Industry CAT CAIS Release Status

October 12, 2022

Agenda

- Full CAIS Release Update
- Open Issues
- Planned Enhancements
- Specification Updates
- General Announcements & Reminders
- Q&A

Industry CAT Full CAIS Release Update

Industry Member Release Rollout - Pre-Full CAIS Production

Full CAIS Release 1
Industry Test – 1/31/2022
Production – 4/25/2022

Ingestion

- Industry Test Open for Machine-to-Machine File & Data Integrity Validations, Material Inconsistencies, and Feedback
- Feedback file contains up to 1,000 Rejections

CAIS Reporter Portal

- Manual File Upload
- Manual Submission
- Submission Feedback
- Inconsistencies Feedback
- Nightly Inconsistencies Report

Full CAIS Certification opened on 2/1/2022

Full CAIS Release 2a
Industry Test – 3/28/2022
Production – 4/25/2022

Ingestion

- New DRIVERLICENSE Foreign TID Type
- EIN Validation changed to format validation
- Feedback file enhanced to include all Rejections feedback

CAIS Reporter Portal

 FDID Reconciliation Report updated with Full CAIS information (count of CAT Customers and Version information) Full CAIS Release 2b
Industry Test – 4/11/2022
Production – 4/25/2022

Ingestion

- Remove OTHBKR and CP customerType values for Legal Entity Customer Records
- Remove BROKERAGE and ADVISED values for accountType
- Remove primeBrokerID and bankDepositoryID fields and add a new DVPCustodianID field

Industry Member Release Rollout - Full CAIS Production

Full CAIS Release 3a
Industry Test – 5/25/2022
Production – 6/13/2022

Ingestion

- New Authorized Trader
 Names List on FDID record
- Increase *lastName* field length to 200 characters

Reports

 FDID Version Report posted to SFTP weekly, containing active LTID Phase FDIDs not updated to Full CAIS Phase

CAIS Reporter Portal

 FDID Version Report available on-demand, containing active LTID Phase FDIDs not updated to Full CAIS Phase Full CAIS Release 4
Industry Test – 6/26/2022
Production – 7/1/2022

Ingestion

• New OTHGOVT Foreign TID Type

Performance Enhancements

 CAIS file processing improvements

Minor Enhancements and Bug Fixes

Full CAIS Release 5
Industry Test – 9/19/2022
Production – 10/3/2022

Performance Enhancements

 CAIS file processing improvements

Minor Enhancements and Bug Fixes

CAIS Report Card Release

Report Card

- Full CAIS Compliance begins with the January Report Card published on February 15th, 2023
- Compliance Rates distinguished for Correspondent data

Industry Member Release Rollout - Planned Future Enhancements

Industry Test – TBD Production – TBD

- INACTIVE End Reason
- Automated Transfer Procedure
- Optimization of error feedback

Industry Test Environment Monday, 10/3 Tuesday, 10/4 Wednesday, 10/5 Thursday, 10/6 Friday, 10/7 Saturday, 10/8 Sunday, 10/9 **Number of Total** 10 28 33 35 38 39 **Submitters Number of Unique** 122 145 110 146 185 17 **Firms** Total: 339 Total: 461 Total: 354 Total: 4,451 Total: 4,041 Total: 55 Total: 40 **Number of Files** Reporter Portal: 11 Reporter Portal: 16 Reporter Portal: 12 Reporter Portal: 4 Reporter Portal: 8 Reporter Portal: 28 Reporter Portal: 43 Received SFTP: 338 SFTP: 4,423 SFTP: 3,998 SFTP: 331 SFTP: 450 SFTP: 43 SFTP: 36 **Number of Files** 18 28 36 74 72 8 11 Rejected File Reject Rate 7.81% 1.78% 8.26% 5.08% 1.66% 14.55% 27.50%

	Industry Test Environment													
	Monday, 10/3	Tuesday, 10/4 Wednesday, 10/5 Thursday, 10/6 Friday, 10/7 Saturday, 10/8												
FDID Records Accepted	1,268,874	3,874,662	940,643	2,483,497	1,349,971	140,097	1,731,893							
FDID Records Rejected	260,734	330,917	180,044	2,145,904	2,107,795	24,915	180,702							
FDID Records Submitted	1,529,608	4,205,579	1,120,687	4,629,401	3,457,766	165,012	1,912,595							
FDID Record Rejection Rate	17.05%	7.87%	16.07%	46.35%	60.96%	15.10%	9.45%							

