

Nomination document specifying details of nomination, confirmation and other communication between Eustream and shipper

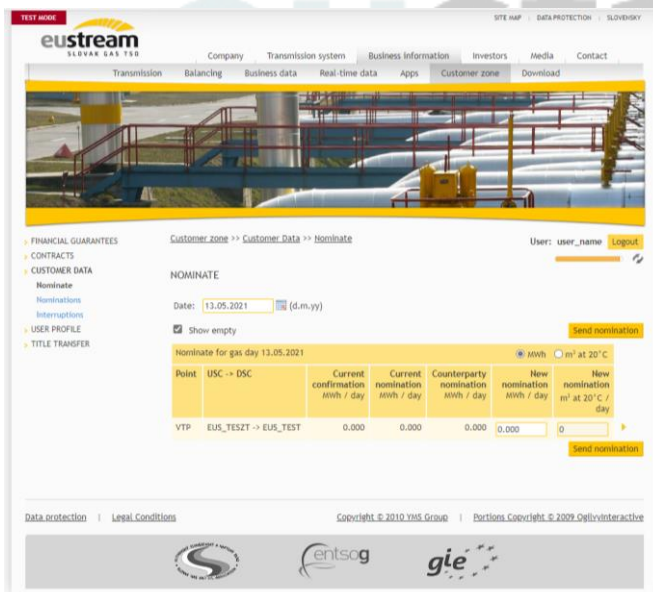
Nomination document

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1. Nomination - web interface

This nomination is recommended for users with limited number of shipper pairs. Nomination is possible after login into customer zone. User must have nomination rights set up.



The triangle on the right can be used for submitting hourly profile of the nomination. Nomination of the counterparty, confirmed value, imbalance status and other parameters can be checked at the customer zone.

2. Nomination - NOMINT message, edig@s ver. 4.0

Eustream is expecting NOMINT message as per EASEE-gas specification of the [message](#).

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Example of the message:

```
<?xml version="1.0" encoding="UTF-8"?>
<Nomination Version="EGAS40" Release="4">
  <Identification v="NOMINT112707"/>
  <Type v="55G"/>
  <CreationDateTime v="2021-05-13T07:24:00Z"/>
  <ValidityPeriod v="2021-05-14T04:00Z/2021-05-15T04:00Z"/>
  <ContractReference v="AAA"/>
  <ContractType v="CT"/>
  <IssuerIdentification v="EICCodeOfShipper" codingScheme="305"/>
  <IssuerRole v="ZHC"/>
  <RecipientIdentification v="21X-SK-A-A0A0A-N" codingScheme="305"/>
  <RecipientRole v="ZSO"/>
  <ConnectionPointInformation>
    <LineNumber v="1"/>
    <ConnectionPoint v="VTP" codingScheme="ZSO"/>
    <InternalShipperAccount v="EUS_AAA11" codingScheme="ZSO"/>
    <AccountIdentification v="EUS_BBB11" codingScheme="ZSO"/>
    <AccountRole v="ZES"/>
    <Period>
      <TimeInterval v="2021-05-14T04:00Z/2021-05-15T04:00Z"/>
      <Direction v="Z02"/>
      <Quantity v="1000"/>
      <MeasureUnit v="KW1"/>
    </Period>
  </ConnectionPointInformation>
  <ConnectionPointInformation>
    <LineNumber v="2"/>
    <ConnectionPoint v="L" codingScheme="ZSO"/>
    <InternalShipperAccount v="EUS_AAA11" codingScheme="ZSO"/>
    <AccountIdentification v="N4GXXX" codingScheme="ZSO"/>
    <AccountRole v="ZES"/>
    <Period>
      <TimeInterval v="2021-05-14T04:00Z/2021-05-15T04:00Z"/>
      <Direction v="Z03"/>
      <Quantity v="500"/>
      <MeasureUnit v="KW1"/>
    </Period>
  </ConnectionPointInformation>
</Nomination>
```

Particular elements shall be filled in with following values:

