

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

December 30, 2020 – January 06, 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
12/30/2020	.0063%	.0033%	.0001%	.0084%	.0079%	.0253%	.0232%	.3266%	.2879%	.0384%	.0279%	.2546%	.1816%	.0679%	.0570%
12/31/2020	.0018%	.0046%	.0001%	.0046%	.0024%	.0245%	.0215%	.0619%	.0322%	.0391%	.0270%	.4897%	.1511%	.0292%	.0162%
1/4/2021	.0390%	.0220%	.0005%	.0115%	.0021%	.4617%	.3630%	.5303%	.4728%	.1160%	.1154%	.2658%	.2562%	.2198%	.1716%
1/5/2021	.0061%	.0005%	.0000%	.0063%	.0044%	.0259%	.0229%	.0197%	.0171%	.1048%	.0943%	.2104%	.1825%	.0358%	.0315%
1/6/2021	.0083%	.0004%	.0001%	.1237%	.1231%	.0311%	.0181%	.0201%	.0189%	.1059%	.0971%	.2011%	.1816%	.1134%	.1091%

Options – Rolling Five Day Period

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

December 30, 2020 – January 06, 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
12/30/2020	.0162%	.0056%	.0052%	.0063%	.0062%	.1163%	.0909%	.5082%	.1297%	.9482%	.9466%	.3328%	.3261%
12/31/2020	.0001%	.0044%	.0044%	.0190%	.0189%	.1609%	.1593%	.1552%	.1519%	.9599%	.9583%	.3238%	.3232%
1/4/2021	4.8668%	5.5419%	5.5407%	.3370%	.3368%	1.1034%	1.0991%	.1483%	.1363%	14.2530%	.5245%	14.8485%	10.4484%
1/5/2021	.0000%	.0092%	.0092%	.2443%	.2443%	.0281%	.0236%	.1129%	.1107%	.5112%	.3925%	.3150%	.2772%
1/6/2021	.6384%	.0032%	.0025%	.2548%	.2547%	.3893%	.0203%	13.5478%	.0699%	.5646%	.4278%	1.1830%	.9217%

Open Issues

FINRA CAT File Submission and Data Integrity

Open Issues List – As of 1/12/2021

#	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 is incorrectly accepting timeInForce of GTD without a valid date.	Code Release	Medium	2c only: 1/25/2021	2c only: 4/26/2021	Ingestion Feedback & Statistics
3	Open	N/A	FINRA CAT did not recognize the early close and improperly marked as late, events that occurred between 1:15 and 4:15 pm ET and were reported by 8 am ET on the next CAT Trading Day. Impact is limited to two days – 11/27/2020 & 12/24/2020.	Code Release	Low	2021	2021	Statistics
4	Open	N/A	The below values are not yet implemented: <ul style="list-style-type: none"> handlingInstructions values 'TTF', 'TTO', and 'TTS'. 	Code Release	Medium	2a/2b: 1/25/2021	2a/2b: 2/14/2021	Ingestion
						2c: 1/25/2021	2c: 4/26/2021	

FINRA CAT Linkage

Open Issues List – As of 1/12/2021

#	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	1Q 2021	1Q 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	Medium	1Q 2021	1Q 2021	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

Open Issues List – As of 1/12/2021

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area
5	Open	5004 7004 8004 9004	FINRA CAT is incorrectly removing from intervene linkage route events for orders originated prior to Go-Live.	Code Release	Medium	Update: 1/25/2021	Updated: 1/25/2021	Interfirm Exchange Trade Linker Feedback
6	Open	8003 8004 9003 9004	FINRA CAT is incorrectly generating interfirm unlinked errors for OTC equity securities when both sides report but the destinationType/ senderType don't match. For example, destinationType= O and senderType= F.	Code Release	Medium	Update 2a/2b: 2/8/2021	Update 2a/2b: 2/8/2021	Interfirm Linker Feedback
						Update 2c : 2/8/2021	Update 2c : 4/26/2021	
7	NEW-Open	7004	Named Errors related to exchange linkage are not reconciled when the CAT Reporter IMID and senderIMID are not the same on the late/corrected route. Does not impact Compliance Error Rate.	Code Release	Medium	1/25/2021	1/25/2021	Exchange Linkage Statistics