Industry Test Environment											
	Monday, 10/3 Tuesday, 10/4 Wednesday, 10/5 Thursday, 10/6 Friday, 10/7 Saturday, 10/8 Sur										
Customer Records Accepted	1,022,871	3,730,924	489,715	2,450,783	1,123,309	247,883	1,559,585				
Customer Records Rejected	392,386	515,220	327,109	2,757,815	2,611,271	34,094	146,729				
Customer Records Submitted	1,415,257	4,246,144	816,824	5,208,598	3,734,580	281,977	1,706,314				
Customer Record Rejection Rate	27.73%	12.13%	40.05%	52.95%	69.92%	12.09%	8.60%				

Production Environment

	Monday, 10/3	Tuesday, 10/4	Wednesday, 10/5	Thursday, 10/6	Friday, 10/7	Saturday, 10/8	Sunday, 10/9
Number of Total Submitters	35	32	34	41	36	10	0
Number of Unique Firms	223	220	230	230	225	182	0
Number of Files Received	Total: 1,285 Reporter Portal: 20 SFTP: 1,265	Total: 1,168 Reporter Portal: 13 SFTP: 1,155	Total: 1,461 Reporter Portal: 46 SFTP: 1,415	Total: 1,047 Reporter Portal: 45 SFTP: 1,002	Total: 2,493 Reporter Portal: 20 SFTP: 2,473	Total: 2,304 Reporter Portal: 9 SFTP: 2,295	Total: 0 Reporter Portal: 0 SFTP: 0
Number of Files Rejected	27	16	55	19	16	6	0
File Reject Rate	2.10%	1.37%	3.76%	1.81%	0.64%	0.26%	0.00%

	Production Environment													
	Monday, 10/3	Tuesday, 10/4	Wednesday, 10/5	Thursday, 10/6	Friday, 10/7	Saturday, 10/8	Sunday, 10/9							
FDID Records Accepted	1,005,175	1,290,259	1,564,551	1,111,690	1,568,377	1,035,086	0							
FDID Records Rejected	76,032	51,272	52,124	49,453	49,597	25,778	0							
FDID Records Submitted	1,081,207	1,341,531	1,616,675	1,161,143	1,617,974	1,060,864	0							
FDID Record Rejection Rate	7.03%	3.82%	3.22%	4.26%	3.07%	2.43%	0.0%							

	Production Environment												
	Monday, 10/3	Tuesday, 10/4	Wednesday, 10/5	Thursday, 10/6	Friday, 10/7	Saturday, 10/8	Sunday, 10/9						
Customer Records Accepted	1,061,732	1,372,248	1,904,740	1,186,171	1,602,306	1,086,667	0						
Customer Records Rejected	98,102	54,536	57,242	52,405	52,061	23,579	0						
Customer Records Submitted	1,159,834	1,426,784	1,961,982	1,238,576	1,654,367	1,110,246	0						
Customer Record Rejection Rate	8.46%	3.82%	2.92%	4.23%	3.15%	2.12%	0.00%						

Full CAIS Phase Rejection Observations

Rejection Source	Top Rejection Reasons
File	 Paired Identifiers file not received Duplicate file Missing or Invalid Natural Person Customer Record Count Missing or Invalid Legal Entity Customer Record Count Missing or Invalid CAT Reporter CRD
FDID	 Associated Customer Record rejected Missing ADDRESS1 type Address Record Missing fdidCustomerList roleEndDate set prior to roleStartDate No active Customer associations
Customer	 Customer Record rejected because an associated FDID was rejected Legal Entity CAT Customer reported with improper tidType Customer Record has an open Material Inconsistency and updateNotification was not set as true Missing or Invalid format of yearOfBirth Malformed TID record - CAT Customer Record not processed

