
Industry Checkpoint Call

June 8, 2021

Agenda

- Production Statistics
- Open Issues
- General Announcements and Reminders
- Upcoming Key Dates
- Q&A

Production Statistics

Equities – Rolling Five Day Period

Initial T+1 vs. T+5 8 am Data Ready for Regulators

May 20, 2021 – June 2, 2021

Trade Date	Late%	Rejection Initial	Rejection Adjusted	Intrafirm Initial	Intrafirm Adjusted	Interfirm Sent Initial	Interfirm Sent Adjusted	Interfirm Received Initial	Interfirm Received Adjusted	Exchange Initial	Exchange Adjusted	TRF Initial	TRF Adjusted	Overall Error Rate Initial	Overall Error Rate Adjusted
5/20/2021	.0142%	.0018%	.0015%	.0070%	.0049%	.0099%	.0091%	.0191%	.0130%	.0315%	.0006%	2.9161%	1.8519%	.0322%	.0230%
5/21/2021	.0390%	.0017%	.0014%	.0653%	.0040%	.0094%	.0084%	.0140%	.0134%	.0120%	.0008%	1.9878%	1.9510%	.0893%	.0475%
5/24/2021	.0417%	.0022%	.0019%	.0063%	.0042%	.0099%	.0088%	.0151%	.0129%	.0096%	.0005%	2.7684%	2.7413%	.0562%	.0524%
5/25/2021	.0057%	.0022%	.0019%	.0077%	.0033%	.0091%	.0083%	.0124%	.0116%	.0117%	.0005%	2.0475%	2.0175%	.0197%	.0143%
5/26/2021	.0025%	.0050%	.0018%	.0062%	.0044%	.0091%	.0084%	.7940%	.7929%	.0130%	.0006%	2.3072%	2.2701%	.1196%	.1127%
5/27/2021	.0236%	.0023%	.0010%	.0068%	.0048%	.0110%	.0104%	.0153%	.0143%	.0118%	.0051%	2.5597%	2.5057%	.0380%	.0340%
5/28/2021	.0040%	.0056%	.0017%	.0059%	.0052%	.0106%	.0097%	.0432%	.0146%	.0068%	.0011%	2.8392%	2.8139%	.0250%	.0159%
6/1/2021	.1089%	.0023%	.0021%	.0162%	.0062%	.2433%	.0250%	.1573%	.0126%	.0079%	.0011%	3.1824%	3.1600%	.1754%	.1236%
6/2/2021	1.0864%	.0425%	.0422%	.0200%	.0060%	.2542%	.2191%	.8580%	.4763%	.0092%	.0018%	3.2043%	3.1884%	1.2865%	1.2231%

Options – Rolling Five Day Period

Initial T+1 vs. T+5 8 am Data Ready for Regulators

May 20, 2021 – June 2, 2021

Trade Date	Late%	Rejection Initial	Rejection Adjusted	Intrafirm Initial	Intrafirm Adjusted	Interfirm Sent Initial	Interfirm Sent Adjusted	Interfirm Received Initial	Interfirm Received Adjusted	Exchange Initial	Exchange Adjusted	Overall Error Rate Initial	Overall Error Rate Adjusted
5/20/2021	.0015%	.0079%	.0070%	.0083%	.0044%	.0522%	.0428%	.0997%	.0752%	.0496%	.0099%	.0343%	.0165%
5/21/2021	.0656%	.0079%	.0067%	.1064%	.0048%	.0530%	.0434%	.0629%	.0580%	.0099%	.0092%	.1485%	.0804%
5/24/2021	.0329%	.0043%	.0041%	.0075%	.0039%	.0659%	.0579%	.0888%	.0787%	.0392%	.0350%	.0576%	.0533%
5/25/2021	.0001%	.0035%	.0034%	.0054%	.0030%	.0650%	.0537%	.3111%	.3087%	.0077%	.0073%	.0152%	.0131%
5/26/2021	.0001%	.0068%	.0067%	.0049%	.0037%	.0613%	.0523%	.1176%	.1126%	.0106%	.0098%	.0164%	.0150%
5/27/2021	.0001%	.0068%	.0066%	.0080%	.0049%	.0599%	.0506%	.0655%	.0622%	.0111%	.0099%	.0179%	.0150%
5/28/2021	.0019%	.0095%	.0093%	.0075%	.0052%	.1071%	.0611%	.0780%	.0701%	.0125%	.0089%	.0237%	.0199%
6/1/2021	.0295%	.0046%	.0045%	.0302%	.0051%	.2180%	.0545%	.9496%	.0712%	.0065%	.0062%	.0718%	.0411%
6/2/2021	.1121%	.0057%	.0056%	.0285%	.0041%	.1748%	.0554%	1.2926%	.0866%	.0074%	.0073%	.1597%	.1247%

