
Daily Industry Checkpoint Call

June 23, 2020

Agenda

- Production and Industry Test Release Updates
- General Announcements & Reminders
- Upcoming Key Dates
- Q&A

Industry Test Release Update

Industry Member 2a/2b – Release 1 (File & Data Integrity) Release Rollout

Live in Industry Test

11/18/2019

Industry Test Release 1.1

- CAT Reporter Portal: ATS Order Types
- CAT Reporter Portal: CAT Reporting Relationships
- Multi-Factor Authentication Enabled
- Publication of IMID & Conflict List to catnmsplan.com
- Publication of Issue/Option Symbol Reference Lists to catnmsplan.com

12/16/2019

Industry Test Release 1.2

- Industry Test Open for Machine-to-Machine File & Data Integrity Validations & Feedback
- CAT Reporter Portal: Basic File Statistics
- CAT Reporter Portal: Manual File Upload

2/24/2020

Industry Test Release 1.3

- CAT Reporter Portal: File Submission feedback
- CAT Reporter Portal: Reporting Statistics (i.e. number of records received, accepted, rejected and feedback summaries)
- CAT Reporter Portal: Error Rates
- CAT Reporter Portal: Direct data entry & corrections
- CAT Reporter Portal: Bulk Repair of applicable Syntax/Semantic Errors

03/23/2020

Industry Test Release 1.4

- Announcements
- System Status

Open

4/13/2020

Prod Environment Open

- 2a Go-Live – June 22
- 2b Go-Live – July 20

Industry Member 2a/2b – Release 2 (Intrafirm) Release Rollout

Intrafirm Release 2.1 Industry Test – 4/20/2020

- Industry Test Open for Machine-to-Machine Intrafirm Validations & Feedback
- CAT Reporter Portal: Basic Intrafirm Statistics

Intrafirm Release 2.1 Production – 5/4/2020

- Production Open for Machine-to-Machine Intrafirm Validations & Feedback

Intrafirm Release 2.2 Industry Test – 5/18/2020 Production – 5/18/2020

- CAT Reporter Portal
 - Linkage File feedback
 - Basic Intrafirm Statistics Simplified Screen-Intrafirm Errors/Warnings Counts
 - Remove Error Codes 3008 and 3009

Intrafirm Release 2.3 Industry Test – 6/1/2020 Production – 6/1/2020

- CAT Reporter Portal
 - Linker Error Statistics (i.e. number of records with Linker Errors or Warnings by Error Codes)
 - Comprehensive Intrafirm Statistics (including adding Attempted counts, Repaired Records and Adjusted Intrafirm Error Rates)

Intrafirm Release 2.4 Industry Test – 6/29/2020 Production – 6/29/2020

- CAT Reporter Portal
 - Ability to view and correct Intrafirm Linkage Errors

Phase 2a Intrafirm Compliance Date – 7/27/2020
Phase 2b Intrafirm Compliance Date – 8/24/2020

Production Status – June 15 – June 19, 2020 Statistics

Processing Week	File Rejection Rate	EQUITIES					OPTIONS				
		Firm Count	Total Accepted	Late %	Reject %	Unlink %	Firm Count	Total Accepted	Late %	Reject %	Unlink %
06/15 – 06/19	3.59%	600	36,424,606,198	5.39%	1.31%	2.37%	237	91,807,119	1.42%	0.46%	24.02%

Production Status – June 22, 2020 Statistics

Trade Date	Product	Firm Count	No. of Records Processed	No. of Records Accepted Late	No. of Records Rejected	No. of Records Repaired	Initial Compliance Error Rate	Adjusted Compliance Error Rate
6/22/2020	EQUITIES	1,041	12,234,821,923	3,051,580	57,185,449	4,581	0.492341%	0.492303%
	OPTIONS	267	275,890,077	18	25,614	1,117	0.009291%	0.008886%
	UNKNOWN	21	41,837,961	0	41,817,984	19,740	99.952251%	99.905069%

➤ Please note for June 23, 2020 SFTP feedback is currently delayed.

Industry Test Status – June 15 – June 19, 2020 Statistics

Processing Date	File Rejection Rate	OPTIONS				
		Firm Count	Total Accepted	Late %	Reject %	Unlink %
6/15/2020	4.68%	369	1,307,540,136	3.02%	13.07%	0.71%
6/16/2020	16.62%	377	1,091,675,676	0.88%	0.22%	0.53%
6/17/2020	4.61%	355	878,580,836	0.58%	15.83%	1.60%
6/18/2020	4.58%	361	776,679,800	0.46%	15.72%	0.92%
6/19/2020	9.03%	402	484,926,591	6.63%	6.05%	0.77%

FINRA CAT File Submission and Data Integrity Open Issues List – As of 6/23/2020

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area
1	Open	N/A	Reporter Portal is not accurately reflecting Repair Count and Adjusted Error Rate when corrections submitted for a single day per firm exceed 100,000. Additionally, Error Counts on Error Summary screen do not reflect errors in excess of 100,000.	Code Release	Medium	Completed	Workaround: FINRA CAT Helpdesk will support Long term fix: 6/29/2020	Events Statistics
2	Open	N/A	The Accepted Late on the Reporter Portal incorrectly includes rejections. Compliance Error Rate is accurate and is not impacted by this issue.	Code Release	Medium	To be scheduled	To be scheduled	Reporter Portal