Open Issues, Planned Enhancements, and Specification Updates

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production/Production Mirror Environments Targeted Release Date/Workaround	Area Affected
1	Open	N/A	Instances when an error occurs for a customer record where the same CAT customer is reported with multiple customerRecordID values, SFTP feedback will include only one of the customerRecordIDs. The portal feedback will include all customerRecordIDs related to the error.		Medium	Fix: TBD	Workaround: All affected customerRecordIDs are displayed within the CAIS Reporter Portal UI. Fix: TBD	Feedback Files
2	Open`	N/A	The 365-day grace period is currently only provided for 'IMPACTED' inconsistencies. This fix will apply the grace period to 'TRIGOTHER' inconsistencies as well.	Code Release	High	Fix : 10/31/22	Fix: 11/07/22	Inconsistencies
3	UPDATED- Open	N/A	The customerRejectionEventID conditional attribute within the CAIS Data Feedback File is not present for rejections against customer records. This field is displayed on the reporter portal as a 'Text' rather than 'Unsigned'.	Code Release	Low	Specification Update: TBD	Specification Update: TBD	Feedback Files Reporter Portal
4	Open	N/A	High volumes of Rejections and Inconsistencies may result in a time-out on the UI before being displayed to the user. Limiting the number of Rejections and Inconsistencies available in the UI is under analysis.	Code Release	High	Fix: TBD	Fix : TBD	Reporter Portal

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production/Production Mirror Environments Targeted Release Date/Workaround	Area Affected
5	Open	N/A	Duplicate rows are present in the downloaded file when downloading the Rejections table from the Reporter UI.	Code Release	Low	Fix: TBD	Fix: TBD	Reporter UI
6	Open	N/A	Files containing more than 6 Million total records (FDIDs + CAT Customers) may not return feedback in the times specified within the Full CAIS Technical Specifications.	Code Release	Medium	Fix : TBD	Fix : TBD	Feedback Files
7	Open	N/A	Intermittent instances where the CAIS data feedback file does not include all the feedback stages in statusHistory.	Code Release	Medium	Fix: TBD	Fix : TBD	Feedback Files
8	UPDATED– Open	N/A	Triggered Inconsistencies are not appearing in Inconsistencies screen until the inconsistency is resolved and the counts are not being displayed in the Submission Report as well as the Completed Submissions screens. Inconsistencies feedback file is not impacted by this issue.	Code Release	Medium	Fix : No later than 11/21/22	Fix: No Later than 12/5/22	Reporter Portal
9	Open		Correction attempt with a rejectionID unknown to CAIS generates an incorrect warning of 24005 instead of 24001.	Code Release	Low	Fix: TBD	Fix: N/A	Data Validation

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production/Production Mirror Environments Targeted Release Date/Workaround	Area Affected
10	Open	N/A	FDID Version Report includes FDIDs that have been previously ended.	Code Release	Low	Fix: TBD	Fix: TBD	Reports
11	Open	N/A	In scenarios where there are multiple rejections for an FDID or Customer, some resolved and some outstanding, the CSV export of the FDID and Customer rejections screen is not displaying the accurate 'resolved' status. The reporter portal screen is not impacted by this issue.	Code Release	Medium	Fix: No later than 11/21/22	Fix: No Later than 12/5/22	Reporter Portal
12	Open	N/A	FDID Reconciliation Report does not always populate.	Code Release	Medium	Fix: 10/10/22	Fix: 10/17/22	Reports
13	NEW-Open	N/A	User is unable to view the inconsistencies on the screen unless the user applies a filter value.	Code Release	Medium	Fix: TBD	Fix: TBD	Reporter Portal
14	NEW-Open	N/A	Customer Rejections from days prior to 10/3 release are not being displayed on the Customer Rejections Screen.	Code Release	High	Fix: TBD	Fix: TBD	Reporter Portal
15	NEW-Open	N/A	Submissions Report is displaying negative outstanding counts for rejections and inconsistencies. Also, the export is missing FDID accepted and FDID rejected columns.	Code Release	Medium	Fix: TBD	Fix: TBD	Reporter Portal

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production/Production Mirror Environments Targeted Release Date/Workaround	Area Affected
16	NEW-Open	N/A	The results returned in the inconsistencies screen do not match the total count displayed in the bottom right corner on the screen.	Code Release	Medium	Fix: TBD	Fix: TBD	Reporter Portal
17	NEW-Open	N/A	Use of the Manual Submission with the Reporter Portal UI does not currently allow a user to enter extended text characters properly for the <i>accountName</i> field. Submission of extended text characters in the field via SFTP or upload of files within the Reporter Portal does allow for the extended text properly.	Code Release	Medium	Fix: TBD	Fix: TBD	Reporter Portal
18	NEW-Open	N/A	When a filter has been applied to the Rejections table, the CSV file downloaded includes all records in the table rather than only filtered records.	Code Release	Low	Fix: TBD	Fix: TBD	Reporter Portal

