**ISO 20022**

Target2-Securities - Securities Account Reference Data

Message Definition Report Part 1

Approved by the Securities and Payments SEG under the leadership of the Securities SEG on 02 December 2019

This document provides information about the use of the messages for Securities Account Reference Data and includes, for example, business transactions and examples.

December 2019

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Preliminary Note

The Message Definition Report (MDR) is made of three parts:

MDR Part 1

This describes the contextual background required to understand the functionality of the proposed message set. Part 1 is produced by the submitting organization that developed or maintained the message set in line with an MDR Part 1 template provided by the ISO 20022 Registration Authority (RA) on [www.iso20022.org](http://www.iso20022.org).

MDR Part 2

This is the detailed description of each message definition of the message set. Part 2 is produced by the RA using the model developed by the submitting organization.

MDR Part 3

This is an extract if the ISO 20022 Business Model describing the business concepts used in the message set. Part 2 is an Excel document produced by the RA.

# Introduction

## Terms and Definitions

The following terms are reserved words defined in ISO 20022 Edition 2013 – Part1. When used in this document, the UpperCamelCase notation is followed.

| Term | Definition |
| --- | --- |
| BusinessRole | Functional role played by a business actor in a particular BusinessProcess or BusinessTransaction. |
| Participant | Involvement of a BusinessRole in a BusinessTransaction. |
| BusinessProcess | Definition of the business activities undertaken by BusinessRoles within a BusinessArea whereby each BusinessProcess fulfils one type of business activity and whereby a BusinessProcess may include and extend other BusinessProcesses. |
| BusinessTransaction | Particular solution that meets the communication requirements and the interaction requirements of a particular BusinessProcess and BusinessArea. |
| MessageDefinition | Formal description of the structure of a message instance. |

1. When a MessageDefinition or message identifier is specified, it should include the variant and version number. However, in this document (except in the business examples section, if present), variant and version numbers are not included. In order to know the correct variant and version number for a MessageDefinition, the related Message Definition Report Part 2 document should be consulted.

## Abbreviations and Acronyms

The following is a list of abbreviations and acronyms used in the document.

| Abbreviation/Acronyms | Definition |
| --- | --- |
| 4CB | Banca d’Italia, Banque de France, Deutsche Bundesbank and Banco d’España |
| ACH | Automated Clearing House |
| A2A | Application-to-Application mode. Defines a mode of technical communication that permits the exchange of information between software applications of T2S and a directly connected T2S actor. |
| BAH/head.001 | Business Application Header |
| BIC | Business Identifier Code |
| CeBM | Central Bank Money |
| CSD | Central Securities Depository |
| ID | Identification |
| MDR | Message Definition Report |
| NCB | National Central Bank |
| RTGS | Real-time gross settlement (RTGS) system. |
| A settlement system in which processing and settlement take place in real-time on a gross basis. |  |
| SEG | Standards Evaluation Group |
| T2S | TARGET2-Securities |
| TM | Technical Message. Messages which cover technical functions within T2S System |
| U2A | User-to-Application mode. Defines a mode of technical communication that permits the exchange of information between software applications of T2S and a T2S system user through a graphical user interface (GUI). |
| URD | T2S User Requirement Document |
| XML | eXtensible Mark-up language |
| 4CB | Banca d’Italia, Banque de France, Deutsche Bundesbank and Banco d’España |
| ACH | Automated Clearing House |
| A2A | Application-to-Application mode. Defines a mode of technical communication that permits the exchange of information between software applications of T2S and a directly connected T2S actor. |
| BAH/head.001 | Business Application Header |
| BIC | Business Identifier Code |
| CeBM | Central Bank Money |
| CSD | Central Securities Depository |
| ID | Identification |
| MDR | Message Definition Report |
| NCB | National Central Bank |
| RTGS | Real-time gross settlement (RTGS) system. A settlement system in which processing and settlement take place in real-time on a gross basis. |
| SEG | Standards Evaluation Group |
| T2S | TARGET2-Securities |
| TM | Technical Message. Messages which cover technical functions within T2S System |
| U2A | User-to-Application mode. Defines a mode of technical communication that permits the exchange of information between software applications of T2S and a T2S system user through a graphical user interface (GUI). |
| URD | T2S User Requirement Document |
| XML | eXtensible Mark-up language |

## Document Scope and Objectives

This document is the first part of the <Name of message set> Message Definition Report (MDR) that describes the BusinessTransactions and underlying message set. For the sake of completeness, the document may also describe BusinessActivities that are not in the scope of the business processes covered in this document.

This document describes the following:

* the BusinessProcess scope
* the BusinessRoles involved in these BusinessProcesses

The main objectives of this document are as follows:

* to provide information about the messages that support the business processes
* to explain the BusinessProcesses and BusinessActivities these messages have addressed
* to give a high level description of BusinessProcesses and the associated BusinessRoles
* to document the BusinessTransactions
* to provide business examples

The messages definitions are specified in Message Definition Report Part 2.

## References

| Document | Version | Date | Author |
| --- | --- | --- | --- |
| ISO 20022 Business Justification – Target2-Securities #42 | 2.0 |  | 4CB |
| T2S User Requirements (URD)  https://www.ecb.europa.eu/paym/t2s/pdf/2016-08-01\_urd\_v5\_05.pdf | 5.05 | 08.2016 | ECB |

# Scope and Functionality

## Background

This Message Definition Report covers a set of 9 ISO 20022 Securities Account Reference Data Message Definitions developed by Banca d’Italia on behalf of 4CB in close collaboration with SWIFT and approved by the Securities Standards Evaluation Group (lead SEG) and the Payments SEG.

