

---

# Daily Industry Checkpoint Call

          
June 16, 2020

# Agenda

---

- Industry Test Release Update
- 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](http://catnmsplan.com)
- Publication of Issue/Option Symbol Reference Lists to [catnmsplan.com](http://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

# Industry Test Status – As of June 15, 2020 Statistics

---

Item	Statistic – Last Week	Statistic – This Week	Increase/Decrease
Number of Firms Certified	1,200	1,273	Increased by 73 firms
Number of Firms operating under CAT Reporter Agreements	1,452	1,455	Increased by 3 firms
Number of Reporting Relationships Entered	2,423 relationships from 1,218 firms	2,501 relationships from 1,239 firms	Increased by 78 across 21 firms
Number of ATS Order Types Entered	632 order types from 26 ATS firms	632 order types from 26 ATS firms	No change
Number of Total Submitters	246	255	Increased by 9 submitters
Number of IMIDs	1,766 from 1,244 firms	1,827 from 1,289 firms	Increased by 61 across 45 firms

# Industry Test Status – June 8 – June 12, 2020 Statistics

Processing Date	File Rejection Rate	EQUITIES					OPTIONS				
		Firm Count	Total Accepted	Late %	Reject %	Unlink %	Firm Count	Total Accepted	Late %	Reject %	Unlink %
6/8/2020	8.40%	947	8,558,852,339	2.71%	5.82%	4.66%	483	371,357,434	3.88%	0.35%	0.54%
6/9/2020	3.48%	905	11,361,831,989	17.70%	4.66%	2.88%	455	692,400,608	1.73%	15.00%	0.49%
6/10/2020	24.59%	813	15,439,115,568	15.94%	0.49%	2.35%	397	1,064,666,676	0.37%	13.38%	0.34%
6/11/2020	1.77%	806	14,976,208,287	3.69%	0.58%	4.11%	400	1,401,672,192	3.24%	11.11%	0.27%
6/12/2020	3.86%	894	24,443,365,617	18.60%	0.85%	1.51%	417	1,484,617,607	0.11%	7.85%	0.04%

# Production Status – June 8 – June 12, 2020 Statistics

---

Processing Week	File Rejection Rate	EQUITIES					OPTIONS				
		Firm Count	Total Accepted	Late %	Reject %	Unlink %	Firm Count	Total Accepted	Late %	Reject %	Unlink %
06/08 – 06/12	1.62%	360	25,502,262,543	7.30%	0.01%	1.89%	77	42,496,394	2.49%	0.23%	0.45%

# FINRA CAT File Submission and Data Integrity

## Open Issues List – As of 6/16/2020

#	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	Workaround: FINRA CAT Helpdesk will support Long term fix: 6/29/2020	Workaround: FINRA CAT Helpdesk will support Long term fix: 6/29/2020	Events Statistics
2	Open	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
3	Open	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
4	NEW-Open	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
5	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

\*\*\* The Known Issues List s published on [www.catnmsplan.com](http://www.catnmsplan.com) under “Industry Member Specifications” \*\*\*

# FINRA CAT Intrafirm Open Issues List – As of 6/16/2020

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area
6	Open	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
7	NEW-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	6/15/2020	6/29/2020	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 Closed Issues List – As of 6/16/2020

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date	Production Environment Targeted Release Date	Area
1	NEW-Closed	N/A	Due to processing issues in the Test Environment, users will not receive linkage feedback on IM equities submissions for the 6/12/2020 Processing Date. Options feedback was delayed but otherwise unaffected. An announcement has been posted to the CAT Reporter Portal.	Code Release	Medium	6/15/2020	6/15/2020	Intrafirm Linkage Feedback

# Planned Industry Member Technical Specification Updates– Last Updated 6/16/2020

#	Status	Summary	Release Date	Spec Version
1	Open	Add unlinked and named interfirm linkage error codes specific to manual routes.	TBD	2a
2	Open	Add allowable values for Members Exchange <ul style="list-style-type: none"> <li>• destination/senderIMID: MEMX</li> <li>• marketCenterID: U</li> </ul>	TBD	2a
3	Open	Update TRF Linkage Key to remove timestamp as discussed during the 6/16/20 Technical Specification Working Group	TBD	2a

---

# General Announcements & Reminders

---

# FINRA CAT Announcements & Reminders

---

- The Phase 2a File Submission and Data Integrity Compliance Go-Live date is Monday, June 22, 2020.
- Consolidated Audit Trail, LLC and FINRA CAT, LLC will host Daily Industry Checkpoint Calls at 4:15 pm ET until further notice.
  - 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](http://www.catnmsplan.com).
- Phase 2a production certification was due by Monday, June 8, 2020.  
**Firms may continue to request certification at any time.**

# FINRA CAT Announcements & Reminders

---

- FINRA CAT **strongly recommends** connecting and/or submitting to Production to test authentication, Production connectivity and reporting relationships prior to the commencement of go-live.
- FINRA CAT has observed that some Industry Members have not established reporting relationships in the Production Environment after being certified.
- Industry Members not certified prior to April 3, 2020 **must** create reporting relationships in the Production Environment before a Submitter can submit to this environment on its behalf. Failure to establish reporting relationships in Production will result in all data being **rejected**.

# 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 Test Certification	Industry Members and CAT Reporting Agents must complete production readiness testing for 2a reporting	June 8, 2020
Industry Call: Industry Testing Checkpoint	Daily Industry Testing Checkpoint Calls at 4:15 pm (ET)	June 15, 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 for Phase 2a/2b 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](mailto: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](mailto: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/>