BCS-054	Mandatory: Y	Co-ordinated Test: Y
Test Name: SubscribeExerciseAtExpiry				
Test Area: Exercise at Expiry				
Description: This layout allows to subscribe for new exercise at expiry events.				
Comments: This layout returns new exercise at expiry events.				
Prerequisites				
The existence of at least one expiring position with netting long if in "House", or positions with "long" amount grater than 0 if "Client"				
#	Test Steps	Expected Results		
1.	Execute the SubscribeExerciseAtExpiry	Received NotifySubExerciseAtExpiry related to the SubmitExByExRequest2		
2.	Execute the SubmitExByEx Request2			

3.20 Assignment

Type: BCS Gateway		ID #: BCS-055	Mandatory: Y	Co-ordinated Test: Y
Test Name: SubscribeAssignmentSent				
Test Area: Assignment				
Description: This layout allows to subscribe for new assignment events.				
Comments: This layout returns new assignment events. Assignments will be available at the end of the day				
Prerequisites				
Borsa creates the scenario in order to let the customer to be assigned				
#	Test Steps	Expected Results		
1.	Execute the SubscribeAssignmentSent	Received NotifySubAssignmentSent		

Type: BCS Gateway		ID #: BCS-056	Mandatory: N	Co-ordinated Test: N
Test Name: InquireAssignment				
Test Area: Assignment				
Description: This layout allows to download the list of assignments received. Data is returned in the NotifyAssignments.				
Comments:				
Prerequisites				
The existence of at least 1 Assignment				
#	Test Steps	Expected Results		
1.	Execute InquireAssignment	Received NotifyAssignment		

3.21 Sub Accounts Transfers

Type: BCS Gateway		ID #: BCS-057	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitSubAccountTransfers				
Test Area: Sub Accounts Transfers				
Description: This layout allows to transfer a position between sub accounts belonging to same account.				
Comments:				
Prerequisites				
The execution of the SubscribeSubAccountTransfers before the SubmitSubAccountTransfers The existence of at least 2 SubAccounts with AccountType=C The existence of at least 1 position with AccountType = C				
#	Test Steps	Expected Results		
1.	SubmitSubAccountTransfers	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED		

Type: BCS Gateway		ID #: BCS-058	Mandatory: N	Co-ordinated Test: N
Test Name: InquireSubAccountTransfers				
Test Area: Sub Accounts Transfers				
Description: This layout allows to download the position transfers between sub accounts belonging to same account. Data is returned in the NotifySubAccountTransfers.				
Comments:				
Prerequisites				
The execution of the SubmitSubAccountTransfers				
#	Test Steps	Expected Results		
1.	Execute InquireSubAccountTransfers	Received NotifySubAccountTransfers related to the Submit--		

Type: BCS Gateway		ID #: BCS-059	Mandatory: Y	Co-ordinated Test: N
Test Name: SubscribeSubAccountTransfers				
Test Area: Sub Accounts transfers				
Description: This layout allows to subscribe for new position transfers between sub accounts belonging to same account. Data is returned in the NotifySubSubAccountTransfers. This layout returns new position transfers between sub accounts belonging to same account.				
Comments: If the teststep ID #: BCS-058 has been already executed, the test steps list need not to be followed.				
Prerequisites				
The execution of the SubscribeSubAccountTransfers before the SubmitSubAccountTransfers				
#	Test Steps	Expected Results		
1.	Execute the SubscribeSubAccountTransfers	Received NotifySubSubAccountTransfers related to the SubmitSubAccountTransfers		
2.	Execute the SubmitSubAccountTransfers			

Type: BCS Gateway		ID #: BCS-060	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitSubAccountParameter				
Test Area: Sub Accounts List				
Description: This layout allows to create a new Sub Account.				
Comments:				
Prerequisites				
The execution of the SubscribeSubAccountParameters before the SubmitSubAccountParameter				
#	Test Steps	Expected Results		
1.	Execute SubmitSubAccountParameter	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED		