FINRA CAT Open Issues List – Planned Enhancements

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date	Production Environment Targeted Release Date	Area
1	Open	2133	For Name/Value Pair Data type fields, providing a value that is not in allowable values list returns error code 2133 (Additional Field) instead of error code 2101 (Missing or Invalid timeInForce).	Code Release	Low	2c only: March 2021	2c only: 4/26/2021	Ingestion Validations
2	Open	2122	Incorrect error code is generated when an array field (e.g., clientDetails) is provided as a Name/Value pair.	Code Release	Low	To be scheduled	To be scheduled	Ingestion Validations
3	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

FINRA CAT Recently Closed Issues List

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area
1	Closed	396	Intra-Linkage Warning Code 396 (Incorrect timeInForce on related Primary event) is not yet implemented.	Code Release	Medium	Update:1/9/21	Update:1/9/21	Intrafirm

General Announcements and Reminders

Phase 2c Cutover

- **Part Two of the Phase 2c Cutover webinar is scheduled during the January 19, 2021 Weekly Industry Checkpoint Call**
 - A new Prod Mirror Environment has been established for Industry Members to test Phase 2a/2b CAT reportable activity
 - Industry Members may now test connectivity to the new Prod Mirror Environment via SFTP, the Reporter Portal and PrivateLink
 - AWS PrivateLink connectivity information for the new Prod Mirror Environment has been distributed
 - The Connectivity Supplement for Industry Members will be updated with the new Prod Mirror URLs
 - SFTP:
 - Private Line: sftp.prodmirror.ct.catnms.com
 - AWS Private Link: sftp-pl.prodmirror.ct.catnms.com
 - IM Reporter Portal:
 - SRG: <https://srg.prodmirror.ct.catnms.com>
 - Private Line: <https://reporterportal.prodmirror.ct.catnms.com>
 - AWS Private Link: <https://reporterportal-pl.prodmirror.ct.catnms.com>
 - The existing Industry Test Environment will support Phase 2c reportable activity on January 25, 2021
 - The Prod Mirror Environment will be open and support Phase 2a/2b reportable activity by January 25, 2021

Announcements

- Updates to the Phase 2c and Phase 2d Technical Specifications were published on January 8, 2021
- Updates to the Phase 2a/2b and Phase 2c Reporting Scenarios documents were published on January 8, 2021

Reference Data Updates

- Existing versions of the Options Start of Day and End of Day symbol files without the test flag will continue to be available until January 29, 2021, when they will be retired. Firms that use these files should plan to transition to the new versions with the test flag prior to that time.
- Effective December 21, 2020, FINRA CAT began publishing two additional symbol master files to the Reference Data page on the CAT NMS Plan website, one to provide intraday updates to the Equity Securities list and one for intraday Options symbol updates. The intraday files are updated approximately every two hours, beginning at 10:30 a.m. ET, until the End of Day files are published.

Upcoming Key Dates

Upcoming Key Dates for Phases 2c and 2d

Topic	Event	Date
Industry Call: Industry Testing Checkpoint	Industry Testing Checkpoint Calls – Tuesdays at 4:15 pm (ET)	January 7, 2020 until further notice
Release Availability	Test Environment Opens for Equities Phase 2c reporting requirements	January 25, 2021
Compliance Go-Live	Production Go-Live for Equities 2c reporting requirements	April 26, 2021
Release Availability	Test Environment Opens for Options Phase 2d reporting requirements	June 28, 2021
Compliance Go-Live	Production Go-Live for Options 2d reporting requirements	December 13, 2021

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.

FINRA CAT Helpdesk

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