CAT Full CAIS Recently Closed Issues List As of 10/12/2022

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production/Production Mirror Environments Targeted Release Date/Workaround	Area Affected
1	Closed	N/A	Error Repair Deadline field is not being displayed on rejection and inconsistencies screen.	Code Release	High	Fix: 10/12/2022	N/A	Reporter Portal
2	Closed		Nightly inconsistencies feedback and sentinel files are not being generated in the Test Environment.	Code Release	High	Fix: 10/12/2022	N/A	Feedback Files

CAT CAIS Planned Enhancements – Open

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date	Production/Production Mirror Environments Targeted Release Date	Area
1	Open	N/A	The Update button on a Manual Form Submission is enabled when viewing a previously added record. The button should be disabled until at least one field is updated by the user.	Code Release	Low	Fix: TBD	Fix: TBD	Manual Form Submission
2	Open	N/A	When selecting date values in the Manual Form Submission, the date is not selected when the user first clicks a date. The date is only selected on the second click.	Code Release	Low	Fix: TBD	Fix: TBD	Manual Form Submission
3	Open	N/A	Certain columns are not displayed in the Submission Report by default.	Code Release	Low	Workaround: User may add the columns to their view. Fix: TBD	Fix: TBD	Reporter Portal

CAT CAIS Planned Enhancements - Recently Closed

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date	Production/Production Mirror Environments Targeted Release Date	Area

CAT CAISPlanned Full CAIS Phase Specification Updates

#	Status	Summary	Publish Date	Spec Version	Effective Date - Test	Effective Date – Prod/Prod Mirror
1	Published	Add a new <i>fdidEndReason</i> value of 'INACTIVE' as option to end FDIDs that have had no CAT-reportable activity events (e.g., MENO, MEOR, MEOT, etc.) associated with the Account in the prior six months. For the purposes of periodic refresh requirements, monthly refresh report excludes any FDID with an <i>fdidEndReason</i> of 'INACTIVE' populated and an <i>fdidEndDate</i> set on or before the date of the report.	3/9/22	2.0 r7	TBD	TBD
2	Open	Update the description of Error Code 22523 – Customer Record rejected because an associated FDID was rejected – to include that the Error Code is also returned in the event the Customer Record is not associated to at least one FDID within the submission file.	TBD	2.0 r10	N/A	N/A
3	Open	Update the October 11, 2022 date in the description of the <i>role</i> value of 'AUTH3RD' to be consistent with revised FAQ T7. Specifically, prior to June 12, 2023, this <i>role</i> may be used when the Industry Member itself has authority to place orders for the Account without prior approval of the account holder(s) and is not the holder of the account. Effective June 12, 2023, the <i>role</i> for the Industry Member must be reported as 'AUTHREP'.	TBD	2.0 r10	N/A	N/A
4	Open	Clarify the description of the <i>customerType</i> value of 'RIC'- Customer is a Registered Investment Company, as defined in the Investment Company Act of 1940 (15 U.S.C. § 80a–3(a)(1)), if maintained in the Industry Member's general customer and account records.	TBD	2.0 r10	N/A	N/A
5	Open	Update the definition of the sentinel file for the Nightly Inconsistencies scans to remove the .bz2 compression. The sentinel file does not contain any significant data and does not require the compression.	TBD	2.0r 10	N/A	N/A

^{*} Planned Technical Specification updates are subject to approval by the CAT NMS Plan Operating Committee.

CAT CAISPlanned Full CAIS Phase Specification Updates

#	Status	Summary	Publish Date	Spec Version	Effective Date - Test	Effective Date – Prod/Prod Mirror
6	Open	Clarify that a total of 2,000 Customer Records can currently be associated with an FDID Record. Create an additional Error Code for more granularity on this validation, currently feedback provided under Error Code 23999 (Unhandled Exception).	TBD	2.0 r10	7/31/22	8/8/22
7	Open	Update the Table 17 and Table 18 entries for the file status of COMPLETED_FILE_TIMEOUT to include the status is also returned in the CAIS Data Feedback or TIDS Feedback files in the event the paired file is received but reaches a COMPLETED_INTEGRITY_ERROR state.	TBD	2.0r 10	N/A	N/A
8	Open	Clarify that the nightly inconsistencies scan feedback for Material Inconsistencies where the Industry Member is Impacted by submissions of another Industry Member is provided to the Impacted Industry Member no later than 8AM ET each processing day.	TBD	2.0 r10	N/A	N/A
9	Open	Remove error code 22066 (<i>roleStartDate</i> set prior to <i>fdidDate</i>).	TBD	2.0 r10	7/31/22	8/8/22
10	Open	Add warning code 24008 (Data Type Violation within <i>correctionList</i>) – present in LTID Specification but was not copied over to Full CAIS Specifications.	TBD	2.0 r10	N/A	N/A

^{*} Planned Technical Specification updates are subject to approval by the CAT NMS Plan Operating Committee.

