Monthly CAT Update

February 23, 2023

Agenda

- CAT NMS Plan, Exemptive Relief and Transaction Interpretive Updates
- Transaction Technical Specifications Updates
- CAIS Reporting Updates
- Compliance Updates
- Upcoming Industry Webinars and Other Updates
- Q&A
- Appendix- Transaction Production Statistics

CAT NMS Plan, Exemptive Relief and Transaction Interpretive Updates

Transaction Interpretive Updates

New and Updated FAQs

- ▶ No new Transaction FAQs.
- ▶ No Transaction <u>FAQs</u> were updated.

Technical Specification Updates

There were no updates to the Transaction Technical Specifications or Reporting Scenarios document.

2023 Industry Member Releases (Transaction) – Scope and Schedule

2023 – ADF Release

Spec Publication – 12/16/2022

Industry Test Release – 3/13/2023

Production/Production Mirror

Release – 3/27/2023

Onboarding FINRA ADF

- Add new event MENQS New Quote Supplement event
- Add new event MERQS Quote Route Supplement event
- Add representativeQuoteInd, askAggregatedOrders, and bidAggregatedOrders fields to MENQ event
- Add destinationType and session to MERQ event
- Change firmDesignatedID and accountHolderType fields on MENQ event from Required to Conditional
- Requirement update to optionally populate quantity=0 for CASH orders

2023 – Mid-Year Release
Spec Publication – 4/7/2023
Industry Test Release – 6/5/2023
Production/Production Mirror
Release – 7/24/2023

New handlingInstructions Validations

- Add a validation to restrict allowed paired values for CASH, SWQ, STOP and SW handlingInstructions to be greater than 0
- Add a validation to restrict allowed paired values for DISP and DISQ handlingInstructions to be greater than or equal to 0
- *Production Release not prior to October 1, 2023: Add a validation for CASH orders to restrict quantity value to be 0

Meta File Removal Phase 2

• Reject meta files at Acknowledge stage

2023 Industry Member Releases (Transaction) - Scope and Schedule

2023 – FDID Validation to Production Release

Production/Production Mirror
Release – TBD – Not anticipated to
be before the second half of 2023

CAIS-related validations & Statistics

- · Validate FDID against CAIS data
- Daily statistics reflecting FDID errors
- Provide a new linkage summary feedback file containing missing or invalid FDIDs

2023 – FDID Validation Report Card Release

Production Release – TBD – Not anticipated to be before the second half of 2023

Transaction Report Cards

 FDID Errors in Transaction Report Cards are not anticipated to be before the second half of 2023 2023 - Year-End Release

Spec Publication - 7/28/2023

Industry Test Release - 9/25/2023

Production/Production Mirror

Release - 12/11/2023

Additional Scope - TBD

 Potential additional scope, including Electronic RFQ Responses and other Exemptive Relief-Related items, may be added to this release or subsequent releases. Any scope changes will be announced and posted with sufficient notice.

CAIS Reporting Updates

CAIS Compliance Date Update

- On February 1, 2023, an <u>Announcement</u> was published stating that the last two Industry Member Compliance dates noted in CAT Alert 2022-01, for Interim Reporting Obligation 4 and Full CAIS Compliance Go-Live, will be moved to future dates to be announced shortly. The new dates are not anticipated to be before the second half of 2023 and will include sufficient time for Industry Members to correct errors, once known issues that could impact their CAT reporting compliance obligations have been sufficiently remediated.
 - To remediate open issues impacting Industry Member feedback and tools, FINRA CAT will implement a series of releases throughout 2023. Each Industry Member impacting release will be announced prior to the Test and Production Environment deployments, along with the specific defects that are being remediated by each release.
 - The first Full CAIS Report Card will be published for the first full month following the Full CAIS Compliance Go-Live date.

Full CAIS Industry Member Release Rollout

CAIS Report Card Release

Report Card

- The first Full CAIS Report Card will be published for the first full month following the Full CAIS Compliance Go-Live date.
- Compliance Rates distinguished for Correspondent data

Planned Future Enhancements

- INACTIVE End Reason will be made available prior to the periodic Customer & Account Information refresh
- Automated Transfer Procedure
- Optimization of error feedback
- Validate that correspondentCRD is a different identifier than the catReporterCRD

Other CAIS Updates

- Updated <u>CAT Alert 2022-01: Full CAIS Reporting Timeline and Interim</u> <u>Reporting Obligations</u> was published on February 14, 2023
- Updated <u>Timeline</u>

New and Updated CAIS FAQs

- One new CAIS FAQ.
 - FAQ Q71 regarding how an FDID must be reported to CAIS when a Natural Person and multiple trusts have the same Tax Identifier.
- ▶ Two CAIS <u>FAQ</u>s were updated.
 - FAQ Q16 regarding the reporting of CAIS records when a required data element changes.
 - FAQ Q19 regarding the periodic full account refresh requirement.

