

 ECMS

Final Release Note

 RN-35.02-14.0.4

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# Introduction

This note provides an overview of the envisaged features for the release to be provided on **20/07/2024**.

## Release number and software version

This release has the following release number: **RN-35.02-14.0.4**

The relevant software version is **V.14.0.4**

# Release information

### Change requests

### Defect information

This release provides the fixes for the 84 following Problems:

| **PBI** | **Category** | **Summary** | **User** |
| --- | --- | --- | --- |
| 117572 | ECMS.Application.Global credit and collateral position | [CBT] The EMC-files with the revaluation of the EMC were queued and not processed. | DE  |
| 122129 | ECMS.Application.OMO | OMO - Create Allottment BenchMark Parameter - case only one operation exists and is eligible) | NL  |
| 123345 | ECMS.Application.Credit Claims | [APPR] CC - Issue an obligation failure when CC is no more eligible or close link is detected | ES  |
| 123364 | ECMS.Application.Operational day | CC - updates done on Credit Claim asset by Credit Claim Valuation process not show on History screen | ECB |
| 125841 | ECMS.Application.Credit Claims | [APPR] CC file - reconciliation reference to be sent to Instructing party - Head>BizMsgIdr or Document>GrpHdr> MsgId>). | IT  |
| 127041 | ECMS.Application.Credit Claims | [APPR] Error when trying to show the history of several debtors | IT  |
| 128283 | ECMS.Application.OMO | [EAC] TLTROIII interest rate calculation - incorrect | AT |
| 130083 | ECMS.Application.Corporate Actions | [CBT] When the option received in the seev.031 has different security movement than expected for the event, the message must be rejected | SI  |
| 130954 | ECMS.Application.Billing | [EAC] [CBT] The average monthly holding is wrongly calculated as the pool factor variation is not considered in the calculation | IT  |
| 131971 | ECMS.Application.Corporate Actions | [EAC] Duplicated Seev.031 sent to the cpty | ECB |
| 131974 | ECMS.Application.Reference Data | [CBT] Not possible to download Monitor Marketable Asset Price search result for one business day | ES  |
| 132322 | ECMS.Application.Marketable Assets | 'Name' field missing within the Party 2 details (U2A and A2A) | DE  |
| 133134 | ECMS.Application.Corporate Actions | [EAC] Notification from MegaLend to MegaCor impact failed | LU  |
| 133136 | ECMS.Application.Access Rights | [PROD] Wrong ECMS users displayed in ECMS portal | ES  |
| 133153 | ECMS.Application.OMO | [EAC] Accrued interest is not updated when OMO with Negative interest | ES  |
| 133383 | ECMS.Application.Credit Claims | Pool lock unlock - Demobilisation of CC confirmed while the movement is Waiting Lock | FI  |
| 133390 | ECMS.Application.Corporate Actions | [EAC] Client instruction should allow Additional informations | SI  |
| 133395 | ECMS.Application.Credit Claims | [CBT] [CTP2] CC valuation updating and generating credit line for pool not used for CC | PT  |
| 133503 | ECMS.Application.Global credit and collateral position | [EAC] When validity end Date of the link between the IAA and Pool is reached, the Pool displays negative positions. | ECB |
| 133513 | ECMS.Application.Reference Data | [EAC] [CBT] CEPH price shown in MegaLend>Marketable Assets Collateral Holdings Report shows a wrong value | IT  |
| 133577 | ECMS.Application.Marketable Assets | [EAC] "Repair Client Instruction" button sould not appear in Counterparty Instructions Details screen. | FR  |
| 133586 | ECMS.Application.Statements and reporting | Statement of holding and transaction fail due to the following error "PALM01025 The String Value of the field Error Description mustn't exceed the length 4000" | ECB |
| 133681 | ECMS.Application.Pool Position and pool projection | [APPR] EUR added to Contingency Cash Account of SCP Pool | NL  |
| 133695 | ECMS.Application.Reception of reference data from Eurosystem services | [EAC] Close link in credit claim not detected | ES  |