Originally, these messages have been designed to support the T2S community for reference data management. T2S (TARGET2-Securities) is a European securities settlement engine which offers centralised settlement in central bank money across all European securities markets. The fundamental objective of T2S is to integrate and harmonise the highly fragmented securities settlement infrastructure in Europe. It aims to reduce the costs of cross-border securities settlement and increase competition and choice among providers of post-trading services in Europe.

The detailed description of each MessageDefinition is provided in Message Definition Report Part 2.

## Scope

The Securities Account Reference Data messages are specifically designed to support the management of the securities account reference data, the monitoring of the execution of the requests and the activity reporting, including audit trail information.

## Groups of MessageDefinitions and Functionality

Some introductory text if appropriate (style is ‘normal’)

1. These messages are to be used with the ISO 20022 Business Application Header (head.001). The schema and more information about the Business Application Header (BAH) can be found on the www.iso20022.org web site

### Groups

This Securities Account Reference Data message set consists of:

| MessageDefinition | Message Identifier |
| --- | --- |
| Securities Account Creation Request | reda.018 |
| Securities Account Modification Request | reda.023 |
| Securities Account Deletion Request | reda.032 |
| Securities Account Status Advice | reda.020 |
| Securities Account Query | reda.019 |
| Securities Account Report | reda.021 |
| Securities Account Activity Advice | reda.035 |
| Securities Account Audit Trail Query | reda.036 |

all of which are intended for use with the ISO 20022 Business Application Header (head.001). The schema and more information about the Business Application Header (BAH) can be found on the [www.iso20022.org](http://www.iso20022.org/bah.page) web site.

### Functionality

The party messages are specifically designed to support the following functions:

#### Securities Account Creation Request (reda.018)

Securities Account Creation Request (reda.018) provides a user, granted with the appropriate rights, with the possibility to create a new Securities Account.

The user has to specify information that clearly identifies the Securities Account, as for example Securities account number, Account owner identification, type of the account, opening and closing date, hold indicator default value, negative position indicator.

#### Securities Account Status Advice (reda.020)

The Securities Account Status Advice (reda.020) informs the Instructing Party about the lifecycle of its securities account creation request.

#### Securities Account Modification Request (reda.023)

Securities Account Modification Request (reda.023) provides a user, granted with the appropriate rights, with the possibility to update an active and valid securities account.

The Securities Account Status Advice (reda.020) informs the Instructing Party about the lifecycle of its securities account modification request.

#### Securities Account Deletion Request (reda.032)

Securities Account Deletion Request (reda.032) provides a user, granted with the appropriate rights, with the possibility to delete an existing securities account.

The Securities Account Status Advice (reda.020) informs the Instructing Party about the lifecycle of its securities account deletion request.

#### Securities Account Query (reda.019)

Securities Account Query (reda.019) is sent by an authorised party to query on securities account reference data.

This message is sent to the servicing party to make the following type of queries:

* Securities Account Reference Data Query;
* Securities Account List Query.

Depending on the query criteria, it is possible that the processing will take more than a certain time or that the query will not retrieve any record. In this case, an error is sent to the Instructing Party within the Securities Account Report (reda.021);

Search criteria include the following elements:

* Account identification;
* Account servicer;
* Account owner;
* Responsible party type;
* Opening and closing date;
* Account type;
* End investor flag;
* Pricing scheme.

#### Securities Account Report (reda.021)

Securities Account Report (reda.021) is sent to the Instructing Party and includes all of the Securities Account records that meet the specified criteria or reports any possible error (e.g. not allowed set of search criteria).

This query response contains the timestamp specifying the system time when the data selection was actually performed.

The Securities Account Report is capable to report any piece of information related to a securities account, including securities account identification, opening and closing date, hold indicator default value, negative position indicator, securities account type, securities account owner, party type; market specific attribute, restriction, end investor flag, pricing scheme.

#### Securities Account Activity Advice (reda.035)

Securities Account Activity Advice (reda.035) is sent to authorised recipients by the servicing party to provide with information on changes occurred during the business day on securities account reference data.

Securities Account Activity Advice is capable to report any change applied to every piece of information for a securities account, including securities account number, opening and closing date, type of the account, hold indicator default value, negative position indicator, end investor flag, pricing scheme, validity information, responsible party, restriction type, restriction validity information, market specific attributes information.

#### Securities Account Audit Trail Query (reda.036)

Securities Account Audit Trail Query (reda.036) is sent by an authorised party to query on audit trail for securities account reference data.

Depending on the query criteria, it is possible that the processing will take more than a certain time or that the query will not retrieve any record. In this case, an error is sent to the Instructing Party within the Securities Account Audit Trail Report message.

Search criteria include the following elements:

* Securities account identification;
* Date Period.

#### Securities Account Audit Trail Report (reda.037)

Securities Account Audit Trail Report (reda.037) is sent to the Instructing Party and includes all of the securities account audit trail records that meet the specified criteria or reports any possible error (e.g. empty list retrieved).

This query response contains the timestamp specifying the system time when the data selection was actually performed.