Element	Value
Identification	shipper's internal document identification, not used by Eustream
Type	01G or 55G. Any of these can be used in case NOMINT contains quantities to be transported/stored/withdrawn and exchanged at VTP.
ContractReference	any value, not used by Eustream
ContractType	CT or Z11
IssuerIdentification	coding scheme 305 and EIC code of the shipper or coding scheme ZSO and code assigned by Eustream
IssuerRole	ZHC or ZSH
RecipientIdentification	coding scheme 305 and EIC code of Eustream or coding scheme ZSO and code assigned by Eustream
RecipientRole	ZSO
ConnectionPointInformation	must be repeated for each LineNumber
Category	not used
SubcontractReference	not used

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ConnectionPoint	coding scheme 305 and EIC code of the point or coding scheme ZSO and point code assigned by Eustream
InternalShipperAccount	coding scheme ZSO and shipper code assigned by Eustream
AccountIdentification	coding scheme ZSO and counter party shipper code
AccountRole	ZES
MeasureUnit	KW1 or KW2

3. Nomination - NOMINT message, edig@s ver. 5.1

Eustream is expecting NOMINT message as per EASEE-gas specification of the [message](#).

Example of the message:

```
<?xml version="1.0" encoding="UTF-8"?>
<Nomination_Document release="3" xmlns="urn:easeegas.eu:edigas:nominationandmatching:nominationdocument:5:1">
  <identification>NOMINT000002</identification>
  <version>1</version>
  <type>01G</type>
  <creationDateTime>2021-05-07T10:12:58Z</creationDateTime>
  <validityPeriod>2021-05-08T04:00Z/2021-05-09T04:00Z</validityPeriod>
  <contractReference>AAA</contractReference>
  <issuer_MarketParticipant.identification codingScheme="305">EICCodeOfShipper </issuer_MarketParticipant.identification>
  <issuer_MarketParticipant.marketRole.code>ZSH</issuer_MarketParticipant.marketRole.code>
  <recipient_MarketParticipant.identification codingScheme="305">21X-SK-A-A0A0A-N
  </recipient_MarketParticipant.identification>
  <recipient_MarketParticipant.marketRole.code>ZSO</recipient_MarketParticipant.marketRole.code>
  <ConnectionPoint>
    <identification codingScheme="305">21Y000000000103M</identification>
    <measureUnit.code>KW2</measureUnit.code>
    <NominationType>
      <type>A02</type>
      <Account>
        <internalAccount codingScheme="305">EUS_AAA11</internalAccount>
        <externalAccount codingScheme="305">EUS_BBB11</externalAccount>
        <Period>
          <timeInterval>2021-05-08T04:00Z/2021-05-09T04:00Z</timeInterval>
          <direction.code>Z03</direction.code>
          <quantity.amount>1000</quantity.amount>
        </Period>
      </Account>
    </NominationType>
  </ConnectionPoint>
  <ConnectionPoint>
    <identification codingScheme="305">21Z000000000085L</identification>
    <measureUnit.code>KW2</measureUnit.code>
    <NominationType>
      <type>A02</type>
      <Account>
        <internalAccount codingScheme="305">EUS_AAA11</internalAccount>
        <externalAccount codingScheme="305">ABCDEFGH_TR</externalAccount>
        <Period>
          <timeInterval>2021-05-08T04:00Z/2021-05-09T04:00Z</timeInterval>
          <direction.code>Z02</direction.code>
          <quantity.amount>1000</quantity.amount>
        </Period>
      </Account>
    </NominationType>
  </ConnectionPoint>
</Nomination_Document>
```

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</Nomination_Document>

Particular elements shall be filled in with following values:

Element	Value
Identification	shipper's internal document identification, not used by Eustream
version	version, not used by Eustream
Type	01G
ContractReference	any value, not used by Eustream
ContractType	not used
issuer_MarketParticipant.identification codingScheme	coding scheme 305 and EIC code of shipper
issuer_MarketParticipant.marketRole.code	ZSH
recipient_MarketParticipant.identification codingScheme	coding scheme 305 and EIC code of Eustream
recipient_MarketParticipant.marketRole.code	ZSO
applicationContext	not used
ConnectionPoint	repeated for each Account or repeated for each point (more Accounts under one ConnectionPoint)
identification	coding scheme 305 and EIC code of the point or coding scheme ZSO and point code assigned by Eustream
measureUnit.code	KW1 or KW2
type	A01 for single sided or A02 for double sided
internalAccount	coding scheme ZSO and shipper code assigned by Eustream
externalAccount	coding scheme ZSO and counter party shipper code.
period	in case of hourly nomination the Period element can be repeated for each timeInterval or all timeInterval elements can be in one Period element
priority_Status.code	not used

4. Response to the nomination - APERAK message, edig@s ver. 4.0

Eustream issues APERAK message as per EASEE-gas specification of the [message](#).

Example of the message:

```
<?xml version="1.0" encoding="UTF-8"?>
<Aperak Release="0" Version="EGAS40">
  <Identification v="6f9b4843807f438dbaf2c049b61ad5f4"/>
  <Type v="294"/>
  <CreationDateTime v="2021-05-17T08:22:18Z"/>
  <OriginalIssuerIdentification v="EICCodeOfShipper" codingScheme="305"/>
  <OriginalRecipientIdentification v="21X-SK-A-A0A0A-N" codingScheme="305"/>
  <OriginalMessageIdentification v="1"/>
  <OriginalMessageDateTime v="2021-05-07T12:12:58.000+02:00"/>
  <ReceptionStatus v="27"/>
  <Reason>
    <ReasonCode v="46G"/>
    <ReasonText v="Mapping value for value '21Y00000000103M' and coding schema CS_305,TisPoint,Customer, not found.
The validation xml code."/>
  </Reason>
</Aperak>
```

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Particular elements have following values:

Element	Value
Identification	internal document identification, does not respect EASEE-gas specification
Type	294
OriginalIssuerIdentification	coding scheme 305 and EIC code of shipper (value copied from NOMINT message)
OriginalRecipientIdentification	coding scheme 305 and EIC code of Eustream (value copied from NOMINT message)
OriginalMessageIdentification	identification of the document being acknowledged

5. Response to the nomination - ACKNOW message, edig@s ver. 5.1

Eustream issues APERAK message as per EASEE-gas specification of the [message](#).

Example of the message:

```
<?xml version="1.0" encoding="UTF-8" standalone="true"?>
<Acknowledgement Document xmlns="urn:easeegas.eu:edigas:general:acknowledgementdocument:5:1" release="">
  <identification>422fe45ec40b4114959b85669578d47d</identification>
  <version>1</version>
  <type>294</type>
  <creationDateTime>2021-05-20T06:27:26Z</creationDateTime>
  <validityPeriod>2021-05-21T04:00Z/2021-05-22T04:00Z</validityPeriod>
  <contractReference>AAA</contractReference>
  <issuer_MarketParticipant.identification codingScheme="305">21X-SK-A-A0A0A-N
</issuer_MarketParticipant.identification>
  <issuer_MarketParticipant.marketRole.code>ZSO</issuer_MarketParticipant.marketRole.code>
  <recipient_MarketParticipant.identification codingScheme="305">EICCodeOfShipper
</recipient_MarketParticipant.identification>
  <recipient_MarketParticipant.marketRole.code>ZSH</recipient_MarketParticipant.marketRole.code>
  <receiving_Document.identification>1</receiving_Document.identification>
  <receiving_Document.version>1</receiving_Document.version>
  <receiving_Document.type>01G</receiving_Document.type>
  <receiving_Document.creationDateTime>2021-05-07T10:12:58Z</receiving_Document.creationDateTime>
  <receiving_Document.payloadName>20210507161034766_00368299.xml</receiving_Document.payloadName>
  <Reason>
    <code>14G</code>
    <text>Mapping value for value 'ediScXmlElement='EUS_TES' and coding schema ZSO,ShipperCode,Customer, not found.
    The validation xml code .</text>
  </Reason>
</Acknowledgement_Document>
```