| 133714 | ECMS.Application.U2A screens | [EAC] Search fields “Investor SSS” and “Issuer SSS” in Created/Display Eligible CSD Link give result inverted. | DE  |
| 133751 | ECMS.Application.Credit Claims | The ECMS CC Id assigned for CC with the same counterparty and the same creditor are not consecutive : sequence jumping by 1000 step. | ES  |
| 133851 | ECMS.Application.Billing | [CBT] Wrong categorization in Bill Report | DE  |
| 133855 | ECMS.Application.Billing | [EAC] Wrong currency attached to one TPA asset account in Bill Report | DE  |
| 133861 | ECMS.Application.Billing | Wrong calculation of average monthly holding for a Pool Factor not 1 and for variation in holdings during month | IT  |
| 133876 | ECMS.Application.Billing | ECMS calculates wrongly AVG Mthly Holding for USD ISIN. Variation of Exchange rate not considered. | IT  |
| 133882 | ECMS.Application.Access Rights | [AEAC] Four Eyes - OMO Early Repayment - action edit is to be removed from early Repayment validation List screen | DE  |
| 133906 | ECMS.Application.Billing | camt.077 blocked in ECMS Operator level of MegaCommon, due to failure of a Business Rule.  | PT |
| 133921 | ECMS.Application.Billing | Screen for Non-Marketable Asset Holding Fees shows the total amount cumulated for CC and ACC, instead of displaying the right amount separately for CC and ACC. | ECB |
| 133923 | ECMS.Application.OMO | Four Eyes - FTD Waiting For Validation creation case - missing informations. | DE  |
| 134051 | ECMS.Application.Statements and reporting | [EAC] Colr.016 ad-hoc is sent out although CPTY is blocked | DE  |
| 134248 | ECMS.Application.OMO | OMORefNo is missing in the List screen of the Report “Settled and Reimbursed Credit Operation” | DE  |
| 134300 | ECMS.Application.OMO | [APPR] When FTD is not used as collateral the Interest payments are not displayed in the MPO Expected payment report | PT  |
| 134458 | ECMS.Application.Credit Claims | [EAC] CC-update Approval status generate error : PALM-02061: Persistence Concurrency Exception | SI  |
| 134572 | ECMS.Application.Reference Data | Monitor Marketable Asset > presents the user with a “Paint” Issue issue in the Results block | DE  |
| 134942 | ECMS.Application.Credit Claims | [APPR] External ECMS cross NCB asset account not assigned for cross border CCs | ES |
| 134946 | ECMS.Application.Credit Claims | [APPR] [MIGTest9] Issues slowing down CC reconciliation 5 - CC evaluation reconciliation | IT  |
| 135060 | ECMS.Technical.Other | [APPR] MegaBroker stuck on 02/07 | OT |
| 135089 | ECMS.Application.Credit Claims | Counterparty Credit Claim Position - List Screen - add ECMS Cross NCB Asset Account ID | IT  |
| 135093 | ECMS.Application.Credit Claims | [APPR] Error when receive a CCR and RR with obligor inexistent | FR  |
| 135319 | ECMS.Application.OMO | [EAC] [TOP] USD > 7d duration (OMO Ref. Nº 20240051 & 20241850) – FX Spot Rate not update at 8th day and revaluation process not done | ES |
| 135703 | ECMS.Application.Operational day | [EAC] [Operational Day] Event Provide EA to TPA/T2S Status Failed not Blocking | OT |
| 135721 | ECMS.Application.Marketable Assets | [APPR][BE][TOP][CTP1][CTP2]Screen not available | BE |
| 135820 | ECMS.Application.Statements and reporting | [APPR] [semt.018 are generated, but not sent out to ESMIG] | FR |
| 135870 | ECMS.Application.Corporate Actions | [EAC] Client Instructions cancellation request cannot be done | LU |
| 135918 | ECMS.Application.OMO | OMO - LTRO-III . rounding of the interest rate calculated by ECMS on the benefit of the counterparty | DE  |
| 136096 | ECMS.Application.Statements and reporting | semt.002 not sent out if the ISIN description contains ] or [ | OT |
| 137239 | ECMS.Application.U2A screens | [APPR] ECMS is not available for some users | ECMS Incident Manager |
| 137275 | ECMS.Technical.Other | [APPR] APPR is down | OT |

# Additional Information

The regression risk for this release is considered low according to regression tests performed in IAC and the analysis done by the support teams. See the section restriction 3.4.2 for more details.