Securities Account Audit Trail Report is capable to report any change applied to every piece of information for a securities account along with the reference of the user performing the change and the related timestamp.

See Message Definition Report Part 2 for the message and formats.

# BusinessRoles and Participants

A BusinessRole represents an entity (or a class of entities) of the real world, physical or legal, a person, a group of persons, a corporation. Examples of BusinessRoles: “Financial Institution”, “Automated Clearing House”, “Central Securities Depository”.

A Participant is a functional role performed by a BusinessRole in a particular BusinessProcess or BusinessTransaction. Examples of Participants: the “user” of a system, “debtor”, “creditor”, “investor”.

The relationship between BusinessRoles and Participants is many-to-many. One BusinessRole can be involved as different Participants at different moments in time or at the same time. Examples of BusinessRoles: "user", "debtor”, "creditor", "investor". Different BusinessRoles can be involved as the same Participant.

In the context of <xxxxxx> the high-level BusinessRoles and typical Participants can be represented as follows:



## Participants and BusinessRoles Definitions

Participants

| Description | Definition |
| --- | --- |
| Instructing Party | Party that instructs the executing/servicing party to process and monitor a transaction. |
| Executing/Servicing Party | Party that processes, monitors and reports on transactions received from the Instructing party. |
|  |  |

Business Roles

| Description | Definition |
| --- | --- |
| Central Securities Depositories (CSD) | An infrastructure that, holds or controls, the holding of physical or dematerialised financial instruments belonging to all, or a large portion of, the investors in a securities market. This affects the centralised transfer of ownership of such securities by entries on its books and records. |
| National Central Bank (NCB) | The principal monetary authority of a nation, a central bank performs several key functions, including issuing currency and regulating the supply of credit in the economy. |
| Corporate | The most common form of business organization, and one which is chartered by a state and given many legal rights as an entity separate from its owners. This form of business is characterized by the limited liability of its owners, the issuance of shares of easily transferable stock, and its existence as a going concern. |
| Bank | A business establishment in which money is kept for saving or commercial purposes or is invested, supplied for loans, or exchanged. A bank is licensed by a government. Its primary activity is to lend money. A bank does most or all of the following: receives demand deposits and time deposits, honors instruments drawn on them, and pays interest on them; discounts notes, makes loans, and invests in securities; collects checks, drafts, and notes; certifies depositor's checks; and issues drafts and cashier's checks. |
| Market Infrastructure | The party that provides, through common membership, services to create a fair and open process for the execution of transactions between trading parties and the creation of settlement obligations. |
|  |  |

## BusinessRoles and Participants Table

| BusinessRole | Instructing Party | Executing/Servicing Party |
| --- | --- | --- |
| Bank | X |  |
| Corporate | X |  |
| CSD | X | X |
| Market Data Provider | X | X |
| Market Infrastructure |  | X |

# BusinessProcess Description

The aim of the below is to describe the high-level scope of T2S concerning “Securities Account Reference Data” and is not to be exhaustive

This diagram represents the high level BusinessProcesses.



Create Securities Account

| Item | Description |
| --- | --- |
| Definition | When an Instructing Party would like to create a specific securities account that is not yet supported by the Executing/Servicing Party, an Instructing Party asks the Executing/Servicing Party to create the securities account in its system. |
| Trigger | The process is triggered when the Instructing Party sends a Securities Account Creation Request message. |
| Pre-conditions | The Instructing Party is known by the Executing/Servicing Party system and has been granted the appropriate privileges. The Instructing Party identified a gap in the securities accounts’ coverage of the Executing/Servicing Party. The Instructing Party needs this securities account to be set-up at the Executing /Servicing Party to perform its activities. |
| Post-conditions | The acknowledgement of the processing of the creation request. |
| Role | Instructing Party |

Modify Securities Account

| Item | Description |
| --- | --- |
| Definition | When an Instructing Party is in charge of the modification of a specific securities account already supported by the Executing/Servicing Party system, the Instructing Party asks the Executing/Servicing Party to modify a securities account in the Executing/Servicing Party system. |
| Trigger | The process is triggered when the Instructing Party sends a Securities Account Modification Request message. |
| Pre-conditions | The Instructing Party is known by the Executing/Servicing Party system and has been granted the appropriate privileges. An attribute of the securities account has changed which requires a modification of the securities account in the Executing/Servicing Party system. |
| Post-conditions | The acknowledgement of the processing of the modification request. |
| Role | Instructing Party |

Delete Securities Account

| Item | Description |
| --- | --- |
| Definition | When an Instructing Party would like to delete a specific securities account already supported by the Executing/Servicing Party system, an Instructing Party asks the Executing/Servicing Party to delete the securities account in its system. |
| Trigger | The process is triggered when the Instructing Party sends a Securities Account Deletion Request message. |
| Pre-conditions | The Instructing Party is known by the Executing/Servicing Party system and has been granted the appropriate privileges. The Instructing Party identified a gap in the Securities Accounts’ coverage of the Executing/Servicing Party. The Instructing Party needs to remove this securities account at the Executing /Servicing Party. |
| Post-conditions | The acknowledgement of the processing of the deletion request. |
| Role | Instructing Party |

Query

| Item | Description |
| --- | --- |
| Definition | The Instructing Party asks the Executing/Servicing Party a response to a query. |
| Trigger | The process is triggered when the Instructing Party sends a Securities Account Query message. |
| Pre-conditions | The query type must be known by the Instructing party and the Executing/Servicing Party. |
| Post-conditions | The Securities Account Report message including all of the retrieved securities account records |
| Role | Instructing Party |

****Generate Statement****

| Item | Description |
| --- | --- |
| Definition | The Recipient Party receives a Securities Account Activity Advice statement which has been automatically produced by the Executing/Servicing Party. |
| Trigger | The process is triggered automatically. |
| Pre-conditions | A standing instruction is in place at the Executing/Servicing Party for sending of the statement. |
| Post-conditions | The acknowledgement of the sending of the statement. |
| Role | Executing/Servicing Party |

# Description of BusinessActivities

This section presents the different BusinessActivities within each BusinessProcess. The BusinessActivities of a process are described with activity diagrams.

