

Title: Straightforward screenshots for Mobilisation or Demobilisation in A2A

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This document contains simple and straightforward examples on how to initiate and verify A2A transactions in ESMIG ECMS.

As of page 13 of this document you will find the relevant templates.

PREPARATION

Make sure that an A2A user with corresponding roles is setup properly. Please assign at least the “A2A Marketable Asset Execution” role for this purpose (combined with “Super Validator”).

List: Assigned Roles

| 10 ▼ | |
|------------------|---|
| Assigned Roles ↕ | |
| | ECMS ENTITY - A2A CASH COLLATERAL AND MAXIMUM CREDIT LINE EXECUTION |
| | Super Validator |
| | ECMS ENTITY - A2A CREDIT CLAIMS EXECUTION |
| | ECMS ENTITY - A2A MARGINAL LENDING EXECUTION |
| | ECMS ENTITY - A2A CREDIT FREEZING EXECUTION |
| | ECMS ENTITY - A2A MARKETABLE ASSETS EXECUTION |
| | ECMS ENTITY - A2A REPORTING (ADMI.005) EXECUTION |
| | ECMS ENTITY - A2A CORPORATE ACTIONS EXECUTION |
| | ECMS ENTITY - A2A OTHER MESSAGES EXECUTION |

Make sure to respect the correct use of spaces, comma’s and capital letters in the DN.