## XSD version

The following principles and rules referring XSD versions apply:

|  |  |  |
| --- | --- | --- |
|  | **Message Version** | **Additionally available Message Version** |
| **Software Version** | ECMS UDFS v 1.2Binding versions published 31/01/202328/05/2023 | n/a |
| **MyStandards**  | ECMS UDFS v 1.2Binding versions published 31/01/202328/05/2023 | n/a |

Links to MyStandards message usage guidelines are available under the dedicated section in 3.2.

## Message usage guidelines

| **Message Idr** | **Message Name** | **MyStandards Link**  |
| --- | --- | --- |
| admi.005.001.01 | ReportQueryRequest | <https://www2.swift.com/mystandards/#/mp/mx/_cpPN-54eEe2_HrtFlPkgmg/_cpPN_J4eEe2_HrtFlPkgmg/!content> |
| admi.007.001.01 | ReceiptAcknowledgement | https://www2.swift.com/mystandards/#/mp/mx/\_cpPN-54eEe2\_HrtFlPkgmg/\_cpPN\_Z4eEe2\_HrtFlPkgmg/!content |
| camt.004.001.08 | Return Account (AML) | https://www2.swift.com/mystandards/#/mp/mx/\_JqeaEGV0EeiVZ9TevhqGpw/\_PuQDMw4TEeuC29xszeiKFA!content |
| camt.011.001.07 | Modify Limit (update Credit Line) | https://www2.swift.com/mystandards/#/mp/mx/\_qCKyUG8BEe2mUZI\_ykUOqg/\_qCKyVm8BEe2mUZI\_ykUOqg/!content |
| camt.019.001.07 | Return Business Day Information | https://www2.swift.com/mystandards/#/mp/mx/\_-F77ALUMEem3D\_kns4F02w/\_QCsyITMTEeupe-EX861w5Q!content |
| camt.025.001.05 | Receipt (Status on Credit Freezing Update, Modify Limit, Externally Managed Collateral) | https://www2.swift.com/mystandards/#/mp/mx/\_qCKyUG8BEe2mUZI\_ykUOqg/\_qCKyUm8BEe2mUZI\_ykUOqg/!content |
| camt.029.001.09 | Resolution of Investigation (Status on Cancellation of Payment) | https://www2.swift.com/mystandards/#/mp/mx/\_qCKyUG8BEe2mUZI\_ykUOqg/\_qCKyU28BEe2mUZI\_ykUOqg/!content |
| camt.036.001.05 | DebitAuthorisationResponse | https://www2.swift.com/mystandards/#/mp/mx/\_qCKyUG8BEe2mUZI\_ykUOqg/\_qCKyUW8BEe2mUZI\_ykUOqg/!content |
| camt.050.001.05 | Providing Liquidity to ECONS II | <https://www2.swift.com/mystandards/#/mp/mx/_CvIYkGflEeiHpY3ZWojbGQ/_6CqRoR2UEem4Eo9C5uuzUw!content> |
| camt.054.001.08 | BankToCustomerDebitCreditNotification |  |
| camt.056.001.08 | Payment Cancellation Request  | https://www2.swift.com/mystandards/#/mp/mx/\_qCKyUG8BEe2mUZI\_ykUOqg/\_qCKyVG8BEe2mUZI\_ykUOqg/!content |