Legend

| Symbol | Name | Definition |
| --- | --- | --- |
|  | Start Point | Shows where the lifecycle of the business process commences. |
|  | End Point | Shows where the lifecycle of the business process may ends. |
|  | Lozenge (or diamond) | Indicates that a choice between several actions can be made. |
|  | Bar | Indicates that several actions are initiated in parallel. |

## Securities Account Reference Data

### Creation Process



| Step | Description | Initiator |
| --- | --- | --- |
| Instruction | Instructing Party instructs the Executing/Servicing Party to create a securities account. | Instructing Party |
| Validate | Executing/Servicing Party system checks if this instruction is a new occurrence or not.  It also checks if this instruction is already handled or not.  If validation of the message fails, a status message “REJECTED” will be sent including the related errors and reason information.  If the message is valid and the time permits the creation of the securities account (e.g. not during a night –time sequence), the data will be processed and a status message “COMPLETED” will be sent.  Otherwise, a status message “QUEUED” will be sent and the instruction will be resubmit to validation after e.g. a night –time cycle. | Executing/Servicing Party |
| Process | If the instruction is accepted, the Executing/Servicing Party processes the instruction and informs the Instructing Party of the completeness of this instruction. | Executing/Servicing Party |
| Report | Executing/Servicing Party informs the Instructing Party that this instruction is rejected and why. | Executing/Servicing Party |
| Monitor process | Instructing Party monitors the status of the instruction. | Instructing Party |

### Modification Process



| Step | Description | Initiator |
| --- | --- | --- |
| Instruction | Instructing Party instructs the Executing/Servicing Party to modify a securities account. | Instructing Party |
| Validate | Executing/Servicing Party checks if the instruction already exists in the system.  It checks also if the data can or cannot be updated.  If validation of the message fails, a status message “REJECTED” will be sent including the related errors and reason information.  If the message is valid and the time permits the update of the securities account (e.g. not during a night –time sequence), the data will be processed and a status message “COMPLETED” will be sent.  Otherwise a status message “QUEUED” will be sent and the instruction will be resubmit to validation after e.g. a night –time cycle. | Executing/Servicing Party |
| Process | If the instruction is accepted, Executing/Servicing Party processes the instruction and informs the Instructing Party of the completeness of this instruction. | Executing/Servicing Party |
| Report | Executing/Servicing Party informs the Instructing Party that this instruction is rejected and why. | Executing/Servicing Party |
| Monitor process | Instructing Party monitors the status of the instruction. | Instructing Party |

### Deletion Process



| Step | Description | Initiator |
| --- | --- | --- |
| Instruction | Instructing Party instructs the Executing/Servicing Party to delete a securities account. | Instructing Party |
| Validate | Executing/Servicing Party checks if the instruction already exists in the system.  It checks also if the securities account can or cannot be deleted.  If validation of the message fails, a status message “REJECTED” will be sent including the related errors and reason information.  If the message is valid and the time permits the deletion of the securities account (e.g. not during a night –time sequence), the data will be processed and a status message “COMPLETED” will be sent.  Otherwise a status message “QUEUED” will be sent and the instruction will be resubmit to validation after e.g. a night –time cycle. | Executing/Servicing Party |
| Process | If the instruction is accepted, the Executing/Servicing Party processes the instruction and informs the Instructing Party of the completeness of this instruction. | Executing/Servicing Party |
| Report | Executing/Servicing Party informs the Instructing Party that this instruction is rejected and why. | Executing/Servicing Party |
| Monitor process | Monitor process: Instructing Party monitors the status of the instruction. | Instructing Party |

### Query/Query Response process



| Step | Description | Initiator |
| --- | --- | --- |
| Instruction | Instructing Party instructs Executing/Servicing Party to run a query or Audit Trail Query. | Instructing Party |
| Process Query | Executing/Servicing Party processes the request.  In case the processing of the query takes too much time or cannot give any positive response, the Executing/Servicing Party sends an error message back to the Instructing Party with the error code and the related explanation. | Executing/Servicing Party |
| Response | Executing/Services Party sends the response to the Instructing Party according to query results. | Executing/Servicing Party |
| Monitor Process | Instructing Party monitors the status of the instruction. | Instructing Party |

### Statement process



| Step | Description | Initiator |
| --- | --- | --- |
| Instruction | Instructing Party might instruct Executing/Servicing Party to run a statement.  This is not covered by the current process as NO message will be created to cover this. | Instructing Party |
| Process Statement | Executing/Servicing Party processes the statement. | Executing/Servicing Party |
| Reporting | Executing/Servicing Party sends the statement to the Instructing Party. | Executing/Servicing Party |
| Monitor Process | Instructing Party monitors the status of the instruction. | Instructing Party |

# BusinessTransactions

This section describes the message flows based on the activity diagrams documented above. It shows the typical exchanges of information in the context of a BusinessTransaction.