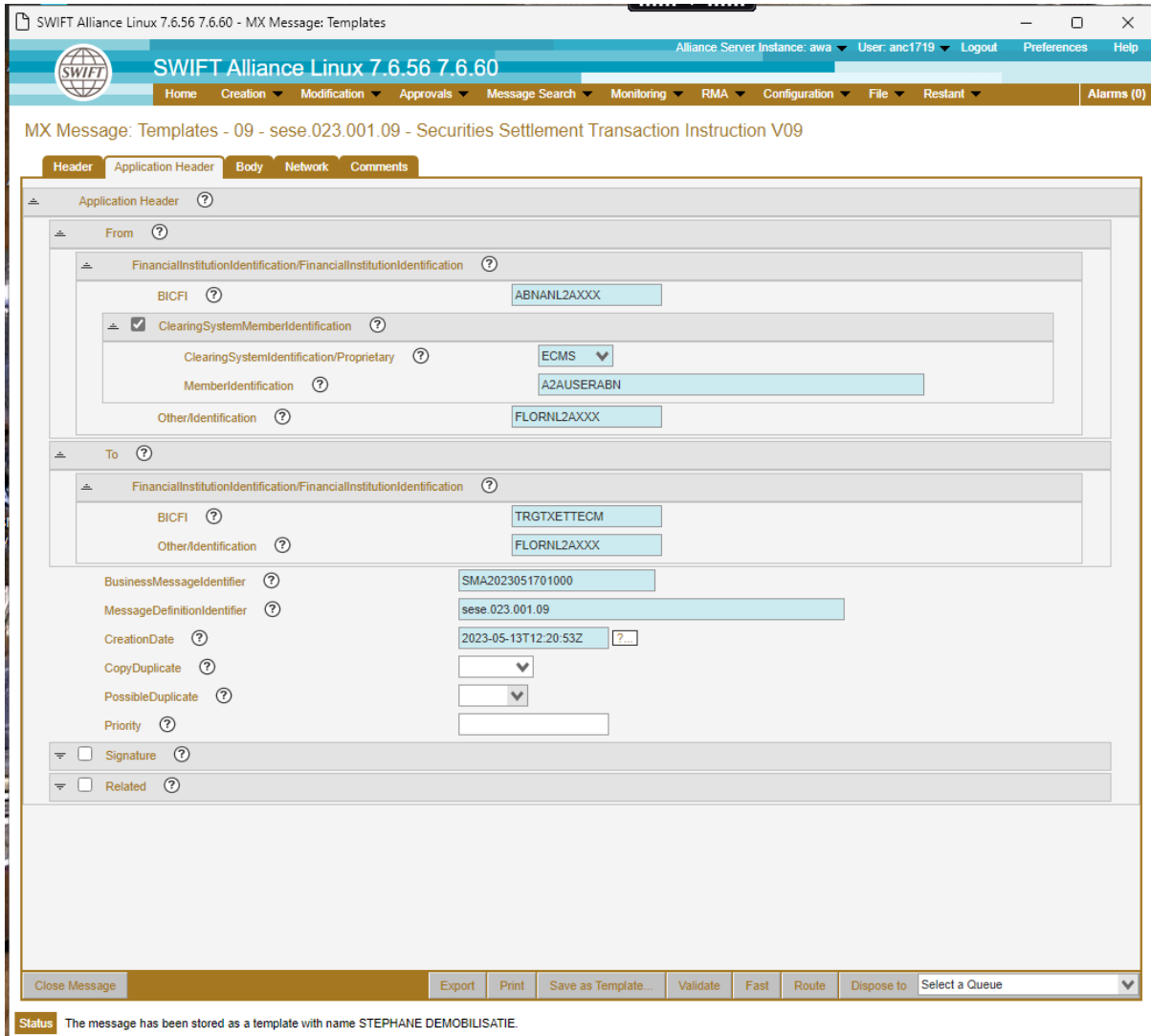
Edit: User Properties

| 10 ▼ | |
|------------|---|
| Property ↕ | User Property Value ↕ |
| Data Scope | Default_469 NL149 DNB1 |
| profile | English |
| DN | CN=t2signing,OU=atoa,OU=test,O=flornl2a,O=swift |

Header

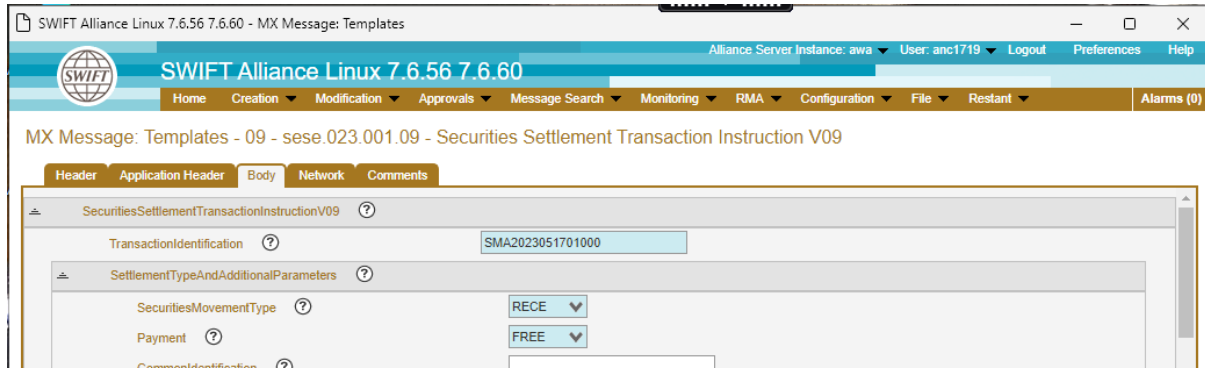
| Attribute name | Example | Description |
|--------------------|---|--|
| Unit | dept01 | pre-defined department or unit within your organization. |
| Requestor DN | cn=t2connector,ou=atoa,ou=test,o=flornl2a,o=swift | |
| Responder DN | cn=ecms,o=trgtxecm,o=swift | |
| Service name | esmig.ecms.iast!pe | In the second part use pe for EAC or pu for UTEST |
| Identifier | sese.023.001.09 | |
| Usage Identifier | trgt.ecms.01 | |
| User Ref | SMA2023051701000 | Free format |
| Priority | Normal | |
| Delivery-mode | Store-and-forward | |
| Possible duplicate | No | |