Open Issues (2a/2b)

FINRA CAT File Submission and Data Integrity (2a/2b)

Open Issues List – As of 6/8/2021

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area
1	Open	N/A	Successful file delete submissions are incorrectly getting counted in the rejected files count in the statistics. Does not impact Compliance Error Rate.	Code Release	Low	2Q 2021	2Q 2021	Statistics
2	Open	N/A	FINRA CAT did not recognize the early close and improperly marked events that occurred between 1:15 and 4:15 pm ET and were reported by 8 am ET on the next CAT Trading Day as late events. Impact is limited to two days - 11/27/2020 & 12/24/2020.	Code Release	Low	2021	2021	Statistics

FINRA CAT Linkage (2a/2b)

Open Issues List – As of 6/8/2021

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area
1	Open	N/A	Parent not found and Named errors that are reconciled continue to be displayed as 'U' (Unrepaired) in Error Summary & Error Search screens. Feedback & Reporting Summary statistics are not impacted by this issue.	Code Release	High	Update: Currently evaluating alternative approach	Update: Currently evaluating alternative approach	Error Summary & Error Search Reporter Portal
2	Open	3601	Out of Sequence Errors that are caused by an incorrect Time Stamp on the parent event are not being properly reconciled when the parent Time Stamp is corrected. Repaired counts and Adjusted Unlinked Rate are impacted by this issue.	Code Release	High	2021	2021	Intrafirm Statistics
3	Open	Multiple	Parent not found errors are being generated for open option orders when the option symbol changes due to corporate action.	Code Release	Low	Update: 2021 Note that this issue only impacts Options Intravenue Exchange Errors	Update: 2021 Note that this issue only impacts Options Intravenue Exchange Errors	Intrafirm Linker Feedback & Statistics
4	Open	9004 8004 7004 5004	FINRA CAT did not recognize the early close and improperly marked as unlinked, certain events that occurred between 1:15 and 4:15 pm ET and were reported by 8 am ET on the next CAT Trading Day. Any events that were marked as unlinked were automatically reconciled the following day. Impact is limited to two days - 11/27/2020 & 12/24/2020.	Code Release	Low	2021	2021	Interfirm Exchange Trade Linker Feedback

FINRA CAT Linkage (2a/2b)

Open Issues List – As of 6/8/2021

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area
5	Open	396	FINRA CAT is incorrectly generating warnings on secondary events in instances where the parent DAY order was subsequently modified to a GTC order.	Code Release	Medium	To be scheduled	To be scheduled	Intrafirm Linker Feedback
6	Updated-Open	8003 8004 9003 9004 4003 5004	FINRA CAT is incorrectly generating an unlinked error for the first time on T+4 for previously linked events in scenarios when the two events that were initially linked occurred on two separate trade dates. For example, an order routed at 6 pm on one calendar day and is reported as accepted by the receiving firm at 8 am on the next calendar day.	Code Release	Medium	To be scheduled	To be scheduled	Interfirm & TRF Linker Feedback
7	Open	6003	Industry Members are incorrectly receiving options exchange unlinked errors for subsequent day order modifications/ adjustments to long lived orders previously routed to the exchange. Options exchanges must report modifications in these instances. Nine firms impacted.	N/A	Medium	3Q 2021	3Q 2021	Options Exchange Linker Feedback

FINRA CAT Open Issues List (2a/2b)- Planned Enhancements

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date	Production Environment Targeted Release Date	Area
1	Open	2122	Incorrect error code is generated when an array field (e.g., clientDetails) is populated as a Name/Value pair.	Code Release	Low	To be scheduled	To be scheduled	Ingestion Validations
2	Open	2027	Incorrect error code is being generated when eventTimestamp is a future date (2027- eventTimestamp must be in the correct format instead of 2139 - eventTimestamp is greater than the current date and time).	Code Release	Low	To be scheduled	To be scheduled	Ingestion Validations

Open Issues (2c)

FINRA CAT Linkage 2c

Open Issues List – As of 6/8/2021

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area
1	Open	6003 7004 8003 8004 9003 9004	FINRA CAT is generating an incorrect unlinked error when the date portion of the Route Event timestamp is on a weekend and the date portion of the Accept/Modify Event timestamp is for the next business day.	Code Release	High	6/19/2021	6/19/2021	Interfirm & Exchange Linkage Feedback
2	NEW-Open	3504	FINRA CAT is generating an incorrect parent not found error for representative orders originated to aggregate other representative orders.	Code Release	Medium	6/19/2021	6/19/2021	Intrafirm Linkage Feedback
3	NEW-Open	3501	Due to a Reference Data issue involving a corporate action for symbol IAC some incorrect linkage errors were generated the week of 5/25. The issue continues to impact open GTC Orders in IAC.	Reference Data Update	Medium	Target 6/18/2021	Target 6/18/2021	Intrafirm Linkage Feedback