## Creation Process

### Confirmation Scenario

Applies when the instruction sent by the Instructing Party is processed and confirmed by the Executing/Servicing Party.

***Creation Process***



Securities Account Status Advice (reda.020): QUEUED

Securities Account Status Advice (reda.020): COMPLETED

COMPLETED

Securities Account Creation Request (reda.018)

Securities Account Creation Request

The Instructing Party sends the instruction to the Executing/Servicing Party to create a new securities account. This instruction contains information that clearly identify the securities account.

Securities Account Status Advice

The Executing/Servicing Party informs the Instructing Party about the lifecycle of its instruction with the following statuses:

* **Queued**The Executing/Servicing Party might inform the Instructing party that the processing of Securities Account Creation Request has been delayed. In case of e.g. a night-time cycle is running.
* Completed  
  The Executing/Servicing Party informs the Instructing party that the Securities Account Creation Request has been successfully processed. The Executing/Servicing Party present to the Instructing Party the identification of the Securities Account that has been processed.

Rejection Scenario

Applies when the instruction sent by the Instructing Party is rejected by the Executing/Servicing Party.

***Creation Process***



Securities Account Status Advice (reda.020): QUEUED

Securities Account Status Advice (reda.020): REJECTED

COMPLETED

Securities Account Creation Request (reda.018)

Securities Account Creation Request

The Instructing Party sends the instruction to the Executing/Servicing Party to create a new securities account. This instruction contains information that clearly identify the securities account.

Securities Account Status Advice

The Executing/Servicing Party informs the Instructing Party about the lifecycle of its instruction with the following statuses:

* Rejected

The instruction did not pass validation, some reasons could be:

* the mandatory information is not present or incorrect,
* the instruction is not a new occurrence,
* the instruction has already been received and is being processed.

This instruction contains information that identifies the status and the reasons why the instruction is rejected. It is possible to have more than one reason for this status.

* Queued  
  The Executing/Servicing Party might inform the Instructing party that the processing of the Create Securities Account instruction has been delayed. In case of e.g. a night-time cycle is running.
* Rejected

After the re-validation of the instruction, with the new set of data the current instruction did not pass validation, some reasons could be:

* the mandatory information is not present or incorrect,
* the instruction is not a new occurrence,
* the instruction has already been received and is being processed

This instruction contains information that identifies the status and the reasons why the instruction is rejected. It is possible to have more than one reason for this status.

## Modification Process

### Confirmation Scenario

Applies when the instruction sent by the Instructing Party is processed and confirmed by the Executing/Servicing party

Securities Account Modification Request (reda.023)

***Modification process***



Securities Account Status Advice (reda.020): QUEUED

Securities Account Status Advice (reda.020): COMPLETED

Securities Account Maintenance Request

The Instruction Party sends an instruction to the Executing/Servicing Party to modify data for a securities account. This instruction contains information that uniquely identify the securities account.

In this case, this instruction contains details of the restriction like the restriction type and timeframe.

Securities Account Status Advice

The Executing/Servicing Party informs the Instructing Party about the lifecycle of its instruction with the following statuses:

* Queued

The Executing/Servicing Party might inform the Instructing party that the processing of the Modify Securities Account instruction has been delayed. In case of e.g. a night-time cycle is running

* Completed

The Executing/Servicing Party informs the Instructing party that the Modify Securities Account instruction has been successfully processed. The Executing/Servicing Party present to the Instructing Party the identification of the securities account that has been processed.

Rejection Scenario

Applies when the instruction sent by the Instructing Party is rejected by the Executing/Servicing Party.

Securities Account Modification Request (reda.023)

***Modification process***



Securities Account Status Advice (reda.020): QUEUED

Securities Account Status Advice (reda.020): REJECTED

Securities Account Maintenance Request

The Instruction Party sends an instruction to the Executing/Servicing Party to modify reference data for a securities account.

Securities Account Status Advice

The Executing/Servicing Party informs the Instructing Party about the lifecycle of its instruction with the following statuses:

* Rejected

The instruction did not pass validation, some reasons could be:

* the mandatory information is not present or incorrect,
* the data cannot be updated,
* the instruction has already been received and is being processed

This instruction contains information that identifies the status and the reasons why the instruction is rejected. It is possible to have more than one reason for this status

.

* Queued

The Executing/Servicing Party might inform the Instructing party that the processing of the Modify Securities Account instruction has been delayed. In case of e.g. a night-time cycle is running.

* Rejected

After the re-validation of the instruction, with the new set of data the current instruction did not pass validation, some reasons could be:

* the mandatory information is not present or incorrect,
* the data cannot be updated,
* the Instructing Party does not have the right to block/unblock security account,
* the instruction has already been received and is being processed.

This instruction contains information that identifies the status and the reasons why the instruction is rejected. It is possible to have more than one reason for this status.

## Deletion Process

### Confirmation Scenario

Applies when the instruction sent by the Instructing Party is processed and confirmed by the Executing/Servicing party

Securities Account Deletion Request (reda.032)

***Deletion process***



Securities Account Status Advice (reda.020): QUEUED

Securities Account Status Advice (reda.020): COMPLETED

Securities Account Deletion Request

The Instruction Party sends an instruction to the Executing/Servicing Party to delete a securities account. This instruction contains information that uniquely identifies the party and it is used when a party is no longer active.