Application Header

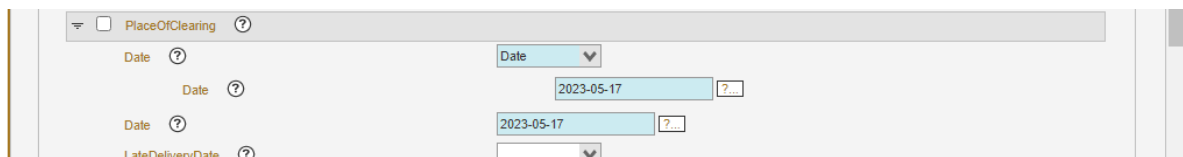


| Attribute name | Example | Description |
|--|----------------------|-----------------------------|
| From: BICFI | ABNANL2AXXX | BIC to mobilise |
| From: ClearingSystemIdentification/Proprietary | ECMS | |
| From: Memberidentification | A2AUSERABN | A2A technical address |
| From: Other/Identification | FLORNL2AXXX | Parent BIC (NCB) |
| To: BICFI | TRGTXETTECM | Technical BIC ECMS platform |
| To: Other/Identification | FLORNL2AXXX | Parent BIC (NCB) |
| BusinessMessageIdentifier | SMA2023051701000 | Free format |
| MessageIdentifier | sese.023.001.09 | |
| CreationDate | 2023-05-17T12:20:53Z | Current timestamp |

Mobilise: Body



| Attribute name | Example | Description |
|----------------------------|------------------|--|
| Transaction Identification | SMA2023051701000 | Free format |
| SecuritiesMovementType | RECE | Receive Financial instruments will be credited to the safekeeping account. |
| Payment | FREE | Settlement of the financial instrument and cash is separate. |



| Attribute name | Example | Description |
|------------------|------------|---|
| Date | Date | Specifies the date/time on which the trade was executed. |
| Date | 2023-05-17 | |
| LastDeliveryDate | 2023-05-17 | Date and time after the settlement date specified in the trade, used for pool trades resulting from the original To Be Assigned (TBA) securities. |

Cont'd: screenshots for Mobilisation or Demobilisation in A2A

| Attribute name | Example | Description |
|----------------|--------------|--|
| ISIN | NL0000003531 | ISIN to mobilise |
| Quantity | FaceAmount | Quantity is represented in face amount. |
| FaceAmount | 100.000 | The actual amount represented in face amount, that is, the principal, of a debt instrument |

| Attribute name | Example | Description |
|--|---------|---|
| SettlementParameters: Code | COLI | CollateralIn Relates to a collateral transaction, from the point of view of the collateral taker or its agent. |
| SettlementTransactionCondition: SettlementTransactionCondition | Code | SettlementTransactionCondition: |
| Code | NOMC | NoAutomaticMarketClaim: No market claim should be automatically generated. |
| PartialSettlementIndicator | NPAR | PartialNotAllowed: Partial settlement is not allowed. |

Cont'd: screenshots for Mobilisation or Demobilisation in A2A

| Attribute name | Example | Description |
|--------------------------------------|-----------|-------------|
| StampDutyTaxBasis: StampDutyTaxBasis | Indicator | |
| StampDutyTaxBasis: Indicator | No | |

| Attribute name | Example | Description |
|---|-------------|-----------------|
| DeliveringSettlementParties: Depository: BICFI | NECINL2AXXX | BIC CSD |
| DeliveringSettlementParties: Party1: BICFI | ABNANL2AXXX | BIC to mobilise |

| Attribute name | Example | Description |
|--|-------------|-------------|
| ReceivingSettlementParties: Depository: BICFI | NECINL2AXXX | BIC CSD |
| ReceivingSettlementParties: Party1: BICFI | FLORNL2AXXX | NCB BIC |

Cont'd: screenshots for Mobilisation or Demobilisation in A2A

Mobilise: Body (x-border or via Euroclear Bank BE)

Same as previous chapter, except the parts “DeliveringSettlementParties” and “ReceivingSettlementParties”

| Attribute name | Example | Description |
|---|-------------|--|
| DeliveringSettlementParties: Depository: BICFI | MGTCBE2SXXX | 1 ST BIC CSD |
| DeliveringSettlementParties: Party1: BICFI | MGTCBEBEECL | MGTCBEBEECL (in case of EC Belgium) BIC NCB (in case of X-border) |
| DeliveringSettlementParties: Party2: BICFI | ABNANL2AXXX | BIC to mobilise |

Cont'd: screenshots for Mobilisation or Demobilisation in A2A

| Attribute name | Example | Description |
|--|-------------|-------------|
| ReceivingSettlementParties: Depository: BICFI | MGTCBE2SXXX | BIC CSD |
| ReceivingSettlementParties: Party1: BICFI | FLORNL2AXXX | NCB BIC |

Demobilise: Body (domestic)