CAT CAISPlanned Full CAIS Phase Specification Updates

#	Status	Summary	Publish Date	Spec Version	Effective Date - Test	Effective Date – Prod/Prod Mirror
1	Open	Update Table 19 to clarify that <i>updateNotifications</i> is a Main JSON Object.	TBD	2.0 r10	N/A	N/A
1	2 Open	Update Table 17 to clarify that <i>correspondentCRD</i> is only populated in the feedback file when <i>correspondentCRD</i> is populated in the submission file.	TBD	2.0 r10	N/A	N/A
1	3 Open	Update Table 17 to clarify that the data type for <i>addrType</i> is Choice rather than Text (2).	TBD	2.0 r10	N/A	N/A
1	4 Open	 Table 17: Update the statusHistory to include COMPLETED_INTEGRITY_ERROR and INCOMPLETE_PROCESSING FAILURE. Table 18: Update statusHistory to include COMPLETED_FILE_TIMEOUT and INCOMPLETE_PROCESSING_FAILURE. Table 19: Update submissionStatus to include COMPLETED_WITH_REJECTIONS, COMPLETED_WITHOUT_REJECTIONS, and CANCELLED_BY_SUPPORT, as well as remove COMPLETED. Note: the submissionStatus attribute is slated for removal from the Submission Inconsistencies Feedback File in the future (effective date is TBD). 	TBD	2.0 r10	N/A	N/A
1	5 Open	Clarify the description of <i>customerType</i> value of 'BD' - Customer is a US registered Broker/Dealer, if maintained in the Industry Member's general customer and account records. Effective July 11, 2023, 'BD' must be populated for all US registered Broker/Dealer customer types, including for broker-dealer Customers that were not identified as 'BD' prior to July 11, 2023.	TBD	2.0 r10	N/A	N/A

^{*} Planned Technical Specification updates are subject to approval by the CAT NMS Plan Operating Committee.

General Announcements and Reminders

FINRA CAT Announcements and Reminders

- ➤ CAT CAIS Checkpoint Calls are being held weekly. The next call will be on October 19, 2022, at 4:15 pm ET.
- Connectivity Guides, Reporting Scenarios, Use Cases, and updated FAQs available at catnmsplan.com