| camt.077.001.01 | Billing Report | https://www2.swift.com/mystandards/#/mp/mx/\_qCKyUG8BEe2mUZI\_ykUOqg/\_SJB9gG8CEe2EhuLuaqiVkw/!content |
| camt.998.001.03 | Credit Freezing Update | https://www2.swift.com/mystandards/#/mp/mx/\_e574t54zEe2\_HrtFlPkgmg/\_e574uJ4zEe2\_HrtFlPkgmg/!content |
| camt.998.001.03 | Modify Credit Line | https://www2.swift.com/mystandards/#/mp/mx/\_Q8zp0LKEEeiksOjtS2t1cA/\_WQ3kcbKEEeiksOjtS2t1cA!content |
| colr.003.001.04 | Margin Call Request | https://www2.swift.com/mystandards/#/mp/mx/\_LhPllJ4zEe23Lve-6NzfEg/\_LhPllp4zEe23Lve-6NzfEg/!content |
| colr.016.001.04 | Pool Position Report | https://www2.swift.com/mystandards/#/mp/mx/\_LhPllJ4zEe23Lve-6NzfEg/\_LhPllZ4zEe23Lve-6NzfEg/!content |
| colr.019.001.01 | TripartyCollateralTransactionInstruction | https://www2.swift.com/mystandards/#/mp/mx/\_To6PEJ4ZEe2\_HrtFlPkgmg/\_To6PEZ4ZEe2\_HrtFlPkgmg!content |
| colr.020.001.01 | TripartyCollateralStatusAndProcessingAdvice | https://www2.swift.com/mystandards/#/mp/mx/\_To6PEJ4ZEe2\_HrtFlPkgmg/\_To6PEp4ZEe2\_HrtFlPkgmg!content |
| colr.021.001.01 | TripartyCollateralAllegementNotification | https://www2.swift.com/mystandards/#/mp/mx/\_To6PEJ4ZEe2\_HrtFlPkgmg/\_To6PE54ZEe2\_HrtFlPkgmg!content |
| colr.022.001.01 | TripartyCollateralAndExposureReport | https://www2.swift.com/mystandards/#/mp/mx/\_To6PEJ4ZEe2\_HrtFlPkgmg/\_To6PFJ4ZEe2\_HrtFlPkgmg!content |
| colr.024.001.01 | TripartyCollateralAllegementNotificationCancellationAdvice | https://www2.swift.com/mystandards/#/mp/mx/\_To6PEJ4ZEe2\_HrtFlPkgmg/\_To6PFZ4ZEe2\_HrtFlPkgmg!content |
| head.001.001.01 | BusinessApplicationHeader | https://www2.swift.com/mystandards/#/mp/mx/\_V7r4F54bEe23Lve-6NzfEg/\_V7r4GJ4bEe23Lve-6NzfEg/!content |
| head.002.001.01 | BusinessFileHeader | https://www2.swift.com/mystandards/#/mp/mx/\_V7r4F54bEe23Lve-6NzfEg/\_V7r4GZ4bEe23Lve-6NzfEg/!content |
| pacs.002.001.10 | Payment Status Report | https://www2.swift.com/mystandards/#/mp/mx/\_7qemYJ4gEe23Lve-6NzfEg/\_7qemY54gEe23Lve-6NzfEg/!content |
| pacs.009.001.08 | Financial Institution Credit Transfer | https://www2.swift.com/mystandards/#/mp/mx/\_7qemYJ4gEe23Lve-6NzfEg/\_7qemYp4gEe23Lve-6NzfEg/!content |
| pacs.010.001.03 | Financial Institution Direct Debit | https://www2.swift.com/mystandards/#/mp/mx/\_7qemYJ4gEe23Lve-6NzfEg/\_7qemYZ4gEe23Lve-6NzfEg/!content |
