

**FIA INDUSTRY TEST**  
**Saturday, October 26, 2019**  
**CDCC Test Day Script**

<b>Test Component</b>	Derivatives
<b>Exchange/Utility</b>	Canadian Derivatives and Clearing Corporation (CDCC)
<b>Test Day Contact</b>	Technical questions: <b>Technical Help Desk:</b> Toll free 1-877-588-8489 / Local 514-871-7872 MX Business questions: <b>Market Operations Department:</b> Toll free 1-866-576-8836 / Local 514-871-7877 CDCC Business questions: <b>CDCC Operations Lines:</b> 514-871-3545 or 416-367-2470
<b>Test Description</b>	<p>Firms will submit dummy orders for pre-determined products to the Montreal Exchange (MX).  MX will validate the receipt of these orders as defined in the transaction acknowledgement protocol field below.</p> <ul style="list-style-type: none"> <li>- MX participants can use the following protocols for order entry: FIX, SAIL</li> <li>- Market data will be disseminated via the HSVF (unicast &amp; multicast)</li> <li>- Also available for testing – ATR, Drop Copy, TMS, Clearing API, MX FTP/SFTP server (EOD and PAR Reports), LOPR.</li> </ul> <p>Trade data will flow through from MX to CDCC's SOLA® Clearing system (<b>Connectivity – trade processing for clearing</b>),</p> <p>Within CDCS' Disaster Recovery (DR) environment, Clearing Members would be able to enter the system following login in, access and visualize trades.</p> <p>Please note that specific CDCC reports will be provided as of Monday, October 28, 2019 following end of day batch.</p> <p>As access to the CDCC File Transfer Protocol (FTP) / Secured FTP (sFTP) Server will be available, CDCC would request that Clearing Members attempt to access the latter in a DR-mode and advise CDCC staff if their file directory was readily accessible (Clearing Members can send an e-mail to <a href="mailto:cdccops@tmx.com">cdccops@tmx.com</a>).</p> <p>CDCC will likewise request those Clearing Members with a FIXML connection feed to please test their connectivity to this in a DR-mode, including the FIXML FTP / SFTP Server, and advise CDCC staff if everything was readily accessible (Clearing Members can send an e-mail to <a href="mailto:cdccops@tmx.com">cdccops@tmx.com</a>).</p>

	NOTE: Pre-test /connectivity is scheduled for Saturday, September 14, 2019, from 11:00 am to 1:00 pm Eastern Time (ET).		
<b>System Date</b>	Saturday, October 26, 2019		
<b>Trade Date</b>	Saturday, October 26, 2019		
<b>Projected Start/End Times</b>	<b>Pre Open</b>	<b>11:00 ET</b>	MX pre-market in DR mode, orders accepted
	<b>Opening</b>	<b>11:15 ET</b>	Market open in DR mode and accepting trades. Trade data will flow from the MX to CDCC's SOLA@-C system.
	<b>Closing</b>	<b>13:30 ET</b>	Market close. End of testing. MX and CDCC will not delete orders and trades from the environment. We strongly encourage all participants to clean up all backend system after testing.
	<b>Batch Process</b>	<b>14:00 ET</b>	
	<b>FTP access</b>	<b>15:00 ET</b>	MX and CDCC FTP/sFTP servers will remain available.
<b>Registration and additional details</b>	Firms must register via the FIA website: <a href="https://secure.fia.org/bcp/test-registration.asp">https://secure.fia.org/bcp/test-registration.asp</a> .  MX will publish a Technical Notice with details and schematic of the sequence of events. Please consult the Technical Notice section of our website: <a href="http://www.m-x.ca/connect_avis_tech_en.php">http://www.m-x.ca/connect_avis_tech_en.php</a> .		
<b>Systems to Be Used for Testing</b>	CDCC's CDCS DR environment		
<b>Transaction Count</b>	Minimum of 2 Transactions		

Test Transaction	Transaction Type (Buy/Sell, Receive/Deliver, Wire, etc.)	Security Identifier (Symbol/CUSIP/ISIN)	Quantity	Price		Transaction Status (was the order successfully entered on the correct exchange)		
				Bid	Ask			
1	B/S	BAX November 2019 BAXX19	1	97.50	98.50	Success	Fail	Other
2	B/S	SXF June 2020 SXF20	1	700.00	1100.00	Success	Fail	Other
3	B/S	SXO Dec 19 1000.00 Call (SXO 191220C1000.00)	1	2.00	10.00	Success	Fail	Other

4	B/S	SU Jan 20 52.00 Call (SU 180216P36.00)	1	0.10	2.00	Success	Fail	Other
5	B/S	MFC Jan 22 21.00 Put (MFC 220121P21.00)	1	0.05	3.00	Success	Fail	Other
<b>MX to provide automated Market</b>		<p>MX will provide bids and offers for the above instruments.  Participants will be able to lift or hit MX market.  Firm IDs (mnemonic) representing the MX will be 901 and 902.</p>						

<b>Transaction Acknowledgment Protocol</b>	<p>For each order/transaction, members will receive an order/trade confirmation through the initial order entry protocol used.  Note: receiving a rejection message implies a successful connectivity test as well.</p>
<b>Availability of Test Day Direct dial in line</b>	<p>Business questions: CDCC Operations line 514-871-3545 or 416-367-2470 or <a href="mailto:cdcc-ops@tmx.com">cdcc-ops@tmx.com</a>  Technical questions: Technical Help Desk: 1-877-588-8489 or <a href="mailto:DR-BCSupport@tmx.com">DR-BCSupport@tmx.com</a></p>
<b>Completion of Test Acknowledgement Protocol</b>	<p>When you have completed your testing, participants are to inform CDCC via email to <a href="mailto:cdcc-ops@tmx.com">cdcc-ops@tmx.com</a>.</p>

**Contact Information for Industry Test Coordinators (list in order primary, secondary, Technical (IT), other)**

	Name	Email address	Phone	Cell Phone	Fax
<b>P</b>	CDCC CORPORATE OPERATIONS	<a href="mailto:CDCCOPS@TMX.COM">CDCCOPS@TMX.COM</a>	(514) 871-3545 (MTL) or (416) 367-2470 (TOR)	N/A	N/A
<b>S</b>	TECHNICAL HELP DESK	<a href="mailto:DR-BCSupport@tmx.com">DR-BCSupport@tmx.com</a>	1-877-588-8489 or (514) 877-7872 (MTL)	N/A	N/A