Industry Member Timeline Design

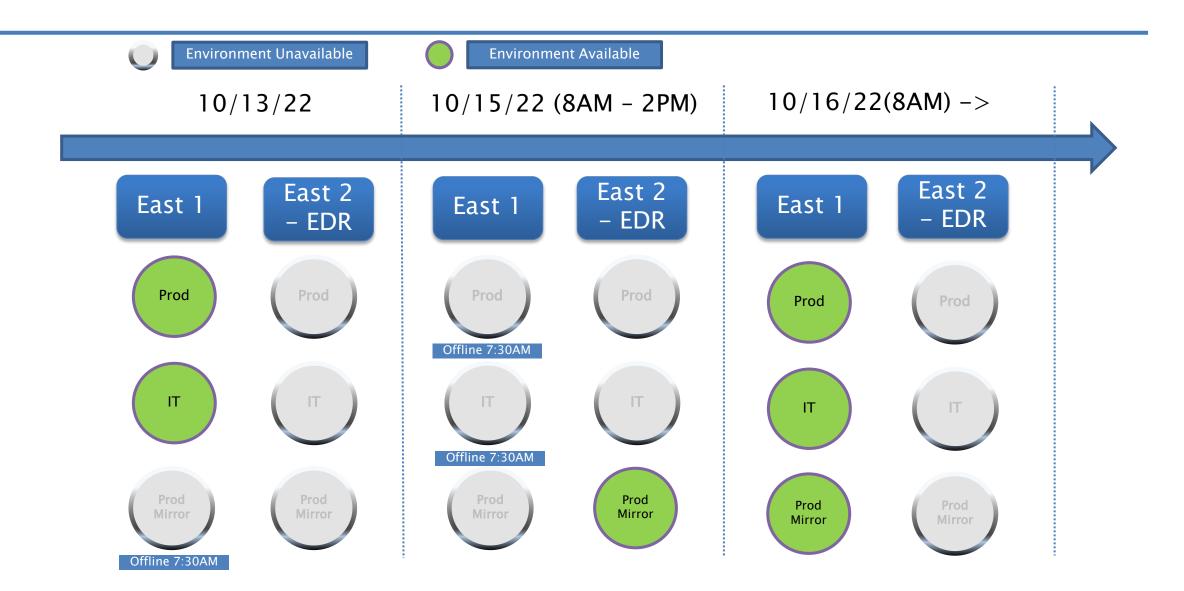
Requirement	Date
Production Certification Deadline	July 25, 2022
 Interim reporting obligation 1: CAT Submitters Partial Submissions. For a single date within the range specified, complete a scheduled partial submission to the Prod Environment in Full CAIS Format. FINRA CAT will begin contacting CAT Submitters on August 1 to schedule their partial submission dates. 	August 15 – September 15, 2022
 Interim reporting obligation 2: All Industry Members – Submission of all FDIDs and Customers For a single date within the range specified, complete a scheduled submission of the FDID Population with CAT-Reportable activity between June 12, 2022 and September 30, 2022 to the Prod Environment in Full CAIS format. FINRA CAT will begin contacting all Industry Members on October 3 to schedule their specific reporting date. 	October 10 – October 31, 2022
 Interim reporting obligation 3: Daily reporting of FDID and Customer Data All Industry members must begin daily reporting of FDID records and changes/additions for all CAT-Reportable Activity beginning June 12, 2022 through at least September 30, 2022. Corrections to reported data are not required until Interim Reporting Obligation 4. 	November 7, 2022
 Interim reporting obligation 4:All outstanding Rejections and Material Inconsistences addressed All outstanding rejections and Material Inconsistences for all CAT-reportable activity beginning June 12, 2022 are resolved. 	December 5, 2022
 Full CAIS Compliance date (Error correction timeline fully enforced) All error repair and material inconsistency resolution deadlines are enforced. 	December 12, 2022

An <u>Announcement</u> was published and the <u>Timeline</u> was updated. Please see <u>CAT Alert 2022-01</u> for more information.

SIFMA Test Updates

- Testing Connectivity environment is available Requesting selected IMs to test their connectivity.
- SIFMA test will be held on Saturday, October 15, 2022, from 8AM to2PM for Transaction and CAIS submitters.

SIFMA Test Roadmap



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 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.

Appendix A: Industry CAT CAIS LTID Release Update

Production Environment

	Monday, 10/3	Tuesday, 10/4	Wednesday, 10/5	Thursday, 10/6	Friday, 10/7	Saturday, 10/8	Sunday, 10/ 9
Number of Total Submitters	34	34	39	36	34	12	3
Number of Unique Firms	400	423	447	464	452	236	24
Number of Files Received	Total: 972 Reporter Portal: 14 SFTP: 958	Total: 974 Reporter Portal: 89 SFTP: 885	Total: 894 Reporter Portal: 13 SFTP: 881	Total: 909 Reporter Portal: 8 SFTP: 901	Total: 898 Reporter Portal: 7 SFTP: 891	Total: 655 Reporter Portal: 0 SFTP: 655	Total: 27 Reporter Portal: 0 SFTP: 27
Number of Files Rejected	3	5	4	2	0	0	2
File Reject Rate	0.31%	0.51%	0.45%	0.22%	0.00%	0.00%	7.41%

	Production Environment								
	Monday, 10/3	Tuesday, 10/4	Wednesday, 10/5	Thursday, 10/6	Friday, 10/7	Saturday, 10/8	Sunday, 10/9		
Records Accepted	574,507	477,122	567,368	496,810	938,789	379,352	2,590		
Records Rejected	67,098	33,715	33,757	33,687	33,689	186	50		
Records Submitted	641,605	510,837	601,125	530,497	972,478	379,538	2,640		
Record Rejection Rate	10.46%	6.60%	5.62%	6.35%	3.46%	0.05%	1.89%		

CAT CAIS-Planned LTID Phase Specification Updates

#	Status	Summary	Publish Date	Spec Version
1	Open	Clarify that malformed LTID can be corrected by sending the same FDID with corrected LTID entry - does NOT require correctionAction message	TBD	V1.2.3