3.22 Sub Accounts List

Type: BCS Gateway		ID #: BCS-061	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitSubAccountParameterChange				
Test Area: Sub Accounts List				
Description: This layout allows to change an existing Sub Account.				
Comments:				
Prerequisites				
The existence of at least one SubAccount				
#	Test Steps	Expected Results		
1.	Execute SubmitSubAccountParameterChange	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED		

Type: BCS Gateway		ID #: BCS-062	Mandatory: N	Co-ordinated Test: N
Test Name: InquireSubAccountParameters				
Test Area: Sub Accounts List				
Description: This layout allows to download the list of available Sub Accounts. Data is returned in the NotifySubAccountParameters.				
Comments: This layout returns the list of available Sub Accounts.				
Prerequisites				
#	Test Steps	Expected Results		
1.	Execute InquireSubAccountParameters	Received NotifySubAccountParameters		

Type: BCS Gateway		ID #: BCS-063	Mandatory: Y	Co-ordinated Test: N
Test Name: SubscribeSubAccountParameters				
Test Area: Sub Accounts List				
Description: 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.				
Comments: If the teststep ID #: BCS-061 has been already executed, the test steps list need not to be followed.				
Prerequisites				
The execution of the SubscribeSubAccountParameters before the SubmitSubAccountParametersChange				
#	Test Steps	Expected Results		
1.	Execute the SubscribeSubAccountParameters	Received NotifySubSubAccountParameters related to the SubmitSubAccountParameters		
2.	Execute the SubmitSubAccountParameters			

3.23 Sub Accounts ClientCode Link

Type: BCS Gateway		ID #: BCS-064	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitSubAccountClientCodeLink				
Test Area: Sub Accounts ClientCode Link				
Description: 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.				
Comments:				
Prerequisites				
The execution of the SubscribeSubAccountClientCodeLink before the SubmitSubAccountClientCodeLink				
#	Test Steps	Expected Results		
1.	Execute SubmitSubAccountClientCodeLink	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED		

Type: BCS Gateway		ID #: BCS-065	Mandatory: N	Co-ordinated Test: N
Test Name: InquireSubAccountClientCodeLink				
Test Area: Sub Accounts ClientCode Link				
Description: This layout allows to download the list of Sub Account / Client Code links. Data is returned in the NotifySubAccountClientCodeLinks.				
Comments: This layout returns the list of Sub Account / Client Code links.				
Prerequisites				
The existence of at least 1 SubAccountClientCode Link				
#	Test Steps	Expected Results		
1.	Execute InquireSubAccountClientCodeLink	Received NotifySubAccountClientCodeLink		

Type: BCS Gateway		ID #: BCS-066	Mandatory: Y	Co-ordinated Test: N
Test Name: SubscribeSubAccountClientCodeLink				
Test Area: Sub Accounts ClientCode Link				
Description: 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				
Comments: If the teststep ID #: BCS-065 has been already executed, the test steps list need not to be followed.				
Prerequisites				
#	Test Steps	Expected Results		
1.	Execute the SubscribeSubAccountClientCodeLink	Received NotifySubSubAccountClientCodeLink related to the SubmitSubAccountClientCodeLink		
2.	Execute the SubmitSubAccountClientCodeLink			

Type: BCS Gateway		ID #: BCS-067	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitSubAccountClientCodeLinkChange				
Test Area: Sub Accounts ClientCode Link				
Description: This layout allows to change an existing Sub Account / Client Code link.				
Comments:				
Prerequisites				
The execution of the SubscribeSubmitSubAccountClientCodeLinkChange The existence of at least 1 SubAccountClientCode Link				
#	Test Steps	Expected Results		
1.	Execute SubmitSubAccountClientCodeLinkChange	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED		

Type: BCS Gateway	ID #: BCS-068	Mandatory: N	Co-ordinated Test: N
Test Name: InquireSubAccountClientCodeLinkChange			
Test Area: Sub Accounts Client Code Link			
Description: 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.			
Comments: 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.			
Prerequisites			
The execution of the SubmitSubAccountClientCodeLinkChange			
#	Test Steps	Expected Results	
1.	Execute InquireSubAccountClientCodeLinkChange	Received NotifySubAccountClientCodeLinkChange related to the SubmitSubAccountClientCodeLink	