| reda.024.001.01 | CollateralValueCreationRequest | https://www2.swift.com/mystandards/#/mp/mx/\_h9GqUJBqEeul5tJbTfO5mw/\_OlkM4JB1Eeul5tJbTfO5mw!content |
| reda.025.001.01 | EligibleSecuritiesCreationRequest | https://www2.swift.com/mystandards/#/mp/mx/\_h9GqUJBqEeul5tJbTfO5mw/\_547XsaytEeu5TKv36vD2Ig!content |
| reda.027.001.01 | CloseLinkCreationRequest | https://www2.swift.com/mystandards/#/mp/mx/\_h9GqUJBqEeul5tJbTfO5mw/\_cipy0JB1Eeul5tJbTfO5mw!content |
| reda.028.001.01 | CollateralDataStatusAdvice | https://www2.swift.com/mystandards/#/mp/mx/\_h9GqUJBqEeul5tJbTfO5mw/\_6mVa0ayuEeu5TKv36vD2Ig!content |
| reda.074.001.01 | TripartyCollateralUnilateralRemovalRequest | https://www2.swift.com/mystandards/#/mp/mx/\_To6PEJ4ZEe2\_HrtFlPkgmg/\_To6PFp4ZEe2\_HrtFlPkgmg!content |
| reda.075.001.01 | EligibleSecuritiesDeletionRequest | https://www2.swift.com/mystandards/#/mp/mx/\_h9GqUJBqEeul5tJbTfO5mw/\_4F994JB1Eeul5tJbTfO5mw!content |
| reda.077.001.01 | CloseLinkDeletionRequest | https://www2.swift.com/mystandards/#/mp/mx/\_h9GqUJBqEeul5tJbTfO5mw/\_Yze88JB2Eeul5tJbTfO5mw!content |
| seev.001.001.10 | MeetingNotification | https://www2.swift.com/mystandards/#/mp/mx/\_fWasQP5GEe2Isabat7xeaQ/\_fWasQf5GEe2Isabat7xeaQ!content |
| seev.031.001.13 [Binding] | CorporateActionNotification | https://www2.swift.com/mystandards/#/mp/mx/\_fWasQP5GEe2Isabat7xeaQ/\_fWasQv5GEe2Isabat7xeaQ!content |
| seev.032.001.08 [Binding] | CorporateActionEventProcessingStatusAdvice | https://www2.swift.com/mystandards/#/mp/mx/\_fWasQP5GEe2Isabat7xeaQ/\_fWasQ\_5GEe2Isabat7xeaQ!content |
| seev.033.001.12 [Binding] | CorporateActionInstruction | https://www2.swift.com/mystandards/#/mp/mx/\_fWasQP5GEe2Isabat7xeaQ/\_fWasRP5GEe2Isabat7xeaQ!content |
| seev.034.001.13 [Binding] | CorporateActionInstructionStatusAdvice | https://www2.swift.com/mystandards/#/mp/mx/\_fWasQP5GEe2Isabat7xeaQ/\_fWasRf5GEe2Isabat7xeaQ!content |
| seev.035.001.14 [Binding] | CorporateActionMovementPreliminaryAdvice | https://www2.swift.com/mystandards/#/mp/mx/\_fWasQP5GEe2Isabat7xeaQ/\_fWasRv5GEe2Isabat7xeaQ!content |
| seev.036.001.14 [Binding] | CorporateActionMovementConfirmation | https://www2.swift.com/mystandards/#/mp/mx/\_fWasQP5GEe2Isabat7xeaQ/\_fWbTUP5GEe2Isabat7xeaQ!content |
| seev.037.001.14 [Binding] | CorporateActionMovementReversalAdvice | https://www2.swift.com/mystandards/#/mp/mx/\_fWasQP5GEe2Isabat7xeaQ/\_fWbTUf5GEe2Isabat7xeaQ!content |