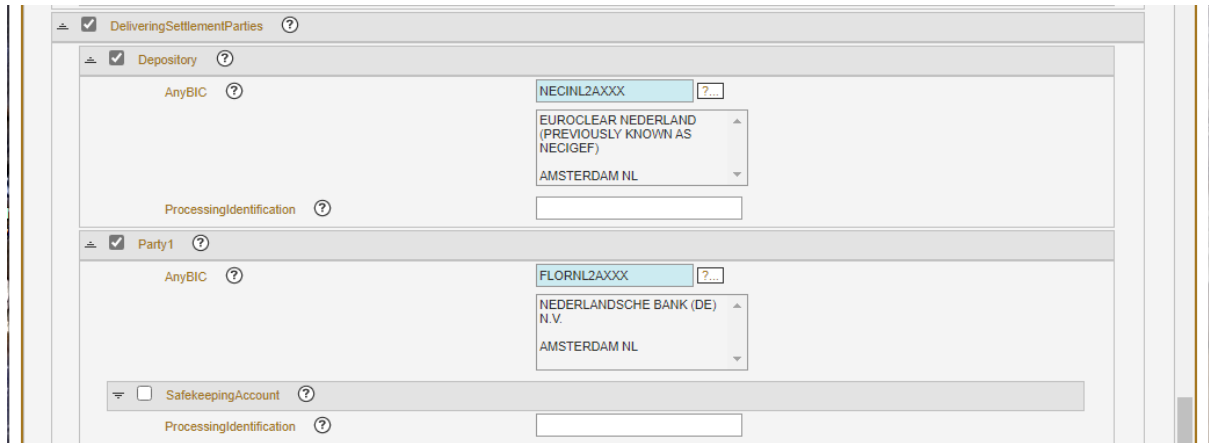
Please use the explanation in the previous chapters as a starting point.

Content is the same as previous chapter (Mobilise: Body) except the following fields:

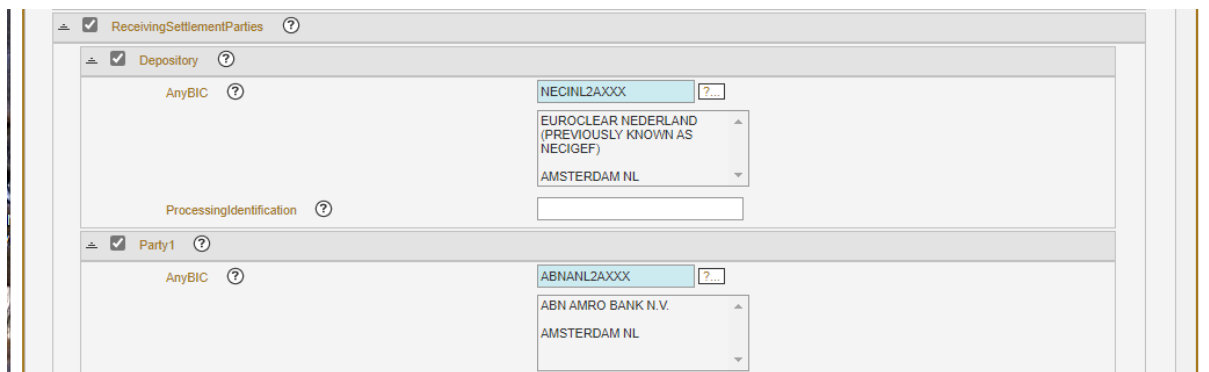
| Attribute name | Example | Description |
|------------------------|---------|--|
| SecuritiesMovementType | DELI | Delivery Financial instruments will be debited from the safekeeping account. |

Cont'd: screenshots for Mobilisation or Demobilisation in A2A

| Attribute name | Example | Description |
|----------------------------|---------|--|
| SettlementParameters: Code | COLO | CollateralOut Relates to a collateral transaction, from the point of view of the collateral giver or its agent. |



| Attribute name | Example | Description |
|--|-------------|-------------|
| DeliveringSettlementParties: Depository: BICFI | NECINL2AXXX | BIC CSD |
| DeliveringSettlementParties: Party1: BICFI | FLORNL2AXXX | NCB bic |



| Attribute name | Example | Description |
|---|-------------|-------------------|
| ReceivingSettlementParties: Depository: BICFI | NECINL2AXXX | BIC CSD |
| ReceivingSettlementParties: Party1: BICFI | ABNANL2AXXX | BIC to demobilise |