Type: BCS Gateway	ID #: BCS-069	Mandatory: Y	Co-ordinated Test: N
Test Name: SubscribeSubAccountClientCodeLinkChange			
Test Area: Sub Accounts Client Code Link			
Description: 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.			
Comments: If the teststep ID #: BCS-068 has been already executed, the test steps list need not to be followed.			
Prerequisites			
The execution of the SubscribeSubAccountClientCodeLinkChange before the SubmitSubAccountClientCodeLinkChange			
#	Test Steps	Expected Results	
1.	Execute the SubscribeSubAccountClientCodeLinkChange	Received NotifySubSubAccountClientCodeLinkChange related to the SubmitSubAccountClientCodeLinkChange	
2.	Execute the SubmitSubAccountClientCodeLinkChange		

Type: BCS Gateway		ID #: BCS-070	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitSubAccountClientCodeLinkDelete				
Test Area: Sub Accounts Client Code Link				
Description: This layout allows to delete any change on an existing Sub Account / Client Code link requested on the current business date.				
Comments:				
Prerequisites				
The existence of at least 1 SubAccountClientCode Link				
#	Test Steps	Expected Results		
1.	Execute SubmitSubAccountClientCodeLinkDelete	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED		

Type: BCS Gateway		ID #: BCS-071	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitDeleteSubAccountClientCodeLinkChange				
Test Area: Sub Accounts Client Code Link				
Description: This layout allows to delete any change on an existing Sub Account / Client Code link requested on the current business date				
Comments:				
Prerequisites				
The execution of the SubmitSubAccountClientCodeLinkChange				
#	Test Steps	Expected Results		
1.	Execute SubmitDeleteSubAccountClientCodeLinkChange	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED		

Type: BCS Gateway		ID #: BCS-071	Mandatory: N	Co-ordinated Test: N
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Test Name: SubmitDeleteSubAccountClientCodeLinkChange		
Test Area: Sub Accounts Client Code Link		
Description: This layout allows to delete any change on an existing Sub Account / Client Code link requested on the current business date		
Comments:		
Prerequisites		
The execution of the SubmitSubAccountClientCodeLinkChange		
#	Test Steps	Expected Results
1.	Execute SubmitDeleteSubAccountClientCodeLinkChange	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED

3.24 Give Out

Type: BCS Gateway	ID #: BCS-072	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitGiveOutParameter			
Test Area: Give Out			
Description: 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.			
Comments:			
Prerequisites			
The execution of the SubscribeGiveOutParameter			
#	Test Steps	Expected Results	
1.	Execute SubmitGiveOutParameter	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED	

Type: BCS Gateway	ID #: BCS-073	Mandatory: N	Co-ordinated Test: N
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Test Name: SubmitGiveOutParameterChange		
Test Area: Give Out		
Description: This layout allows to change an already existing Give Out.		
Comments:		
Prerequisites		
The existence of at least one Give-Out		
#	Test Steps	Expected Results
1.	Execute SubmitGiveOutParameterChange	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED

Type: BCS Gateway	ID #: BCS-074	Mandatory: N	Co-ordinated Test: N
Test Name: InquireGiveOutParameterChange			
Test Area: Give Out			
Description: This layout allows to download the list of Give Out codes. Data is returned in the NotifyGiveOutParameters.			
Comments: This layout returns the list of Give Out codes.			
Prerequisites			
The existence of at least one Give-Out			
#	Test Steps	Expected Results	
1.	Execute InquireGiveOutParameterChange	Received NotifyGiveOutParameterChange	

Type: BCS Gateway	ID #: BCS-075	Mandatory: Y	Co-ordinated Test: N
Test Name: SubscribeGiveOutParameters			

Test Area: Give Out		
Description: 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.		
Comments: If the teststep ID #: BCS-073 has been already executed, the test steps list need not to be followed.		
Prerequisites		
The execution of the SubscribeGiveOutParameters before the SubmitGiveOutParameters		
#	Test Steps	Expected Results
1.	Execute the SubscribeGiveOutParameters	Received NotifySubGiveOutParameters related to the SubmitGiveOutParameters
2.	Execute the SubmitGiveOutParameters	