Full CAIS Technical Specification Updates

▶ There were no updates to the Full CAIS Technical Specifications or Reporting Scenarios document.

CAIS Checkpoint Calls

- ▶ The next <u>CAIS Industry Testing Checkpoint Call</u> will be on Wednesday, March 1, 2023 at 4:15 pm ET.
- ▶ The presentations and recordings are available for:
 - 02/22/2023 CAIS Industry Testing Checkpoint Call
 - 02/15/2023 CAIS Industry Testing Checkpoint Call
 - 02/08/2023 CAIS Industry Testing Checkpoint Call
 - 02/01/2023 CAIS Industry Testing Checkpoint Call
 - 01/25/2023 CAIS Industry Testing Checkpoint Call

Compliance Updates

Industry Member Report Card Updates

- ▶ The January 2023 CAT Industry Member Transaction Report Cards were published on February 15, 2023
- A presentation will follow which includes an overview of processing changes to the Transaction Report Cards expected to be implemented in October 2023
- Compliance Resources:
 - Industry Member Report Card- Known Issues List
 - CAIS Compliance Glossary
 - Transaction Compliance Glossary
 - Previously Recorded and Posted Report Card Webinars

Annual Clock Synchronization Certification

- Industry Members must complete an annual certification for Business Clock Synchronization by March 15th of each year.
- Industry Members are not required to submit such certifications to the exchanges or FINRA.
 - Originals of such certifications must be maintained by Industry Members as part of their books and records and be available to regulators upon request.
 - Industry Members who are members of multiple Participants need only make a single clock synchronization certification.
- Available on the <u>Clock Synchronization</u> page:
 - A copy of the <u>certification form</u>
 - The original <u>requirements announcement</u>.

Upcoming Industry Webinars and Other Updates

Monthly CAT Update Industry Webinars

- ▶ The next Monthly CAT Update will be held on March 23, 2023 at 4:15 pm ET.
- ▶ The recording and presentation from the <u>January 19, 2023</u> Monthly CAT Update is available on the CAT website.

FINRA CAT Helpdesk

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

Q&A

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

Equities - Rolling Five Day Period Initial T+1 vs. T+5 8 am Data Ready for Regulators January 12, 2023 - January 27, 2023

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	Trade Initial	Trade Adjusted	Overall Error Rate Initial	Overall Error Rate Adjusted
1/12/2023	.0005%	.0028%	.0025%	.0130%	.0127%	.0011%	.0002%	.0088%	.0030%	.0005%	.0005%	.0390%	.0370%	.0134%	.0123%
1/13/2023	.3254%	.0019%	.0016%	.0146%	.0145%	.0020%	.0020%	.4610%	.0014%	.0006%	.0006%	.0445%	.0425%	.3826%	.3371%
1/17/2023	.6646%	.0028%	.0025%	.0508%	.0507%	.0003%	.0002%	.4517%	.0156%	.0004%	.0004%	.0398%	.0338%	.7486%	.7048%
1/18/2023	7.2237%	.0017%	.0013%	.0126%	.0125%	.0015%	.0002%	6.5164%	.0010%	.0003%	.0003%	.0388%	.0377%	7.8788%	7.2340%
1/19/2023	.0164%	.0014%	.0011%	.0129%	.0128%	.0008%	.0002%	.0020%	.0010%	.0004%	.0004%	.0426%	.0341%	.0274%	.0269%
1/20/2023	.0032%	.0310%	.0307%	.0089%	.0089%	.0002%	.0001%	.0147%	.0134%	.0004%	.0004%	.0351%	.0345%	.0421%	.0416%
1/23/2023	.1036%	.0027%	.0024%	.0183%	.0119%	.0192%	.0001%	.0064%	.0044%	.0004%	.0004%	.0300%	.0296%	.1219%	.1150%
1/24/2023	.0193%	.0020%	.0016%	.0145%	.0144%	.0069%	.0001%	.1072%	.0401%	.0003%	.0003%	.0455%	.0274%	.0426%	.0348%
1/25/2023	.0001%	.0020%	.0018%	.0137%	.0136%	.0001%	.0000%	.0021%	.0010%	.0005%	.0005%	.0295%	.0280%	.0121%	.0117%
1/26/2023	.0000%	.0025%	.0017%	.0132%	.0130%	.0128%	.0001%	.0152%	.0013%	.0154%	.0003%	.0317%	.0304%	.0168%	.0112%
1/27/2023	.0426%	.0086%	.0015%	.0185%	.0133%	.0001%	.0001%	.0025%	.0014%	.0059%	.0004%	.0331%	.0314%	.0655%	.0539%