Demobilise: Body (x-border or via Euroclear Bank BE)

Same as instructed in previous instructions, except the parts called “DeliveringSettlementParties” and “ReceivingSettlementParties”:

Cont'd: screenshots for Mobilisation or Demobilisation in A2A

| Attribute name | Example | Description |
|---|-------------|-------------|
| DeliveringSettlementParties: Depository: BICFI | MGTCBE2SXXX | BIC CSD |
| DeliveringSettlementParties: Party1: BICFI | FLORNL2AXXX | NCB bic |

Cont'd: screenshots for Mobilisation or Demobilisation in A2A

| Attribute name | Example | Description |
|--|-------------|--|
| ReceivingSettlementParties: Depository: BICFI | MGTCBE2SXXX | BIC CSD (agent) |
| ReceivingSettlementParties: Party1: BICFI | MGTCBEBEECL | MGTCBEBEECL (in case of EC Belgium) BIC NCB (in case of X-border) |
| ReceivingSettlementParties: Party2: BICFI | ABNANL2AXXX | BIC to demobilise |

Verify transactions

Method A: via Swift

After sending the sese.023 file, two different results can appear as a result:

- An admi.007 file: The sese.023 file did not reach the ECMS environment or the ECMS environment was unable to process the file
- A sese.024 file: The sese.023 file is accepted by the ECMS environment -> open the message to determine the results/status.

Method B: via ECMS U2A application: module “Instructions And Positions”

Only files that are accepted in the ECMS environment (sese.024 file visible in Alliance) can be analysed in the U2A application.

After logging into the ESMIG ECMS main module, go to: menu -> ECMS Core -> Instructions And Positions

A new window named “MegaCustody” opens.

Go to Menu -> Instructions and Positions -> MA Instruction -> Monitor -> Counterparty Instructions

Click the “search” button (or filter using the fields above before hitting the button).

List: Counterparty MAI

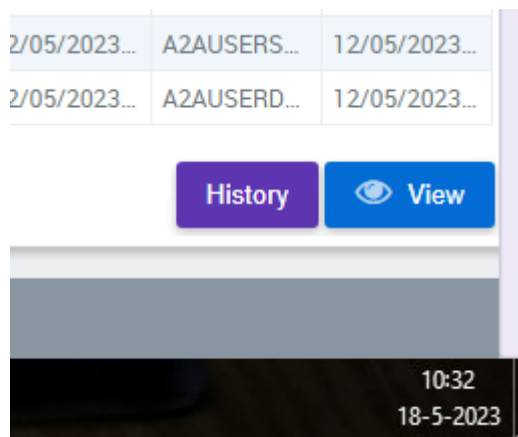
| Party's Instruction R... | Instructio... | Instructio... | Business ... | Business ... | Count |
|--------------------------|---------------|---------------|--------------|-----------------|-------|
| SMA2023051501008 | MAI202305... | Marketable... | Confirmed | | NL149 |
| SMA2023051501009 | MAI202305... | Marketable... | Confirmed | | NL149 |
| SMA2023051501011 | MAI202305... | Marketable... | Validated | Waiting for ... | NL149 |
| SMA2023051501010 | MAI202305... | Marketable... | Rejected | | NL149 |

To verify if your case is successful, follow the different stages in “Business Status” and “Business Sub Status”:

| Business Status | Business sub status | Result |
|-----------------|-----------------------------|------------------------|
| Confirmed | | Settled |
| Validated | Waiting for settlement date | Waiting for settlement |
| Rejected | | Rejected |

Cont'd: screenshots for Mobilisation or Demobilisation in A2A

To investigate the instructions on a deeper level, select one of the rows and wait a few seconds, until the following two options appear on the right bottom corner of the screen:



Click "View" to check all details of the transaction.

Notice extra buttons at the bottom of the page that lead to even more details for the transaction (business validation errors, Receiving/Delivering Settlement parties, MA Settlement Instruction, Client Marketable Asset Movement, Client Asset Position, Notifications). Check the various options after clicking one of the buttons and notice the options after selecting one of the rows again at the bottom of the page (download/history/view, depending on the kind of information)

Click "History" to check how in in which steps the XLM-file is enriched in several steps from right to left.