3.25 TakeUp

Type: BCS Gateway	ID #: BCS-076	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitTakeUpParameter			
Test Area: TakeUp			
Description: 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 antoher clearing member. The Description Code field has to be the same that is set-up in the Give Out code of the deliver member.			
Comments:			
Prerequisites			
The execution of the SubscribeTakeUpParameter			
#	Test Steps	Expected Results	
1.	Execute SubmitTakeUpParameter	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED	

Type: BCS Gateway	ID #: BCS-077	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitTakeUpParameterChange			
Test Area: TakeUp			
Description: This layout allows to change an already existing Take Up.			
Comments:			
Prerequisites			
The existence of at least one takeUp			
#	Test Steps	Expected Results	
1.	Execute SubmitTakeUpParameterChange	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED	

Type: BCS Gateway	ID #: BCS-078	Mandatory: N	Co-ordinated Test: N
Test Name: InquireTakeUpParameters			
Test Area: TakeUp			
Description: This layout allows for the download of the list of Take Up codes. Data is returned in the NotifyTakeUpParameters.			
Comments:			
Prerequisites			
The existence of at least one takeUp			
#	Test Steps	Expected Results	
1.	Execute InquireTakeUpParameters	Received NotifyTakeUpParameters	

Type: BCS Gateway	ID #: BCS-079	Mandatory: Y	Co-ordinated Test: N
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Test Name: SubscribeTakeUpParameters		
Test Area: TakeUp		
Description: 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.		
Comments: If the teststep ID #: BCS-078 has been already executed, the test steps list need not to be followed.		
Prerequisites		
The execution of the SubscribeTakeUpParameters before the SubmitTakeUpParameters		
#	Test Steps	Expected Results
1.	Execute the Subscribe SubscribeTakeUpParameters	Received NotifySubTakeUpParameters related to the SubmitGiveOutParameters
2.	Execute the Submit SubscribeTakeUpParameters	

3.26 Report

Type: BCS Gateway	ID #: BCS-080	Mandatory: Y	Co-ordinated Test: N
Test Name: SubscribeReport			
Test Area: Report			
Description: This layout allows an alert when a report is available. Data is returned in the NotifyReport.			
Comments: This layout returns the information of a specific report as soon as it becomes available for the download.			
Prerequisites			
Borsa creates the scenario in order to get report intraday			
#	Test Steps	Expected Results	
1.	Execute SubscribeReport	Received NotifyReport related to the new report	

Type: BCS Gateway		ID #: BCS-081	Mandatory: N	Co-ordinated Test: N
Test Name: InquireZipReportData				
Test Area: Report				
Description: This layout allows to download a specific report from the system. Data is returned in the NotifyZipReportData.				
Comments: 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.				
Prerequisites				
#	Test Steps	Expected Results		
1.	Execute InquireZipReportData	Received NotifyZipReportData		

Type: BCS Gateway		ID #: BCS-082	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitAbortInquireZipReportData				
Test Area: Report				
Description: This layout allows to abort an InquireZipReportData previsouly sent in the case the download is not yet finished. The RequestKey code could be obtained by the transactional response of the InquireZipReportData.				
Comments: In the "Specification" field of the transactional response of the InquireZipReportData, in addition to the ack, also the indentification 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				
Prerequisites				
The execution of the InquireZipReportData The InquireZipReportData has not to be completed				
#	Test Steps	Expected Results		
1.	Execute SubmitAbortInquireZipReportData	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED		

Type: BCS Gateway		ID #: BCS-083	Mandatory: N	Co-ordinated Test: N
Test Name: InquireReportSent				
Test Area: Report				
Description: This layout allows to download the list of available reports for the specified business date. Data is returned in the NotifyReportSent.				
Comments: This layout returns the list of available reports for the specified business date.				
Prerequisites				
The existence of at least one Report				
#	Test Steps	Expected Results		
1.	Execute InquireReportSent	Received NotifyReportSent		

3.27 Risk Management

3.27.1 StandardPortfolio

Type: BCS Gateway		ID #: BCS-084	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitStandardPortfolioParameter				
Test Area: StandardPortfolio				
Description: 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.				
Comments:				
Prerequisites				
The execution of the SubscribeStandardPortfolioParameters before the SubmitStandardPortfolioParameters				
#	Test Steps	Expected Results		
1.	Execute SubmitStandardPortfolioParameter	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED		