| seev.039.001.12 [Binding] | CorporateActionCancellationAdvice | https://www2.swift.com/mystandards/#/mp/mx/\_fWasQP5GEe2Isabat7xeaQ/\_fWbTUv5GEe2Isabat7xeaQ!content |
| seev.040.001.12 [Binding] | CorporateActionInstructionCancellationRequest | https://www2.swift.com/mystandards/#/mp/mx/\_fWasQP5GEe2Isabat7xeaQ/\_fWbTU\_5GEe2Isabat7xeaQ!content |
| seev.041.001.13 [Binding] | CorporateActionInstructionCancellationRequestStatusAdvice | https://www2.swift.com/mystandards/#/mp/mx/\_fWasQP5GEe2Isabat7xeaQ/\_fWbTVP5GEe2Isabat7xeaQ!content |
| seev.042.001.11 [Binding] | CorporateActionInstructionStatementReport | https://www2.swift.com/mystandards/#/mp/mx/\_fWasQP5GEe2Isabat7xeaQ/\_fWbTVf5GEe2Isabat7xeaQ!content |
| seev.044.001.12 | CorporateActionMovementPreliminaryAdviceCancellationAdvice | https://www2.swift.com/mystandards/#/mp/mx/\_fWasQP5GEe2Isabat7xeaQ/\_fWbTVv5GEe2Isabat7xeaQ!content |
| semt.002.001.10 [Binding] | SecuritiesBalanceCustodyReport | https://www2.swift.com/mystandards/#/mp/mx/\_JbdZYOVBEeuhaqnPYdiQhw/\_JbdZYeVBEeuhaqnPYdiQhw!content |
| semt.017.001.09 [Binding] | SecuritiesTransactionPostingReport | https://www2.swift.com/mystandards/#/mp/mx/\_JbdZYOVBEeuhaqnPYdiQhw/\_JbdZY-VBEeuhaqnPYdiQhw!content |
| semt.018.001.10 [Binding] | SecuritiesTransactionPendingReport | https://www2.swift.com/mystandards/#/mp/mx/\_JbdZYOVBEeuhaqnPYdiQhw/\_JbdZYuVBEeuhaqnPYdiQhw!content |
| sese.020.001.06 | SecuritiesTransactionCancellationRequest | https://www2.swift.com/mystandards/#/mp/mx/\_bqwLEIDKEeu33vEL3nRjtw/\_bqwyIoDKEeu33vEL3nRjtw!content |
| sese.023.001.09 | SecuritiesSettlementTransactionInstruction | https://www2.swift.com/mystandards/#/mp/mx/\_bqwLEIDKEeu33vEL3nRjtw/\_bqwyIYDKEeu33vEL3nRjtw!content |
| sese.024.001.10 | SecuritiesSettlementTransactionStatusAdvice | https://www2.swift.com/mystandards/#/mp/mx/\_bqwLEIDKEeu33vEL3nRjtw/\_bqwLEYDKEeu33vEL3nRjtw!content |
| sese.025.001.09 | SecuritiesSettlementTransactionConfirmation | https://www2.swift.com/mystandards/#/mp/mx/\_bqwLEIDKEeu33vEL3nRjtw/\_bqwLEoDKEeu33vEL3nRjtw!content |
| sese.027.001.05 | SecuritiesTransactionCancellationRequestStatusAdvice | https://www2.swift.com/mystandards/#/mp/mx/\_bqwLEIDKEeu33vEL3nRjtw/\_bqwyIIDKEeu33vEL3nRjtw!content |
| sese.032.001.09 | SecuritiesSettlementTransactionGenerationNotification |  |