Cont'd: screenshots for Mobilisation or Demobilisation in A2A

XML template "Application Header" (for mobilisation or demobilisation):

```
<AppHdr xmlns="urn:iso:std:iso:2002:tech:xsd:head.001.001.01">
  <Fr>
    <FIId>
      <FinInstnId>
        <BICFI>TESTNL2AXXX</BICFI> [CPTY's BIC]
        <ClrSysMmbId>
          <ClrSysId>
            <Prtry>ECMS</Prtry>
          </ClrSysId>
          <MmbId>A2ATESTUSER</MmbId> [ECMS System User Reference]
        </ClrSysMmbId>
        <Othr>
          <Id>FLORNL2AXXX</Id>
        </Othr>
      </FinInstnId>
    </FIId>
  </Fr>
  <To>
    <FIId>
      <FinInstnId>
        <BICFI>TRGTXETTECM</BICFI>
        <Othr>
          <Id>FLORNL2AXXX</Id>
        </Othr>
      </FinInstnId>
    </FIId>
  </To>
  <BizMsgIdr>YOUR_REFERENCE</BizMsgIdr>
  <MsgDefIdr>sese.023.001.09</MsgDefIdr>
  <CreDt>2023-05-13T12:20:53Z</CreDt>
</AppHdr>
```

XML template "body" mobilisation (domestic)

```
<Document xmlns="urn:iso:std:iso:20022:tech:xsd:sese.023.001.09">
  <SctiesSttlmTxInstr>
    <TxId>SMA2023051701000</TxId>
    <SttlmTpAndAddtlParams>
      <SctiesMvmntTp>RECE</SctiesMvmntTp>
      <Pmt>FREE</Pmt>
    </SttlmTpAndAddtlParams>
    <TradDtls>
      <TradDt>
        <Dt>
          <Dt>2023-05-17</Dt>
        </Dt>
      </TradDt>
      <SttlmDt>
        <Dt>
          <Dt>2023-05-17</Dt>
        </Dt>
      </SttlmDt>
    </TradDtls>
    <FinInstrmId>
      <ISIN>NL0000003531</ISIN>
      <Desc>NL0000003531</Desc>
    </FinInstrmId>
    <QtyAndAcctDtls>
      <SttlmQty>
        <Qty>
          <FaceAmt>100000.</FaceAmt>
        </Qty>
      </SttlmQty>
      <SfkpgAcct>
        <Id>NL149MA1</Id>
      </SfkpgAcct>
    </QtyAndAcctDtls>
    <SttlmParams>
      <SctiesTxTp>
        <Cd>COLI</Cd>
      </SctiesTxTp>
      <SttlmTxCond>
        <Cd>NOMC</Cd>
      </SttlmTxCond>
      <PrtlSttlmInd>NPAR</PrtlSttlmInd>
      <ModCxlAllwd>
        <Ind>>false</Ind>
      </ModCxlAllwd>
    </SttlmParams>
    <DlvrgSttlmPties>
      <Dpstry>
        <Id>
          <AnyBIC>NECINL2AXXX</AnyBIC>
        </Id>
      </Dpstry>
      <Pty1>
        <Id>
          <AnyBIC>ABNANL2AXXX</AnyBIC>
        </Id>
      </Pty1>
    </DlvrgSttlmPties>
    <RcvgSttlmPties>
      <Dpstry>
        <Id>
          <AnyBIC>NECINL2AXXX</AnyBIC>
        </Id>
      </Dpstry>
      <Pty1>
        <Id>
          <AnyBIC>FLORNL2AXXX</AnyBIC>
        </Id>
      </Pty1>
    </RcvgSttlmPties>
  </SctiesSttlmTxInstr>
</Document>
```

