

Document title

TRADING SAFEGUARDS – CONFORMANCE SCRIPT

Version number

V1

Date

1 Jun 2015

Number of pages

4

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PREFACE

PURPOSE

This document details the test cases to be performed by the client in order to certify its trading software following the Trading Safeguards implementation on the Cash market.

TARGET AUDIENCE

The primary audience for this document is all ISV's or Member developers.

ASSOCIATED DOCUMENTS

The following lists the associated documents, which either should be read in conjunction with this document or which provide other relevant information for the user:

- EUA - Limits used for pre-trade safeguards 2, available as follows:
 - CSV format: [tradingsafeguards2-limits-eua.csv](#)
 - Excel format: [tradingsafeguards2-limits-eua.xlsx](#)
 - Via FTP at ftp.euronext.com. FTP login and password to use are the same as for the tick size file.

- PROD - Limits used for pre-trade safeguards 2, available as follows:
 - CSV format: [tradingsafeguards2-limits-prod.csv](#)
 - Excel format: [tradingsafeguards2-limits-prod.xlsx](#)
 - Via FTP at ftp.euronext.com. FTP login and password to use are the same as for the tick size file.

TEST CASES

Client will be asked to perform below test cases with a CTSG Analyst.

Please liaise with CTSG@euronext.com in order to book a session.

Note that if your Trading Software does not allow collar confirmation, Trading Safeguard #3 test case is not mandatory.

■ Trading Safeguards #1

Instructions :

Submit an order (and a BulkQuote if member uses it) on an instrument, with quantity greater than or equal to the limit of 50 million shares.

Success Criteria :

Getting error code 20360: *“Order Qty invalid against Min/Max Qty”*

■ Trading Safeguards #2

Below test cases need to be performed during continuous and non-continuous trading phase (including halted state).

- Bonds instruments

Instructions :

Submit an order (and a BulkQuote if member uses it) on a Bond instrument, with quantity greater than or equal to the “Maximum Quantity” set for the trading group to which the instrument belongs to ([tradingsafeguards2-limits-eua.csv file](#)).

Success Criteria :

Getting error code 20626: *“Max qty reached for order on Bonds”*

- Non Bonds instruments

Instructions :

Submit an order (and a BulkQuote if member uses it) on a non-Bond instrument, having an amount (price multiplied by quantity) greater than or equal to the “Maximum Amount” set for the trading group to which the instrument belongs to ([tradingsafeguards2-limits-eua.csv file](#)).

Success Criteria :

Getting error code 20625: *“Max amount reached for order on Equities”*

■ Trading Safeguards #3

- Without partial execution

CTSG analyst will build an order book this way:

BUY		SELL	
Quantity	Price	Price	Quantity
		110	10

Dynamic reference price = 100 / low dynamic threshold = 97 / high dynamic threshold = 103

Static reference price = 100 / low static threshold = 90 / high static threshold = 110

Instructions :

1. Submit an aggressive buy order (see with CTSG Analyst for order's details)
2. As maximum number of confirmations is defined by Euronext for each instrument, member should confirm 2 successive times the rejected order before getting the error code.

Success Criteria :

1. Getting error code 20428: "Rejected for collar"
2. Getting error code 20428: "Rejected for collar" another time after the 1st confirmation.
3. Getting error code 20488: "Too many collar breach attempts", following the second successive confirmation attempt.

- Partial execution

CTSG analyst will build an order book this way:

BUY		SELL	
Quantity	Price	Price	Quantity
10	99		
10	97		
10	95		
10	93		
10	91.5		
10	90.1		

Dynamic reference price = 100 / low dynamic threshold = 97 / high dynamic threshold = 103

Static reference price = 100 / low static threshold = 90 / high static threshold = 110

Instructions:

1. Submit a market sell order (quantity higher than 60) in order to generate trades with different prices.
2. As maximum number of confirmations is defined by Euronext for each instrument, member should confirm 2 successive times the rejected order before getting cancellation ack for the remaining quantity.

Success criteria:

1. Getting 1 fill @ 99
2. Getting 1 fill @ 97
3. Getting error code 20428: "Rejected for collar"
4. Getting 1 fill @ 95
5. Getting error code 20428: "Rejected for collar" another time after the 1st confirmation.
6. Getting 1 fill @ 93
7. Getting 1 fill @ 91.5
8. Getting a message cancellation for the remaining quantity (**OrdStatus=Z** in acknowledgement)