Type: BCS Gateway		ID #: BCS-085	Mandatory: N	Co-ordinated Test: N
Test Name: InquireStandardPortfolioParameters				
Test Area: StandardPortfolio				
Description: This layout allows to download the list of Standard Portfolios. Data is returned in the NotifyStandardPortfolioParameters.				
Comments: This layout returns the list of Standard Portfolios.				
Prerequisites				
The existence of at least one StandardPortfolio				
#	Test Steps	Expected Results		
1.	Execute InquireStandardPortfolioParameter	Received NotifyStandardPortfolioParameter		

Type: BCS Gateway		ID #: BCS-086	Mandatory: Y	Co-ordinated Test: N
Test Name: SubscribeStandardPortfolioParameters				
Test Area: StandardPortfolio				
Description: 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.				
Comments: If the teststep ID #: BCS-085 has been already executed, the test steps list need not to be followed.				
Prerequisites				
The execution of the SubscribeStandardPortfolioParameters before the SubmitStandardPortfolioParameter				
#	Test Steps	Expected Results		
1.	Execute the SubscribeStandardPortfolioParameters	Received NotifySubStandardPortfolioParameters related to the SubmitStandardPortfolioParameter		
2.	Execute the SubmitStandardPortfolioParameter			

Type: BCS Gateway	ID #: BCS-087	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitStandardPortfolioParameterChange			
Test Area: StandardPortfolio			
Description: 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.			
Comments:			
Prerequisites			
The existence of at least one StandardPortfolio			
#	Test Steps	Expected Results	
1.	Execute SubmitStandardPortfolioParameterChange	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED	

Type: BCS Gateway	ID #: BCS-088	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitStandardPortfolioParameterDelete			
Test Area: StandardPortfolio			
Description: This layout allows to delete an existing Standard Portfolio.			
Comments:			
Prerequisites			
The existence of at least one StandardPortfolio			
#	Test Steps	Expected Results	
1.	Execute SubmitStandardPortfolioParameterChange	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED	

3.27.2 CustomPortfolio

Type: BCS Gateway	ID #: BCS-089	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitCustomPortfolioParameter			
Test Area: CustomPortfolio			
Description: 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.			
Comments:			
Prerequisites			
The execution of the SubscribeCustomPortfolioParameter before the SubmitCustomPortfolioParameter			
#	Test Steps	Expected Results	
1.	Execute SubmitCustomPortfolioParameter	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED	

Type: BCS Gateway	ID #: BCS-090	Mandatory: N	Co-ordinated Test: N
Test Name: InquireCustomPortfolioParameter			
Test Area: CustomPortfolio			
Description: This layout allows to download the list of Custom Portfolios. Data is returned in the NotifyCustomPortfolioParameters.			
Comments: This layout returns the list of Custom Portfolios.			
Prerequisites			
The existence of at least one StandardPortfolio			
#	Test Steps	Expected Results	
1.	Execute InquireStandardPortfolioParameter	Received NotifyStandardPortfolioParameter	

Type: BCS Gateway	ID #: BCS-091	Mandatory: Y	Co-ordinated Test: N
Test Name: SubscribeCustomPortfolioParameters			
Test Area: CustomPortfolio			
Description: 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.			
Comments: If the teststep ID #: BCS-090 has been already executed, the test steps list need not to be followed.			
Prerequisites			
The execution of the SubscribeCustomPortfolioParameters before the SubmitCustomPortfolioParameters			
#	Test Steps	Expected Results	
1.	Execute the SubscribeCustomPortfolioParameters	Received NotifySubCustomPortfolioParameters related to the SubscribeCustomPortfolioParameters	
2.	Execute the SubmitCustomPortfolioParameters		

Type: BCS Gateway	ID #: BCS-092	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitCustomPortfolioParameterChange			
Test Area: CustomPortfolio			
Description: 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.			
Comments:			
Prerequisites			
The existence of at least one Custom Portfolio			
#	Test Steps	Expected Results	
1.	Execute SubmitCustomPortfolioParameterChange	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED	