FINRA CAT Intrafirm Open Issues List – As of 6/23/2020

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area
1	Open	N/A	FINRA CAT is incorrectly generating a parent not found error for certain secondary events where the parent originated on a non-business day.	Code Release	Medium	Completed	6/29/2020	Intrafirm Linkage Feedback
2	NEW-Open	3501	FINRA CAT is incorrectly generating parent not found errors for MONOS events that reference an orderID belonging to an MOOA event.	Code Release	Medium	To be Scheduled	To be Scheduled	Intrafirm Linkage Feedback

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	To be scheduled	To be scheduled	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 – As of 6/23/2020

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date	Production Environment Targeted Release Date	Area
1	Closed	N/A	FINRA CAT is incorrectly accepting pipe () value in text fields within multi-dimensional array (e.g. <i>orderID</i> in aggregatedOrders).	Code Release	Medium	6/12/2020	6/19/2020	Ingestion Validation
2	Closed	N/A	The CAT Reporter Portal allows users to successfully create events without all required fields populated if the user clicks the “Create” button more than once while populating the event. The record is then rejected upon submission as all required fields are not populated.	Code Release	Medium	6/22/2020	6/22/2020	Reporter Portal Create Event
3	Closed	2153	Receipt of improperly Bz2 compressed file results in no ingestion feedback being provided to the submitter. The file should fail ingestion as unreadable.	Code Release	Medium	6/22/2020	6/22/2020	Integrity Validation
4	Closed	N/A	Reporter Portal is not displaying Intrafirm repaired counts in Reporting Summary in Industry Test Environment. This has not been observed in Production Environment.	Code Release	High	6/22/2020	6/22/2020	Intrafirm Reporter Portal

Planned Industry Member Technical Specification Updates- Last Updated 6/23/2020

#	Status	Summary	Release Date	Spec Version
1	Open	Add allowable values for Members Exchange <ul style="list-style-type: none"> • destination/senderIMID: MEMX • marketCenterID: U 	6/22/20	2a
2	Open	Update TRF Linkage Key to remove timestamp as discussed during the 6/16/20 Technical Specification Working Group	6/22/20	2a

General Announcements & Reminders

FINRA CAT Announcements & Reminders

- Updated Phase 2a/2b and Phase 2c IM Technical Specifications were published today.
- Phase 2b production certification is due by July 6, 2020.
 - Firms who are already certified for Phase 2a are not required to recertify for Phase 2b.
- Consolidated Audit Trail, LLC and FINRA CAT, LLC will host Daily Industry Checkpoint Calls at 4:15 pm ET until June 26, 2020.
 - Checkpoints will focus on key announcements and reminders, known issues and Q&A.
 - Every Tuesday, FINRA CAT will provide onboarding and reporting statistics for the previous week. These presentations will be posted to www.catnmsplan.com.

FINRA CAT Announcements & Reminders

- Beginning June 29, 2020, new versions of the Options Start of Day and End of Day symbol files will include Test Option Series flag identifying options test symbols and will be published daily.
- Existing versions of the files without the test flag will continue to be available until December 14, 2020, when they will be retired. Firms that use these files should plan to transition to the new versions prior to that time.

Upcoming Key Dates

Upcoming Key Dates for Release 2a/2b

Topic	Event	Date
Industry Call: Industry Testing Checkpoint	Daily Industry Testing Checkpoint Calls at 4:15 pm (ET)	June 15, 2020- June 26, 2020
Compliance Go-Live	Compliance Go-Live for Equities 2a file submission and data integrity validations	June 22, 2020
Industry Test Certification	Industry Members and CAT Reporting Agents must complete production readiness testing for 2b reporting	July 6, 2020
Compliance Go-Live	Compliance Go-Live for Options 2b file submission and data integrity validations	July 20, 2020
Compliance Go-Live	Compliance Go-Live for Equities Phase 2a Intrafirm Compliance Date	July 27, 2020
Report Card	Equities ONLY- Report Card Availability	August 17, 2020
Compliance Go-Live	Compliance Go-Live for Options Phase 2b Intrafirm Compliance Date	August 24, 2020
Report Card	Equities AND Options- Report Card Availability	September 15, 2020

The Timeline can be found at <https://catnmsplan.com/timeline>

How to Ask a Question during Today's Call

- **For participants using computer audio:**
 - Click the “Raise Hand” button at the bottom of the participants 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

Appendix

Onboarding – Certification of Production Readiness Testing

- Once CAT Reporters have completed **all** onboarding steps, including the successful completion of the Production Readiness Testing, each IM and CRA must contact the FINRA CAT Helpdesk (888-696-3348 or help@finracat.com).
- The FINRA CAT Helpdesk will require the Processing Date(s) on which the testing occurred.
- Upon verification of the Production Readiness Testing and all other Onboarding Steps by FINRA CAT, CAT Reporters will be granted access to the CAT Production Environment, and a notification confirming access will be sent.

FINRA CAT Onboarding Guide is posted at <https://catnmsplan.com/registration/>