Equities - Rolling Five Day Period Initial T+1 vs. T+5 8 am Data Ready for Regulators January 30, 2023 - February 14, 2023

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	Trade Initial	Trade Adjusted	Overall Error Rate Initial	Overall Error Rate Adjusted
1/30/2023	.0048%	.0022%	.0020%	.0119%	.0117%	.0001%	.0001%	.0176%	.0013%	.0004%	.0004%	.0314%	.0311%	.0173%	.0153%
1/31/2023	.0003%	.0037%	.0012%	.0011%	.0008%	.0009%	.0001%	.0025%	.0018%	.0005%	.0005%	.0585%	.0577%	.0052%	.0024%
2/1/2023	.0330%	.0014%	.0012%	.0018%	.0012%	.0005%	.0000%	.0056%	.0014%	.0004%	.0003%	.0947%	.0944%	.0361%	.0350%
2/2/2023	.0023%	.0017%	.0015%	.0014%	.0012%	.0003%	.0003%	.0069%	.0010%	.0003%	.0003%	.0316%	.0310%	.0057%	.0048%
2/3/2023	.0019%	.0010%	.0008%	.0007%	.0007%	.0002%	.0001%	.0116%	.0010%	.0003%	.0003%	.0307%	.0304%	.0046%	.0034%
2/6/2023	.6520%	.0016%	.0014%	.0009%	.0007%	.0001%	.0000%	.4825%	.0022%	.0006%	.0004%	.0155%	.0148%	.7017%	.6541%
2/7/2023	.0021%	.0010%	.0008%	.0007%	.0005%	.0002%	.0001%	.0066%	.0060%	.0006%	.0003%	.0342%	.0338%	.0042%	.0039%
2/8/2023	.0330%	.0111%	.0109%	.0013%	.0009%	.0002%	.0001%	.0071%	.0012%	.0005%	.0004%	.0293%	.0290%	.0454%	.0444%
2/9/2023	.0028%	.0011%	.0009%	.0005%	.0003%	.0002%	.0001%	.0031%	.0024%	.0004%	.0004%	.0312%	.0307%	.0046%	.0043%
2/10/2023	.0524%	.0010%	.0008%	.0006%	.0003%	.0002%	.0002%	.0341%	.0009%	.0006%	.0006%	.0449%	.0440%	.0573%	.0537%
2/13/2023	.4998%	.0016%	.0014%	.0005%	.0004%	.0004%	.0001%	.9510%	.0027%	.0005%	.0005%	.0281%	.0269%	.5958%	.5019%
2/14/2023	.0513%	.0007%	.0006%	.0003%	.0002%	.0005%	.0001%	.0127%	.0008%	.0003%	.0003%	.0323%	.0319%	.0535%	.0522%

Options - Rolling Five Day Period Initial T+1 vs. T+5 8 am Data Ready for Regulators January 12, 2023 - January 27, 2023