Type: BCS Gateway	ID #: BCS-093	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitCustomPortfolioParameterDelete			
Test Area: CustomPortfolio			
Description: This layout allows to delete an existing Custom Portfolio.			
Comments:			
Prerequisites			
The existence of at least one Custom Portfolio			
#	Test Steps	Expected Results	
1.	Execute SubmitCustomPortfolioParameterDelete	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED	

3.27.3 Trade Limit

Type: BCS Gateway	ID #: BCS-094	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitTradeLimitParameter			
Test Area: Trade Limit			
Description: 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).			
Comments:			
Prerequisites			
The execution of the SubscribeTradeLimitParameters before the SubmitTradeLimitParameters			
#	Test Steps	Expected Results	
1.	Execute SubmitTradeLimitParameter	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED	

Type: BCS Gateway	ID #: BCS-095	Mandatory: N	Co-ordinated Test: N
Test Name: InquireTradeLimitParameters			
Test Area: Trade Limit			
Description: This layout allows to download the list of Trade Limits. Data is returned in the NotifyTradeLimitParameters.			
Comments: This layout returns the list of Trade Limits.			
Prerequisites			
The existence of at least one trade limit			
#	Test Steps	Expected Results	
1.	Execute InquireTradeLimitParameters	Received NotifyTradeLimitParameters	

Type: BCS Gateway	ID #: BCS-096	Mandatory: Y	Co-ordinated Test: N
Test Name: SubscribeTradeLimitParameters			
Test Area: Trade Limit			
Description: 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.			
Comments: If the teststep ID #: BCS-095 has been already executed, the test steps list need not to be followed.			
Prerequisites			
#	Test Steps	Expected Results	
1.	Execute the SubscribeTradeLimitParameters	Received NotifySubTradeLimitParameters related to the SubscribeTradeLimitParameters	
2.	Execute the SubmitTradeLimitParameter		

Type: BCS Gateway	ID #: BCS-097	Mandatory: Y	Co-ordinated Test: N
Test Name: SubscribeTradeLimitAlarm			
Test Area: Trade Limit			
Description: This layout allows to subscribe for new Trade Limit Alarms. Data is returned in the NotifySubTradeLimitAlarms.			
Comments:			
Prerequisites			
The existence of at least one Trade Limit			
#	Test Steps	Expected Results	
1.	Execute the SubscribeTradeLimitAlarm	Received NotifySubTradeLimitAlarm	
2.	Execute a trade in order to overcome one of the thresholds defined in one of the existing TradeLimit		

Type: BCS Gateway	ID #: BCS-098	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitTradeLimitParameterChange			
Test Area: Trade Limit			
Description: 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.			
Comments:			
Prerequisites			
The existence of at least one trade limit			
#	Test Steps	Expected Results	
1.	Execute SubmitTradeLimitParameterChange	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED	

Type: BCS Gateway	ID #: BCS-99	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitTradeLimitParameterDelete			
Test Area: Trade Limit			
Description: This layout allows to delete an existing Trade Limit.			
Comments:			
Prerequisites			
The existence of at least one trade limit			
#	Test Steps	Expected Results	
1.	Execute SubmitTradeLimitParameterDelete	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED	

3.27.4 Position Limit

Type: BCS Gateway	ID #: BCS-100	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitPositionLimitParameter			
Test Area: Position Limit			
Description: 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).			
Comments:			
Prerequisites			
The execution of the SubscribePositionLimitParameter before the SubmitPositionLimitParameter			
#	Test Steps	Expected Results	
1.	Execute SubmitPositionLimitParameter	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED	

Type: BCS Gateway	ID #: BCS-101	Mandatory: N	Co-ordinated Test: N
Test Name: InquirePositionLimitParameters			
Test Area: Position Limit			
Description: This layout allows to download the list of Position Limits. Data is returned in the NotifyPositionLimitParameters.			
Comments: This layout returns the list of Position Limits.			
Prerequisites			
The existence of at least one position limit			
#	Test Steps	Expected Results	
1.	Execute the InquirePositionLimitParameters	Received NotifyPositionLimitParameters	