Securities Account Status Advice

The Executing/Servicing Party informs the Instructing Party about the lifecycle of its instruction with the following statuses:

* Queued:

The Executing/Servicing Party might inform the Instructing party that the processing of the Delete Securities Account instruction has been delayed. In case of e.g. a night-time cycle is running.

* Completed:

The Executing/Servicing Party informs the Instructing party that the Delete Securities Account instruction has been successfully processed. The Executing/Servicing Party present to the Instructing Party the identification of the securities account that has been processed.

Rejection Scenario

Applies when the instruction sent by the Instructing Party is rejected by the Executing/Servicing Party

Securities Account Deletion Request (reda.032)

***Deletion process***



Securities Account Status Advice (reda.020): QUEUED

Securities Account Status Advice (reda.020): REJECTED

Securities Account Deletion Request

The Instruction Party sends an instruction to the Executing/Servicing Party to delete a securities account.

Securities Account Status Advice

The Executing/Servicing Party informs the Instructing Party about the lifecycle of its instruction with the following statuses:

* Rejected

The instruction did not pass validation, some reasons could be:

* the mandatory information is not present or incorrect,
* the Instructing Party does not have the right to delete securities account,
* the instruction has already been received and is being processed.

This instruction contains information that identifies the status and the reasons why the instruction is rejected. It is possible to have more than one reason for this status.

* Queued

The Executing/Servicing Party might inform the Instructing party that the processing of the Delete Securities Account instruction has been delayed. In case of e.g. a night-time cycle is running.

* Rejected

After the re-validation of the instruction, with the new set of data the current instruction did not pass validation, some reasons could be:

* the mandatory information is not present or incorrect,
* the securities account cannot be deleted,
* the Instructing Party does not have the right to delete securities account,
* the instruction has already been received and is being processed

This instruction contains information that identifies the status and the reasons why the instruction is rejected. It is possible to have more than one reason for this status.

Query/Response Process

### Securities Account Query/Securities Account Report Scenario



Securities Account Query (reda.019)

***Query/Report Process***

Securities Account Report (reda.021): ERROR

Securities Account Report (reda.021)

Securities Account Query

The Instructing Party sends an instruction to the Executing/Servicing Party to run a query according to specified criteria.

Securities Account Report

Depending on the query criteria, it is possible that the processing will take more than a certain timeor that the result of the query will be empty due to wrong combination of criteria or no result set. In this case, an error message within a query response message is sent to the Instructing Party.

Securities Account Report

The Executing/Servicing Party sends a query response that meets the specified criteria to the Instructing Party.

Securities Account Audit Trail Query/Securities Account Audit Trail Report Scenario



Securities Account Audit Trail Query (reda.036)

***Query/Response Process***

Securities Account Audit Trail Report (reda.037): ERROR

Securities Account Audit Trail Report (reda.037)

Securities Account Audit Trail Query

The Instructing Party sends an instruction to the Executing/Servicing Party to run a query according to specified criteria’s to retrieve the complete audit trail on a specific securities account.

Securities Account Audit Trail Report

Depending on the query criteria, it is possible that the processing will take more than a certain timeor that the result of the query will be empty due to wrong combination of criteria or no result set. In this case, an error message within a query response message is sent to the Instructing Party.

Securities Account Audit Trail Report

The Executing/Servicing Party sends a query response that meets the specified criteria to the Instructing Party.

Statement Process



Securities Account Activity Advice (reda.035)

***Statement Process***

Securities Account Activity Advice

The Executing/Servicing Party sends a statement to the Instructing Party containing information on changes occurred for securities account reference data during the business day

The statement is sent unilaterally in an unsolicited manner.

# Business Examples

This section describes business examples of the use of the various MessageDefinitions.

## Securities Account Creation Request - reda.018.001.01

Description

The instructing Party wants to create a new securities account with the following information:

* Account owner Parent BIC: CSDAXXYYAAA
* Account owner Party BIC: CSDPXXYYAAA
* Security account identification: SECACCCSDPXXYYAAA
* Account Type: CSDP
* Opening date: 2019-01-01
* Hold indicator: true
* Negative position indicator: false
* End investor flag: NONE
* Pricing scheme: SACC

Message Instance

<Document>

<Document>

<SctiesAcctCreReq>

<MsgHdr>

<MsgId>SAMPLECRESAC</MsgId>

</MsgHdr>

<SctiesAcct>

<AcctOwnr>

<Id>

<Id>

<AnyBIC>CSDPXXYYAAA</AnyBIC>

</Id>

</Id>

<RspnsblPtyId>

<Id>

<AnyBIC>CSDAXXYYAAA</AnyBIC>

</Id>

</RspnsblPtyId>

</AcctOwnr>

<Id>SECACCCSDPXXYYAAA</Id>

<Tp>

<Cd>CSDP</Cd>

</Tp>

<OpngDt>2019-01-01</OpngDt>

<HldInd>true</HldInd>

<NegPos>false</NegPos>

<EndInvstrFlg>NONE</EndInvstrFlg>

<PricgSchme>SACC</PricgSchme>

</SctiesAcct>

</SctiesAcctCreReq>

</Document></Document>

## Securities Account Modification Request - reda.023.001.01

Description

In this example, the instructing party wants to update the negative position flag of the securities account SECACCCSDPXXYYAAA.