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	Trade Initial	Trade Adjusted	Overall Error Rate Initial	Overall Error Rate Adjusted
1/12/2023	.0049%	.0037%	.0036%	.0023%	.0014%	.0551%	.0095%	2.1494%	1.9966%	.0006%	.0006%	.0095%	.0095%	.0249%	.0232%
1/13/2023	.0841%	.0034%	.0033%	.0012%	.0011%	.0313%	.0042%	2.9224%	2.7416%	.0010%	.0010%	.1115%	.1115%	.1089%	.1073%
1/17/2023	.0347%	.0026%	.0025%	.0013%	.0012%	.0339%	.0078%	2.7674%	.0045%	.0002%	.0002%	.0541%	.0361%	.0557%	.0382%
1/18/2023	.0004%	.0027%	.0025%	.0014%	.0012%	.0445%	.0062%	.0168%	.0057%	.0004%	.0003%	.0921%	.0606%	.0045%	.0038%
1/19/2023	.0217%	.0024%	.0022%	.0011%	.0010%	.0410%	.0054%	.3083%	.0070%	.0002%	.0002%	.0927%	.0784%	.0269%	.0247%
1/20/2023	.0247%	.0023%	.0022%	.0010%	.0010%	.0491%	.0244%	2.0309%	.0066%	.0003%	.0003%	.1160%	.0919%	.0406%	.0279%
1/23/2023	.0003%	.0034%	.0033%	.0010%	.0009%	.0286%	.0068%	2.6930%	2.6706%	.0018%	.0017%	.1946%	.1283%	.0205%	.0201%
1/24/2023	.0119%	.0031%	.0030%	.0010%	.0009%	.0293%	.0078%	1.0462%	.0196%	.0003%	.0002%	.2882%	.1921%	.0216%	.0158%
1/25/2023	.0128%	.0033%	.0033%	.0015%	.0015%	.0286%	.0032%	.3884%	.0023%	.0003%	.0002%	.1273%	.0392%	.0196%	.0172%
1/26/2023	.0091%	.0025%	.0024%	.0010%	.0008%	.0284%	.0053%	.7466%	.0027%	.0013%	.0013%	.1501%	.1065%	.0174%	.0124%
1/27/2023	.0378%	.0028%	.0027%	.0010%	.0009%	.0265%	.0026%	2.5428%	.0059%	.0009%	.0007%	.1309%	.0708%	.0595%	.0414%

Options - Rolling Five Day Period Initial T+1 vs. T+5 8 am Data Ready for Regulators January 30, 2023 - February 14, 2023

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	Trade Initial	Trade Adjusted	Overall Error Rate Initial	Overall Error Rate Adjusted
1/30/2023	.0117%	.0020%	.0019%	.0004%	.0004%	.0316%	.0053%	1.2674%	.0038%	.0003%	.0002%	.0896%	.0896%	.0201%	.0140%
1/31/2023	.0018%	.0019%	.0018%	.0004%	.0004%	.0505%	.0019%	.0041%	.0035%	.0010%	.0001%	.2609%	.1565%	.0045%	.0039%
2/1/2023	.0000%	.0028%	.0027%	.0005%	.0005%	.0316%	.0018%	.0031%	.0026%	.0004%	.0004%	.2513%	.2473%	.0035%	.0032%
2/2/2023	.0001%	.0023%	.0023%	.0007%	.0007%	.0757%	.0028%	2.8169%	2.8037%	.0003%	.0003%	.0974%	.0974%	.0229%	.0223%
2/3/2023	.1490%	.0015%	.0014%	.0005%	.0005%	.0352%	.0042%	2.7635%	.0037%	.0004%	.0004%	.1486%	.0743%	.1695%	.1510%
2/6/2023	.1018%	.0013%	.0012%	.0004%	.0004%	.0317%	.0034%	.4921%	.0029%	.0006%	.0001%	.1853%	.1217%	.1066%	.1034%
2/7/2023	.0114%	.0012%	.0011%	.0005%	.0005%	.0354%	.0017%	3.5179%	2.5215%	.0006%	.0005%	.0755%	.0539%	.0330%	.0271%
2/8/2023	.0004%	.0014%	.0013%	.0007%	.0007%	.0293%	.0021%	.0346%	.0138%	.0005%	.0005%	.0437%	.0437%	.0028%	.0023%
2/9/2023	.0000%	.0013%	.0012%	.0005%	.0005%	.0319%	.0022%	.0050%	.0029%	.0003%	.0002%	.0433%	.0433%	.0019%	.0016%
2/10/2023	.0306%	.0013%	.0012%	.0008%	.0007%	.0366%	.0067%	2.4033%	.0048%	.0006%	.0006%	.1066%	.1066%	.0482%	.0326%
2/13/2023	.0115%	.0010%	.0010%	.0004%	.0004%	.0288%	.0016%	.0047%	.0031%	.0002%	.0002%	.2299%	.2299%	.0130%	.0128%
2/14/2023	.0001%	.0018%	.0018%	.0005%	.0005%	.0338%	.0017%	.0057%	.0027%	.0004%	.0004%	.0665%	.0624%	.0027%	.0024%

Equities – Industry Aggregate Trade Date Statistics January 12, 2023 – January 27, 2023