Type: BCS Gateway	ID #: BCS-102	Mandatory: Y	Co-ordinated Test: N
Test Name: SubscribePositionLimitParameters			
Test Area: Position Limit			
Description: 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.			
Comments: If the teststep ID #: BCS-101 has been already executed, the test steps list need not to be followed.			
Prerequisites			
#	Test Steps	Expected Results	
1.	Execute the SubscribePositionLimitParameters	Received NotifySubPositionLimitParameters related to the SubscribePositionLimitParameters	
2.	Execute the SubmitPositionLimitParameter		

Type: BCS Gateway		ID #: BCS-103	Mandatory: Y	Co-ordinated Test: N
Test Name: SubscribePositionLimitAlarm				
Test Area: Position Limit				
Description: This layout allows to subscribe for new Position Limit Alarms. Data is returned in the NotifySubPositionLimitAlarms.				
Comments:				
Prerequisites				
The existence of at least one Position Limit				
#	Test Steps	Expected Results		
1.	Execute the SubscribePositionLimitAlarms	Received NotifySubPositionLimitAlarm		
2.	Execute a trade in order to overcome one of the thresholds defined in one of the existing PositionLimit			

Type: BCS Gateway		ID #: BCS-104	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitPositionLimitParameterChange				
Test Area: Position Limit				
Description: This layout allows to change an existing Position Limit.				
Comments:				
Prerequisites				
The existence of at least one position limit				
#	Test Steps	Expected Results		
1.	Execute SubmitPositionLimitParameterChange	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED		

Type: BCS Gateway	ID #: BCS-105	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitPositionLimitParameterDelete			
Test Area: Position Limit			
Description: This layout allows to delete an existing Position Limit.			
Comments:			
Prerequisites			
The existence of at least one position limit			
#	Test Steps	Expected Results	
1.	Execute SubmitPositionLimitParameterDelete	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED	

3.27.5 Margin Limit

Type: BCS Gateway	ID #: BCS-106	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitMarginLimitParameter			
Test Area: Margin Limit			
Description: This layout allows to create a new Margin Limit.			
Comments:			
Prerequisites			
The execution of the SubscribeMarginLimitParameter before the SubmitMarginLimitParameter The existence of at least one Custom/Standard Portfolio			
#	Test Steps	Expected Results	
1.	Execute SubmitMarginLimitParameter	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED	

Type: BCS Gateway		ID #: BCS-107	Mandatory: N	Co-ordinated Test: N
Test Name: InquireMarginLimitParameters				
Test Area: Margin Limit				
Description: This layout allows to download the list of Margin Limits. Data is returned in the NotifyMarginLimitParameters.				
Comments: This layout returns the list of Margin Limits.				
Prerequisites				
The existence of at least one margin limit				
#	Test Steps	Expected Results		
1.	Execute the InquireMarginLimitParameters	Received NotifyMarginLimitParametersN		

Type: BCS Gateway		ID #: BCS-108	Mandatory: Y	Co-ordinated Test: N
Test Name: SubscribeMarginLimitParameters				
Test Area: Margin Limit				
Description: 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.				
Comments: If the teststep ID #: BCS-107 has been already executed, the test steps list need not to be followed.				
Prerequisites				
The existence of at least one Custom/Standard Portfolio				
#	Test Steps	Expected Results		
1.	Execute the SubscribeMarginLimitParameters	Received NotifySubMarginLimitParameters related to the SubscribeMarginLimitParameters		
2.	Execute the SubmitMarginLimitParameter			

Type: BCS Gateway		ID #: BCS-109	Mandatory: Y	Co-ordinated Test: N
Test Name: SubscribeMarginLimitAlarm				
Test Area: Margin Limit				
Description: This layout allows to subscribe for new Margin Limit Alarms. Data is returned in the NotifySubMarginLimitAlarms.				
Comments:				
Prerequisites				
The existence of at least one Margin Limit				
#	Test Steps	Expected Results		
1.	Execute the SubscribeMarginLimitAlarms	Received NotifySubMarginimitAlarm		
2.	Execute a trade in order to overcome one of the thresholds defined in one of the existing MarginLimit			