* Securities Account Identification: SECACCCSDPXXYYAAA
* Negative position flag: true

Message Instance

<Document>

<SctiesAcctModReq>

<MsgHdr>

<MsgId>SAMPLESACUPDATE</MsgId>

</MsgHdr>

<AcctId>

<Id>SECACCCSDPXXYYAAA</Id>

</AcctId>

<Mod>

<ScpIndctn>UPDT</ScpIndctn>

<ReqdMod>

<SysSctiesAcct>

<NegPos>true</NegPos>

</SysSctiesAcct>

</ReqdMod>

</Mod>

</SctiesAcctModReq>

</Document>

## Securities Account Deletion Request - reda.032.001.01

Description

This example message is sent in order to delete the securities account SECACCCSDPXXYYAAA:

* Securities Account Identification: SECACCCSDPXXYYAAA

Message Instance

<Document>

<SctiesAcctDeltnReq>

<MsgHdr>

<MsgId>SAMPLESACDELETE</MsgId>

</MsgHdr>

<AcctId>

<Id>SECACCCSDPXXYYAAA</Id>

</AcctId>

</SctiesAcctDeltnReq>

</Document>

## Securities Account Status Advice - reda.020.001.01

Description

The following examples are referred to the status advice related to the Securities Account Deletion Request of the chapter 7.3. in three different cases:

* Deletion completed successfully;
* Deletion queued;
* Deletion rejected.

### Completed example

Description

In this case the Securities Account Deletion Request has been successfully executed.

* Original Message ID: SAMPLESACDELETE
* Securities Account Identification: SECACCCSDPXXYYAAA
* Status: COMP

Message Instance

<Document>

<SctiesAcctStsAdvc>

<MsgHdr>

<MsgId>NONREF</MsgId>

<OrgnlBizInstr>

<MsgId>SAMPLESACDELETE</MsgId>

</OrgnlBizInstr>

</MsgHdr>

<SctiesAcctSts>

<RltdSctiesAcct>

<Id>SECACCCSDPXXYYAAA</Id>

</RltdSctiesAcct>

<Sts>COMP</Sts>

</SctiesAcctSts>

</SctiesAcctStsAdvc>

</Document>

### Queued example

Description

This example describes the case in which the Securities Account Deletion Request has been delayed. In case of for example a night-time cycle is running.

* Original Message ID: SAMPLESACDELETE
* Status: QUED
* Additional Information: UPDATE QUEUED

Message Instance

<Document>

<SctiesAcctStsAdvc>

<MsgHdr>

<MsgId>NONREF</MsgId>

<OrgnlBizInstr>

<MsgId>SAMPLESACDELETE</MsgId>

</OrgnlBizInstr>

</MsgHdr>

<SctiesAcctSts>

<Sts>QUED</Sts>

<StsRsn>

<Rsn>

<Prtry>QUED</Prtry>

</Rsn>

<AddtlInf>UPDATE QUEUED</AddtlInf>

</StsRsn>

</SctiesAcctSts>

</SctiesAcctStsAdvc>

</Document>

### Rejected example

Description

In this example the Securities Account Status Advice reports that the Securities Account Deletion Request has been rejected, specifying the rejection reason.

* Original Message ID: SAMPLESACDELETE
* Status. REJT
* Additional Information: ABCD000 DELETION REJECTED

Message Instance

<Document>

<SctiesAcctStsAdvc>

<MsgHdr>

<MsgId>NONREF</MsgId>

<OrgnlBizInstr>

<MsgId>SAMPLESACDELETE</MsgId>

</OrgnlBizInstr>

</MsgHdr>

<SctiesAcctSts>

<Sts>REJT</Sts>

<StsRsn>

<Rsn>

<Prtry>REJT</Prtry>

</Rsn>

<AddtlInf>ABCD000 DELETION REJECTED</AddtlInf>

</StsRsn>

</SctiesAcctSts>

</SctiesAcctStsAdvc>

</Document>

## Securities Account Query - reda.019.001.01

Description

The Securities Account Query message can be used to perform the following queries:

* Securities Account Reference Data Query;
* Securities Account List Query.

In this example the Party CSDAXXYYAAA perform a Securities Account List Query to request a list of securities account.

Message Instance

<Document>

<SctiesAcctQry>

<MsgHdr>

<MsgId>SAMPLESALIQUERY</MsgId>

<ReqTp>

<Prtry>

<Id>SALI</Id>

<SchmeNm>SACQ</SchmeNm>

<Issr>T2S</Issr>

</Prtry>

</ReqTp>

</MsgHdr>

<SchCrit>

<AcctSvcr>

<Id>

<AnyBIC>CSDAXXYYAAA</AnyBIC>

</Id>

</AcctSvcr>

</SchCrit>

</SctiesAcctQry>

</Document>

## Securities Account Report - reda.021.001.01

Description

The Securities Account Report message can be used as answer for:

* Securities Account Reference Data Query;
* Securities Account List Query.

performed using the Securities Account Query. This example shows the answer to the Securities Account List Query described in the chapter 7.5. The query returns only one securities account:

* Securities Account Identification: SECACCCSDPXXYYAAA
* Account owner Parent BIC: CSDAXXYYAAA
* Account owner Party BIC: CSDPXXYYAAA
* End investor flag: NONE
* Pricing scheme: SACC