XML template "body" demobilisation (domestic)

```
<Document xmlns="urn:iso:std:iso:20022:tech:xsd:sese.023.001.09">
  <SctiesSttlmTxInstr>
    <TxId>SMA2023051702000</TxId>
    <SttlmTpAndAddtlParams>
      <SctiesMvmntTp>DELI</SctiesMvmntTp>
      <Pmt>FREE</Pmt>
    </SttlmTpAndAddtlParams>
    <TradDtls>
      <TradDt>
        <Dt>
          <Dt>2023-05-15</Dt>
        </Dt>
      </TradDt>
      <SttlmDt>
        <Dt>
          <Dt>2023-05-16</Dt>
        </Dt>
      </SttlmDt>
    </TradDtls>
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      <Desc>NL0000003531</Desc>
    </FinInstrmId>
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        <Qty>
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        <Id>NL149MA1</Id>
      </SfkpgAcct>
    </QtyAndAcctDtls>
    <SttlmParams>
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        <Cd>COLO</Cd>
      </SctiesTxTp>
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      </SttlmTxCond>
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      </ModCxlAllwd>
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      </Dpstry>
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          <AnyBIC>FLORNL2AXXX</AnyBIC>
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      </Pty1>
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    <RcvgSttlmPties>
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        </Id>
      </Dpstry>
      <Pty1>
        <Id>
          <AnyBIC>ABNANL2AXXX</AnyBIC>
        </Id>
      </Pty1>
    </RcvgSttlmPties>
  </SctiesSttlmTxInstr>
</Document>
```

XML template "body" mobilisation (x-border or via Euroclear Bank BE)

```
<Document xmlns="urn:iso:std:iso:20022:tech:xsd:sese.023.001.09">
  <SctiesSttlmTxInstr>
    <TxId>SMA2023051701000</TxId>
    <SttlmTpAndAddtlParams>
      <SctiesMvmntTp>RECE</SctiesMvmntTp>
      <Pmt>FRE</Pmt>
    </SttlmTpAndAddtlParams>
    <TradDtls>
      <TradDt>
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        </Dt>
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      <Desc>NL0000003531</Desc>
    </FinInstrmId>
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        </Qty>
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      </SfkpgAcct>
    </QtyAndAcctDtls>
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        <Cd>COLI</Cd>
      </SctiesTxTp>
      <SttlmTxCond>
        <Cd>NOMC</Cd>
      </SttlmTxCond>
      <PrtlSttlmInd>NPAR</PrtlSttlmInd>
      <ModCxlAllwd>
        <Ind>>false</Ind>
      </ModCxlAllwd>
    </SttlmParams>
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        </Id>
      </Dpstry>
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          <AnyBIC>MGTCBEBECL</AnyBIC>
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      <Pty2>
        <Id>
          <AnyBIC>ABNANL2AXXX</AnyBIC>
        </Id>
      </Pty2>
    </DlvrgSttlmPties>
    <RcvgSttlmPties>
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        </Id>
      </Dpstry>
      <Pty1>
        <Id>
          <AnyBIC>FLORNL2AXXX</AnyBIC>
        </Id>
      </Pty1>
    </RcvgSttlmPties>
  </SctiesSttlmTxInstr>
</Document>
```


XML template "body" demobilisation (x-border or via Euroclear Bank BE)

```
<Document xmlns="urn:iso:std:iso:20022:tech:xsd:sese.023.001.09">
  <SctiesSttlmTxInstr>
    <TxId>SMA2023051702000</TxId>
    <SttlmTpAndAddtlParams>
      <SctiesMvmntTp>DELI</SctiesMvmntTp>
      <Pmt>FRE</Pmt>
    </SttlmTpAndAddtlParams>
    <TradDtls>
      <TradDt>
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        </Dt>
      </TradDt>
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        </Dt>
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    </TradDtls>
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      <Desc>NL0000003531</Desc>
    </FinInstrmId>
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        <Qty>
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        </Qty>
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      <SfkgAcct>
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      </SfkgAcct>
    </QtyAndAcctDtls>
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      <SttlmTxCond>
        <Cd>NOMC</Cd>
      </SttlmTxCond>
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      <ModCxlAllwd>
        <Ind>>false</Ind>
      </ModCxlAllwd>
    </SttlmParams>
    <DlvrgSttlmPties>
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        </Id>
      </Dpstry>
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        <Id>
          <AnyBIC>FLORN2L2AXXX</AnyBIC>
        </Id>
      </Pty1>
    </DlvrgSttlmPties>
    <RcvgSttlmPties>
      <Dpstry>
        <Id>
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        </Id>
      </Dpstry>
      <Pty1>
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        </Id>
      </Pty1>
      <Pty2>
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          <AnyBIC>ABNCNL2AXXX</AnyBIC>
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      </Pty2>
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```