

July 11, 2019
068/2019-VOP

EXTERNAL COMMUNICATION

To: B3's Market Participants – BM&FBOVESPA Segment

Re: **Business Continuity Test of BM&FBOVESPA PUMA Trading System.**

A business continuity test of the BM&FBOVESPA PUMA Trading System will take place on Saturday, **July 27, 2019**, by means of a mock trading session in the contingency environment in order to validate:

- Connectivity between brokerage houses' primary site facilities and B3's contingency infrastructure
- Execution of the mandatory test script at B3's alternative site

The addresses of the connections between B3's contingency servers and participants, available at www.bvmfnet.com.br, *Download, Conectividade*, must be duly configured and enabled.

The complete test window is scheduled to occur between **1:00 p.m. and 3:00 p.m.** Participation by the brokerage houses, market data vendors and independent software vendors (ISVs) that operate in the BM&FBOVESPA Segment will be **mandatory**.

Participants will access the environment via connectivity sessions or the trading screens they regularly use (ePUMA or proprietary solutions).

1. Mock trading session timetable

Start	End	Phase
1:00 p.m.	2:00 p.m.	Roll call and connectivity test in contingency environment
2:00 p.m.	2:05 p.m.	Pre-opening in contingency environment
2:05 p.m.	2:40 p.m.	Trading: mandatory script in contingency environment
2:40 p.m.	3:00 p.m.	Free trading in contingency environment

2. Scope of mock trading session

The test script for the mock trading session in the contingency environment will cover the following:

- Reception of market data
- Trading (order entry and matching) as per the mandatory script
- Mock free trading (order entry and matching)
- Order cancellation via a supervisory session
- Validation of trading limits (LiNe 4.0 and 5.0), taking into account the limits in force at the end of the trading session on **July 26, 2019** (Friday)
- Management of trading limits (LiNe 4.0 and 5.0)
- Reception of execution messages generated by trading systems
- Reception of order registration, modification and cancellation message drop copies, and execution reports
- Use of Firmsoft order cancellation software
- Reception of electronic trading news
- Interaction with B3 for it to act as counterparty or facilitate execution of specific mock trading scenarios desired by participants
- Regular interaction with B3's Trading Support team by telephone on +55 11 2565-5021 and by email at tradingsupport@b3.com.br, and with the Trading Platform team on +55 11 2565-5022/5023/5024.

The scope of the mock trading session in the contingency environment will not cover the following:

- Use of post-trade systems, and processing of clearinghouse settlement, risk, margin and collateral systems
- PUMA UMDf 2.0 protocol: Feed A and Feed B
- Use of Sinacor system
- Production and delivery of mock trading session reports and files
- Orders entered with validity until **July 26, 2019**

3. Interfaces to be tested in contingency mock trading session

BM&F and Bovespa segments

- Order entry and cancellation interfaces certified for:
 - EntryPoint protocol
 - Supervisory sessions
- Market data feed interfaces certified for:
 - UMDF PUMA Conflated protocol
 - PUMA UMDF 2.0 protocol: Feed C
- Trading screens:
 - ePUMA
 - Proprietary solutions developed by independent technology vendors or participants

4. Morning test of electronic trading system

Because the mock trading session will use B3's contingency addresses and infrastructure, the morning test on **July 29, 2019** (Monday) will exceptionally take place from **7:00 a.m. to 7:45 a.m.** for the **BM&F segment**, and from **7:00 a.m. to 8:00 a.m.** for the **Bovespa segment**, enabling participants to validate the return of their configurations to B3's primary site infrastructure address.

All brokerage houses **must** therefore participate in this morning test.

Other information

The activities to be performed during the test can be found in the mandatory script for mock trading sessions in the contingency environment. Market data on the instruments will be sent during the mock trading session.

Participation in the mock trading session must be confirmed no later than **12 noon** on **Friday, July 26, 2019**, by sending an email to suporteanegociacao@b3.com.br or tradingsupport@b3.com.br with "Business Continuity Test" in the subject line, and a message identifying the institution, naming the individuals who will participate and supplying their contact details (telephone numbers and email addresses). In reply, participants will receive the test script, and must complete and return it to the email addresses supplied.

Personnel responsible for sending the completed script will receive from B3 a participation certificate which, together with the script, will serve as evidence in audits of business continuity processes.

068/2019-VOP



It is important to note that participants in the mock trading session must make the necessary adjustments to their internal systems to ensure that the mock trading session is properly segregated from actual trading sessions.

Further information can be obtained from the Electronic Trading Department by telephone on +55 11 2565-5022, 2565-5023, 2565-5024 or 2565-5021.

José Ribeiro de Andrade
Chief Product and Client Officer