Message Instance

<Document>

<SctiesAcctRpt>

<MsgHdr>

<MsgId>NONREF</MsgId>

<OrgnlBizQry>

<MsgId>SAMPLESALIQUERY</MsgId>

</OrgnlBizQry>

</MsgHdr>

<Pgntn>

<PgNb>1</PgNb>

<LastPgInd>true</LastPgInd>

</Pgntn>

<RptOrErr>

<SctiesAcctRpt>

<SctiesAcctId>

<Id>SECACCCSDPXXYYAAA</Id>

</SctiesAcctId>

<SctiesAcctOrErr>

<SctiesAcct>

<AcctOwnr>

<Id>

<Id>

<AnyBIC>CSDPXXYYAAA</AnyBIC>

</Id>

</Id>

<RspnsblPtyId>

<Id>

<AnyBIC>CSDAXXYYAAA</AnyBIC>

</Id>

</RspnsblPtyId>

</AcctOwnr>

<EndInvstrFlg>NONE</EndInvstrFlg>

<PricgSchme>SACC</PricgSchme>

</SctiesAcct>

</SctiesAcctOrErr>

</SctiesAcctRpt>

</RptOrErr>

</SctiesAcctRpt>

</Document>

## Securities Account Activity Advice - reda.035.001.01

Description

The Securities Account Activity Advice message provides information on changes occurred for securities account reference data during the business day. In this example, it shows one change occurred on 2019-02-01 to the securities account SECACCCSDPXXYYAAA regarding the hold indicator value.

* System date: 2019-02-01
* Securities Account Identification ID: SECACCCSDPXXYYAAA
* Field changed: HoldReleaseDefault
* Old Filed Value: False
* New Field Value: True
* Timestamp of the Update performed: 2019-02-01T16:10:10

Message Instance

<Document>

<SctiesAcctActvtyAdvc>

<MsgHdr>

<MsgId>SAMPLESACSTA</MsgId>

</MsgHdr>

<Pgntn>

<PgNb>1</PgNb>

<LastPgInd>true</LastPgInd>

</Pgntn>

<SctiesAcctActvty>

<SysDt>2019-02-01</SysDt>

<Chng>

<SctiesAcctId>

<Id>SECACCCSDPXXYYAAA</Id>

</SctiesAcctId>

<FldNm>HoldReleaseDefault</FldNm>

<OdFldVal>False</OdFldVal>

<NewFldVal>True</NewFldVal>

<OprTmStmp>2019-02-01T16:10:10</OprTmStmp>

</Chng>

</SctiesAcctActvty>

</SctiesAcctActvtyAdvc>

</Document>

## Securities Account Audit Trail Query - reda.036.001.01

Description

The following Securities Account Audit Trail Query message is used to query all the audit trail records regarding the securities account with identification SECACCCSDPXXYYAAA in the period between 2019-01-01 and 2019-01-05.

Message Instance

<Document>

<SctiesAcctAudtTrlQry>

<MsgHdr>

<MsgId>SAMPLESACATRQUE</MsgId>

</MsgHdr>

<SchCrit>

<SctiesAcctId>

<Id>SECACCCSDPXXYYAAA</Id>

</SctiesAcctId>

<DtPrd>

<FrToDt>

<FrDt>2019-01-01</FrDt>

<ToDt>2019-01-05</ToDt>

</FrToDt>

</DtPrd>

</SchCrit>

</SctiesAcctAudtTrlQry>

</Document>

## Securities Account Audit Trail Report - reda.037.001.01

Description

The following Securities Account Audit Trail Report represents the answer to the Securities Account Audit Trail Query described in the chapter 7.8. In this case, the securities account with identification SECACCCSDPXXYYAAA had only one change performed by the user USER1 and approved by the user USER2 on 2019-01-03T17:59:00 regarding the change of the Negative Position from the value False to the new value True.

Message Instance

<Document>

<SctiesAcctAudtTrlRpt>

<MsgHdr>

<MsgId>NONREF</MsgId>

<OrgnlBizInstr>

<MsgId>SAMPLESACATRQUE</MsgId>

</OrgnlBizInstr>

</MsgHdr>

<RptOrErr>

<SctiesAcctAudtTrlRpt>

<SctiesAcctAudtTrlOrErr>

<AudtTrl>

<FldNm>NegativePosition</FldNm>

<OdFldVal>False</OdFldVal>

<NewFldVal>True</NewFldVal>

<OprTmStmp>2019-01-03T17:59:00</OprTmStmp>

<InstgUsr>USER1</InstgUsr>

<ApprvgUsr>USER2</ApprvgUsr>

</AudtTrl>

</SctiesAcctAudtTrlOrErr>

<SctiesAcctId>

<Id>SECACCCSDPXXYYAAA</Id>

</SctiesAcctId>

</SctiesAcctAudtTrlRpt>

</RptOrErr>

</SctiesAcctAudtTrlRpt>

</Document>

# Revision Record

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Revision | Date | Author | Description | Sections affected |
| 1.0 | July 2019 | Banca d'Italia on behalf of the 4CBs and SWIFT | Draft version for SEG review, including revision requested by Evaluation Team | All |
| 2.0 | December 2019 | ISO 20022 RA | Approved version and conversion into new template | All |
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