General Announcements and Reminders

Industry Member 2d Release Rollout

<p>Release 2d1 Industry Test – 6/28/2021</p>	<p>Release 2d2 Industry Test – 7/19/2021</p>	<p>Release 2d3 Industry Test – 8/2/2021</p>	<p>Release 2d4 Industry Test – 8/23/2021</p>	<p>2d Go-live Production – 12/13/2021</p>
<p>Ingestion Industry Test Open for Machine-to-Machine File & Data Integrity Validations & Feedback</p> <ul style="list-style-type: none"> • Syntax Validations • Conditional Validations <p>CAT Reporter Portal</p> <ul style="list-style-type: none"> • Manual File Upload • Reporting Summary Statistics 	<p>Intrafirm Linkage Industry Test Open for Machine-to-Machine Intrafirm Linkage Validations & Feedback</p> <ul style="list-style-type: none"> • Reference Data Validations on senderIMID, receiverIMID, destination and legDetails OptionID/Symbol <p>CAT Reporter Portal</p> <ul style="list-style-type: none"> • Linkage File feedback • Linkage Statistics • Error Summary and Error Search including Error Correction • Direct Data Entry 	<p>Interfirm Linkage Industry Test Open for Machine-to-Machine Interfirm/Exchange Linkage Validations & Feedback</p> <ul style="list-style-type: none"> • Interfirm Quote Linkage • Interfirm/Exchange linkage for Route Modification Events including Unlinked feedback for Routed Order ID Mismatch <p>CAT Reporter Portal</p> <ul style="list-style-type: none"> • Support Clearing Firm View of Correspondent Reporting Feedback submitted by Third-Party Vendor 	<p>Multi-leg Linkage Industry Test Open for Machine-to-Machine Multi-leg Linkage Validations & Feedback</p> <ul style="list-style-type: none"> • Interfirm & Exchange for Multi-leg Events • Firm to Exchange Trade Linkage <p>CAT Reporter Portal</p> <ul style="list-style-type: none"> • Reconciliation Statistics 	<p>Ingestion & All Linkage Production Open for Machine-to-Machine File, Data Integrity and All Linkage Validations & Feedback</p> <p>CAT Reporter Portal</p> <ul style="list-style-type: none"> • Manual File Upload • Reporting Summary Statistics including reconciliation • Linkage File Feedback • Error Summary and Error Search including Error Correction • Direct Data Entry • Support Clearing Firm View of Correspondent Reporting Feedback submitted by Third-Party Vendor

Phase 2d Compliance Date – 12/13/2021

Other General Reminders

- ▶ A new login screen for the Reporter Portal will be available in Production on June 20, 2021. On the new login screen, the User ID and Password are entered on the same screen.
 - This functionality is available in Production-Mirror effective June 6, 2021.

Upcoming Webinars

- ▶ Through the month of August, Industry Testing Checkpoint Calls will be held monthly. The next Checkpoint Call will be held in early July.
- ▶ Small Firm Roadmap Webinar on June 10, 2021 at 11:00 am ET.
- ▶ Phase 2d CAT Reporting Requirements for Open Outcry Trades on June 15, 2021 at 4:15 pm ET.
- ▶ Monthly CAT Implementation Update on June 17, 2021 at 4:15 pm ET. Staff from FINRA (SRO) will provide an update on the status of OATS retirement.
- ▶ Phase 2d Industry Webinar Call on June 24, 2021 at 1:00 pm ET.

Upcoming Key Dates

Upcoming Key Dates for Phase 2d

Topic	Event	Date
Industry Call: Industry Testing Checkpoint	Periodic Industry Testing Checkpoint Calls – Designated Tuesdays at 4:15 pm (ET)	January 7, 2020 until further notice
Release Availability	Test Environment Opens for Phase 2d reporting requirements	June 28, 2021
Compliance Go-Live	Production Go-Live for Phase 2d reporting requirements	December 13, 2021

FINRA CAT Helpdesk

Questions may be directed to the FINRA CAT Helpdesk at 888-696-3348 or help@finracat.com

How to Ask a Question during Today's Call

- **For participants using computer audio:**
 - Click the “Raise Hand” button at the bottom of the participant’s window.
 - A visual prompt will indicate that your line has been unmuted.
- **For participants using phone audio:**
 - Enter *9 on your phone keypad.
 - An audio prompt will indicate that your line has been unmuted.