## Non-iso files

| **Schema file** | **Schema file version** |
| --- | --- |
| Credit Claim file | Credit\_Claims\_file\_Schema\_20231011.xsd |
| Credit Claim Processing report file | CC\_Processing\_Report\_file\_Schema\_20230417.xsd |

- Message Pagination implemented for CC file

## Restrictions

### Restrictions coming from previous releases

* OMO:
* collateral reservation / collateral release of OMO in currency based on currency table is not fully stabilized
* If a CLM rejection is received on the maturity date, the system updates correctly the status of OMO and the maturity date (+1 BD). However, interest is not calculated correctly for this new maturity date, preventing the OMO from maturing.
* Export of ECMS U2A reports is working as dessigned with restriction on extraction in PDF format – pending ECMS-WG validation of fields
* Migration – Issues following the migration of CC Cross Border: Based of the Country code of the debtor instead of the governing law
* Interest rate movements created from the settlement date until the current business date
* Multipooling:
	+ The transfer of CC and MA is not working properly

### New restrictions introduced with this Release

* + None

## Corporate Action Events

The below table provides the status details on of each Corporate Action Event:

| **CA Event** | **Impacted flows per Event** |
| --- | --- |
| **Notification** | **Instruct** | **Advise** | **Confirm** | **Reverse** |
| **CA Event ID** | **CA Event name** | **Option** |
| ACTV | Trading Status: Active | MAND-N/A | X |  |  |  |  |
| BIDS | Repurchase Offer/Issuer Bid/Reverse Rights | VOLU-CASH,NOAC,CTEN | X | X | X | X | X |
| BPUT | Put Redemption | VOLU-CASH, NOAC | X | X | X | X | X |
| BRUP | Bankruptcy | MAND-N/A | X |  |  |  |  |
| CAPI | Capitalisation | MAND-N/A | X |  |  |  |  |
| CERT | Non-US TEFRA D Certification | CHOS-QINV,NOQU | X | X |  |  |  |
| CHAN | Change | MAND-N/A,SECU | X |  | X | X | X |
| CONS | Consent | VOLU-CONN,CONY,ABST,NOAC | X | X | X | X | X |
| CONV | Conversion | MAND-SECU, | X |  | X | X | X |
| CONV | Conversion | VOLU-CASE, CASH,SECU, NOAC | X | X | X | X | X |
| CREV | Credit Event | MAND-N/A | X |  |  |  |  |
| DFLT | Bond Default | MAND- N/A | X |  |  |  |  |
| DLST | Trading Status: Delisted | MAND- N/A | X |  |  |  |  |
| DRAW | Drawing | MAND-CASH | X |  | X | X | X |
| DSCL | Disclosure | MAND-CONY | X |  |  |  |  |
| DSCL | Disclosure | VOLU-CONY, CONN, NOAC | X | X | X | X | X |
| DTCH | Dutch Auction | VOLU-CASH, NOAC | X | X | X | X | X |
| EXOF | Exchange | VOLU-SECU,CASH, CASE,CEXC,NOAC | X | X | X | X | X |
| EXOF | Exchange | MAND-SECU | X |  | X | X | X |
| EXOF | Exchange | MAND-CASH | X |  | X | X | X |
| EXOF | Exchange | MAND-CASE | X |  | X | X | X |
| EXOF | Exchange | CHOS-SECU,CASH,CASE | X | X | X | X | X |
| EXTM | Maturity Extension | MAND-N/A, SECU | X |  | X | X | X |
| EXTM | Maturity Extension | CHOS-SECU,MPUT | X | X | X | X | X |
| INCR | Increase in Value | MAND-N/A | X |  |  |  | X |
| INFO | Information | MAND-N/A | X |  |  |  |  |
| INTR | Interest Payment | MAND-CASH | X | X | X | X | X |
| INTR | Interest Payment | CHOS-CASH | X | X | X | X | X |
| LIQU | Liquidation Payment | MAND-CASH | X |  | X | X | X |
| LIQU | Liquidation Payment | MAND-SECU | X |  | X | X | X |
| LIQU | Liquidation Payment | MAND-CASE | X |  | X | X | X |
| LIQU | Liquidation Payment | CHOS-CASH,SECU, CASE | X | X | X | X | X |
| MCAL | Full Call/Early Redemption | MAND-CASH | X |  | X | X | X |
| PARI | Pari-Passu | MAND-SECU | X |  | X | X | X |
| PCAL | Partial Redemption Without Pool Factor Reduction | MAND-CASH | X |  | X | X | X |
| PINK | Payment in Kind | MAND- OTHR, SECU | X |  | X | X | X |
| PLAC | Place of Incorporation | MAND-SECU | X |  | X | X | X |
| PLAC | Place of Incorporation | MAND-N/A | X |  |  |  |  |
| PPMT | Instalment Call | MAND-SECU | X | X | X | X | X |
| PPMT | Instalment Call | CHOS-SECU,LAPS | X | X | X | X | X |
| PRED | Partial Redemption With Pool Factor Reduction | MAND-CASH | X |  | X | X | X |
| REDM | Final Maturity | MAND-CASH | X |  | X | X | X |
| REDM | Final Maturity | CHOS-CASH | X | X | X | X | X |
| REDO | Redenomination | MAND-SECU | X |  | X | X | X |
| REDO | Redenomination | MAND-N/A |  |  |  |  |  |
| REMK | Remarketing Agreement | CHOS-SECU,CASH | X | X | X | X | X |
| RHDI | Intermediate Securities Distribution | MAND-SECU | X |  | X | X | X |
| SUSP | Trading Status: Suspended | MAND-N/A | X |  |  |  |  |
| TEND | Tender/Acquisition/Takeover/Purchase Offer | VOLU-SECU,CASE, CASH,NOAC | X | X | X | X | X |
| WRTH | Worthless | MAND-LAPS | X |  | X | X | X |
| TREC | Tax Reclaim | VOLU-CASH, NOAC | X |  | X | X | X |
| WTRC | Withholding Tax Relief Certification | VOLU-BOBD, NOAC | x | x |  |  |  |