Type: BCS Gateway		ID #: BCS-110	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitMarginLimitParameterChange				
Test Area: Margin Limit				
Description: 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.				
Comments:				
Prerequisites				
The existence of at least one margin limit				
#	Test Steps	Expected Results		
1.	Execute SubmitMarginLimitParameterChange	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED		

Type: BCS Gateway		ID #: BCS-111	Mandatory: N	Co-ordinated Test: N
Test Name: SubmitMarginLimitParameterDelete				
Test Area: Margin Limit				
Description: This layout allows to delete an existing Margin Limit.				
Comments:				
Prerequisites				
The existence of at least one margin limit				
#	Test Steps	Expected Results		
1.	Execute SubmitMarginLimitParameterDelete	Received the GKAPI response MarketReply:GK_REQUEST_ACCEPTED		

Type: BCS Gateway		ID #: BCS-112	Mandatory: N	Co-ordinated Test: N
Test Name: InquireWhatIf				
Test Area: Margin Limit				
Description: 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				
Comments:				
Prerequisites				
The existence of at least one position				
#	Test Steps	Expected Results		
1.	Execute the InquireWhatIf	Received NotifyWhatIf		

3.28 Stop Button

Type: BCS Gateway		ID #: BCS-113	Mandatory: Y	Co-ordinated Test: N
Test Name: SubscribeFirmStatus				
Test Area: Stop Button				
Description: 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.				
Comments:				
Prerequisites				
#	Test Steps	Expected Results		
1.	Execute the SubscribeFirmStatus	Received NotifySubFirmStatus		

Type: BCS Gateway		ID #: BCS-114	Mandatory: N	Co-ordinated Test: N
Test Name: InquireFirmStatus				
Test Area: Stop Button				
Description: 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.				
Comments:				
Prerequisites				
#	Test Steps	Expected Results		
1.	Execute the InquireFirmStatus	Received NotifyFirmStatus		

Type: BCS Gateway		ID #: BCS-115	Mandatory: N	Co-ordinated Test: Y
Test Name: SubmitChangeFirmStatus				
Test Area: Stop Button				
Description: 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.				
Comments:				
Prerequisites				
Execute the SubscribeFirmStatus				
#	Test Steps	Expected Results		
1.	Execute the SubmitChangeFirmStatus	Received NotifySubFirmStatus		

3.29 Service Market Status

The new API libraries will allow customers to handle the status of each single clearing component such as (i.e. Clearing Data Manager, Report Manager).

In particular, customers willing to implement the aforementioned solution will have to execute a *Subscribe.System.ServiceMarketStatus* and handle the related *Notify.System.ServiceMarketStatus*.

The new functionality is reported in the BCS API Programmer’s Guide (par. 10) available at the following link:

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

Type: BCS Gateway		ID #: BCS-116	Mandatory: Y	Co-ordinated Test: N
Test Name: Subscribe.System.ServiceMarketStatus				
Test Area: Market Status				
Description: This layout allows to request the service market connection status.				
Comments:				

Prerequisites		
#	Test Steps	Expected Results
1.	Execute the <code>Subscribe.System.ServiceMarketStatus</code>	Received Notify.System.ServiceMarketStatus

3.30 Clearing Messages

Type: BCS Gateway	ID #: BCS-118	Mandatory: N	Co-ordinated Test: Y
Test Name: <code>SubscribeClearingMessages</code>			
Test Area: Clearing Messages			
Description: This layout allows to receive the clearing messages.			
Comments: The clearing message is generated upon request in CDS.			
Prerequisites			
#	Test Steps	Expected Results	
1.	Execute the <code>SubscribeClearingMessages</code>	Received NotifyClearingMessages	

Type: BCS Gateway	ID #: BCS-117	Mandatory: N	Co-ordinated Test: Y
Test Name: <code>InquireClearingMessagesSent</code>			
Test Area: Clearing Messages			
Description: This layout allows to receive clearing messages sent by CC&G during the day.			
Comments: The clearing message is generated upon request in CDS.			

Prerequisites		
#	Test Steps	Expected Results
1.	Execute the InquireClearingMessagesSent	Received NotifyClearingMessagesSent

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