
CDR Guide

18 January 2020

Customer Dress Rehearsal Guide SOLA 14

v1.1

User Guide

18 January 2020

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1.0 Introduction

1.1 Scope

The purpose of this document is to describe the activities that will take place on Saturday 18 January 2020 during the Customer Dress Rehearsal scheduled for the technological upgrade of SOLA platform for derivatives markets (SOLA 14).

The purpose of the Dress Rehearsal is to verify that all participants' applications can correctly access the IDEM, IDEX and AGREX markets and that all participants are able to perform trading activities and receive market data after the upgrade to SOLA 14.

In particular, participants who will attend are required to:

- verify their logon procedures for all their:
 - SOLA production users
 - HSVF connections
 - all GTP Lite users
- verify they correctly receive GTP multicast flow for IDEM, IDEX and AGREX
- verify they correctly receive HSVF multicast flow for IDEM, IDEX and AGREX (for those customers who request this configuration in advance)
- execute Trading activities validating the correct functioning their Trading applications
- execute Market Making activities validating the correct functioning their Quoting applications
- carry out standard clearing activity.

Customers should be aware that a second Customer Dress Rehearsal is already scheduled for **Saturday, 25th January 2020**. The participation to one out of these two Customer Dress Rehearsal is mandatory.

1.2 Readership

This document outlines the Dress Rehearsal activities that will take place on **Saturday January 18th 2020**.

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1.3 Enquiries

Please contact either Client Technology Services or your Technical Account Manager if you have any functional questions about the SOLA derivatives Market services outlined in this document.

Client Technology Services Italy can be contacted at:

- Technical Account Management
 - Telephone: +39 02 72 42 6512
 - Email: clients-services@borsaitaliana.it
- Service Desk
 - Free Toll Number: 00800 26772000
 - From mobile: +39 02 45411399
 - Email: service-desk@borsaitaliana.it

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2.0 Test Overview

2.1 Introduction

SOLA 14 is the new release of the SOLA platform. With SOLA 14 a number of changes will be introduced, in particular

- the availability of the Liquidity Status indicator field in SAIL and FIX execution reports messages (with the current version this field is available in the Drop Copy flow);
- the Introduction of the Execution Source Code field in the enter/modify order message, bulk quote message and Execution reports in both SAIL and FIX protocols;
- the new TVTIC calculation rule, and TVTIC dissemination in the execution report message in both SAIL and FIX protocols;
- the new execution rule for BNTs (Bilateral Negotiated Transactions) when part of a Bundle Order under the package transaction waiver with quantity below the LIS (with price outside the best bid-offer spread available)
- the new HSVF multicast market data feed service (in addition to the existing HSVF unicast service)

2.2 Available Systems

The test is performed in the production environment of all the services involved:

- SOLA production systems (SAIL, FIX, HSVF unicast and HSVF UDP services)
- GTP Lite production systems
- GTP production systems
- BCS production
- BTS production; customer are informed that the BTS client version to be used during the test is already available on Borsa Italiana website at the link:
<http://www.borsaitaliana.it/borsaitaliana/gestione-mercati/bts-bittradingstation/bts.en.htm>

Customers should also be informed that IDEX Trayport Service will not be activated during the dress rehearsal.

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All trades executed during the test session **will be cancelled at the end of the test** (trades executed on the derivatives markets will be visible on BCS during the test and cancelled right after).

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3.0 Before the test

Before the dress rehearsals, customers are requested to have completed all appropriate development and testing where necessary:

- implemented the changes introduced to the SOLA SAIL, FIX and HSVF protocols by SOLA 14 and tested the new version of their applications
- passed the conformance test on SAIL and/or FIX services (only for ISVs and Member Firms that develop their own software to trade on SOLA markets)
- received the appropriate software and instructions from their ISVs
- for customer that use BTS: downloaded and installed the correct version of the BTS client from Borsa Italiana website (see above)

To enable customers to satisfy these requirements, the documentation of the SOLA 14 version of the SOLA platform (for SAIL, FIX and HSVF) is available on the Borsa Italiana website at the following link

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

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4.0 Trading Date

The trading date will be set to Saturday **18th January 2020**.

Instruments tradable during the session will be the ones configured in production environment for the trading session of Monday, **20th January 2020**.

5.0 Dress Rehearsal Activities

Customers are reminded that:

- the production IP addresses and ports of the SOLA 14 platform will not differ from the ones currently in production;
- during the test customers will have to connect to the same IP addresses and ports they use to connect to production every day;
- the list of available IP and ports for the SOLA platform is available in the document “SOLA Connectivity Guide” available at the following link:

https://www.borsaitaliana.it/borsaitaliana/gestione-mercati/migrazioneidem/solaconnectivityguideissue18_pdf.htm

Also the production IP addresses and ports of the GTP and GTP Lite services will not differ from the ones currently in production, the recap of IP and ports for the GTP and GTP Lite services can be found in document GTP004 available at the following link:

<https://www.lseg.com/areas-expertise/technology/group-technology/group-ticker-plant>

Customers are required to logon from all users for both Trading and Market Data Feed services. During the test customers shall perform the following activities:

- verify the connectivity to the new version of SOLA Platform (SOLA 14) for both Trading (SAIL and/or FIX interfaces) and Market Data services (HSVF and/or GTP and/or GTP Lite)
- validate the trading functions of their in-house and/or third party software applications including quoting systems
- verify the correct message handling of the market data feeds through HSVF (unicast and multicast) and/or GTP and/or GTP Lite services

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Customers are also warmly invited to perform the following activities:

- Login Procedures:
 - Connect to SOLA Platform through all configured users
 - Connect to HSVF and/or GTP Lite through all configured users
- Trading and Quoting activities:
 - Enter / Modify / Cancel Orders
 - Trades management
 - Enter Quotes
 - Modify Quotes
 - Delete Quotes
- Market Data Feed reception: check correct reception of real time feed (orders and prices)
- Clearing activities: standard clearing activity will be available during the test. Customers should note that reports and end of day files via BCS API application will not be generated for this test.

At the end of the test session, participants are required to verify the correct restore of their software applications back to the current production version.

At the end of the Customer Dress Rehearsal internal tests will be performed on SOLA and MIT platforms. Customers are invited to disconnect all the application and disregard any data that may be disseminated.

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6.0 Session Timetable

The Customer Dress Rehearsal will be performed following the schedule reported below:

Start Time	End Time	Phase
8:00		Login available
8:45	9:00	Pre-Opening (FIB and MINI)
09:00	12:00	Continuous Trading (for all instruments but not FIB and MINI)
12:00		Exchange Intervention(for all instruments but not FIB and MINI)
12:00	12:30	Extended Hours for FIB and MINI
12:30	12:41	Exchange Intervention(for all instruments but not FIB and MINI)
12:41	12:45	End of Consultation
12:45	EOD	Mini Batch

Customers can consider the test finished at 12:45 pm CET.

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7.0 After the test

At the end of the test session, Customers are required to confirm the success of their day's testing with regard to:

- Logon procedures
- Trading and Market Making standard activity
- Clearing activities

The preferred approach is for customers to send an email to service-desk@borsaitaliana.it and clients-services@borsaitaliana.it.

7.1 Customer Support

During the test session participants can contact the Borsa Italiana Service Desk for assistance:

Toll Free: 0080026772000

From mobile: +39 02 45411399

email: service-desk@borsaitaliana.it

Technical Account Management will also be on hand for any query.