Trade Date	Processed	Accepted	Late	Overall Errors Count
2023-01-12	39,967,281,908	39,966,142,290	1,202,234	5,349,709
2023-01-13	28,839,076,109	28,779,185,064	94,169,361	97,636,054
2023-01-17	29,168,768,553	29,167,923,572	194,381,709	205,644,940
2023-01-18	34,059,955,927	34,059,271,062	2,460,354,559	2,463,894,059
2023-01-19	33,301,437,470	33,300,884,272	5,457,496	8,941,069
2023-01-20	29,157,133,913	29,148,091,422	936,006	12,133,800
2023-01-23	30,632,286,128	30,631,435,812	31,750,512	35,215,498
2023-01-24	29,377,546,646	29,376,950,302	5,672,792	10,213,546
2023-01-25	33,254,234,565	33,253,135,866	29,155	3,818,398
2023-01-26	33,677,289,055	33,670,898,943	43,437	3,741,517
2023-01-27	29,958,959,749	29,956,224,121	12,824,181	16,123,758

Equities – Industry Aggregate Trade Date Statistics January 30, 2023 – February 14, 2023

Trade Date	Processed	Accepted	Late	Overall Errors Count
2023-01-30	32,084,767,913	32,084,039,804	1,534,685	4,882,924
2023-01-31	29,997,504,403	29,996,383,981	172,919	748,730
2023-02-01	43,404,332,793	43,403,689,834	14,571,958	15,344,006
2023-02-02	42,448,738,211	42,447,930,312	1,171,249	1,998,560
2023-02-03	43,760,184,883	43,759,437,639	847,604	1,420,391
2023-02-06	33,783,652,187	33,778,919,967	220,245,052	220,950,289
2023-02-07	45,402,012,254	45,401,556,993	947,279	1,780,134
2023-02-08	36,416,186,461	36,412,123,365	12,031,382	16,143,738
2023-02-09	38,048,481,549	38,048,044,928	1,091,118	1,648,859
2023-02-10	37,140,840,383	37,140,430,270	19,476,043	19,931,154
2023-02-13	29,650,808,655	29,650,302,245	148,184,530	148,808,689
2023-02-14	45,363,760,662	45,363,292,455	23,254,756	23,661,093

Options - Industry Aggregate Trade Date Statistics January 12, 2023 - January 27, 2023

Trade Date	Processed	Accepted	Late	Overall Errors Count
2023-01-12	4,737,046,292	4,736,864,361	1,536,362	1,750,564
2023-01-13	4,554,383,272	4,551,923,117	5,541,439	5,742,342
2023-01-17	4,671,465,236	4,670,009,123	1,622,906	1,784,740
2023-01-18	5,313,231,561	5,313,086,799	21,644	204,723
2023-01-19	4,718,941,748	4,718,829,086	1,028,647	1,168,726
2023-01-20	4,966,858,950	4,966,207,941	1,233,338	1,382,521
2023-01-23	5,547,559,653	5,545,872,315	2,233,433	2,454,940
2023-01-24	5,069,468,553	5,068,980,931	612,289	801,965
2023-01-25	5,325,388,205	5,325,206,058	688,319	917,833
2023-01-26	4,913,408,983	4,913,283,091	451,979	613,616
2023-01-27	5,107,904,012	5,107,752,156	1,939,092	2,118,370

Options - Industry Aggregate Trade Date Statistics January 30, 2023 - February 14, 2023

Trade Date	Processed	Accepted	Late	Overall Errors Count
2023-01-30	5,447,490,954	5,447,381,068	643,837	767,135
2023-01-31	5,336,715,566	5,336,615,536	96,173	209,180
2023-02-01	5,948,614,404	5,948,448,596	5,714,678	5,901,009
2023-02-02	5,830,791,572	5,828,680,996	7,700,228	8,985,327
2023-02-03	5,781,253,649	5,781,115,217	8,620,818	8,728,725
2023-02-06	5,459,469,530	5,458,057,089	5,558,828	5,644,517
2023-02-07	6,056,179,964	6,056,107,058	2,403,881	2,499,035
2023-02-08	5,256,896,409	5,256,820,414	21,725	123,152
2023-02-09	6,061,089,889	6,061,012,271	3,027	97,425
2023-02-10	5,283,125,768	5,283,054,860	3,226,736	3,329,736
2023-02-13	5,186,648,951	5,185,303,254	594,088	663,219
2023-02-14	5,460,788,127	5,460,647,349	4,322	127,749