Particular elements have following values:

Element	Value
identification	internal document identification
type	294
validityPeriod	not used in case reason code is 01G
contractReference	value copied from NOMINT message, not used in case reason code is 40G or 48G
contractType	not used
issuer_MarketParticipant.identification codingScheme	coding scheme 305 and EIC code of Eustream
issuer_MarketParticipant.marketRole.code	ZSO
recipient_MarketParticipant.identification codingScheme	coding scheme 305 and EIC code of the shipper

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<code>recipient_MarketParticipant.marketRole.code</code>	ZSH, not used in case reason code is 40G or 48G
<code>applicationContext codingScheme</code>	not used
<code>receiving_Document.identification</code>	identification of the document being acknowledged, not used in case reason code is 40G or 48G
<code>receiving_Document.type</code>	not used in case reason code is 40G or 48G
<code>receiving_Document.version</code>	not used in case reason code is 40G or 48G
<code>receiving_Document.creationDateTime</code>	not used in case reason code is 40G or 48G
<code>receiving_Document.payloadName</code>	identification of the payload object used to transmit the document
<code>Rejection_ConnectionPoint.identification codingScheme</code>	not used

6. Confirmation - NOMRES message, edig@s ver. 4.0

Eustream issues NOMRES message as per EASEE-gas specification of the [message](#).

Example of the message:

```
<?xml version="1.0" encoding="UTF-8"?>
<NominationResponse Release="3" Version="EGAS40">
  <Identification v="NOMRES20210521A00001"/>
  <Type v="08G"/>
  <CreationDateTime v="2021-05-21T10:26:35Z"/>
  <ValidityPeriod v="2021-05-21T04:00Z/2021-05-22T04:00Z"/>
  <ContractReference v="AAA"/>
  <ContractType v="CT"/>
  <IssuerIdentification v="eustream" codingScheme="ZSO"/>
  <IssuerRole v="ZSO"/>
  <RecipientIdentification v="EICCodeOfShipper" codingScheme="305"/>
  <RecipientRole v="ZSH"/>
  <ConnectionPointInformation>
    <LineNumber v="1"/>
    <Status v="16G"/>
    <ConnectionPoint v="VK" codingScheme="ZSO"/>
    <InternalShipperAccount v="EUS_AAA11" codingScheme="ZSO"/>
    <AccountIdentification v="UA_CODE" codingScheme="ZSO"/>
    <AccountRole v="ZES"/>
    <Period>
      <TimeInterval v="2021-05-21T04:00Z/2021-05-22T04:00Z"/>
      <Direction v="Z02"/>
      <Quantity v="20000"/>
      <MeasureUnit v="KW2"/>
    </Period>
  </ConnectionPointInformation>
  <ConnectionPointInformation>
    <LineNumber v="2"/>
    <Status v="16G"/>
    <ConnectionPoint v="VTP" codingScheme="ZSO"/>
    <InternalShipperAccount v="EUS_AAA11" codingScheme="ZSO"/>
    <AccountIdentification v="EUS_BBB11" codingScheme="ZSO"/>
    <AccountRole v="ZES"/>
    <Period>
      <TimeInterval v="2021-05-21T04:00Z/2021-05-22T04:00Z"/>
      <Direction v="Z03"/>
      <Quantity v="20000"/>
      <MeasureUnit v="KW2"/>
    </Period>
  </ConnectionPointInformation>
</NominationResponse>
```

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```
</Period>
</ConnectionPointInformation>
</NominationResponse>
```

Particular elements have following values:

Element	Value
identification	internal document identification
type	08G
contractReference	code of shipper or other string of max 35 characters
contractType	CT or Z11
IssuerIdentification	coding scheme 305 and EIC code of the shipper or coding scheme ZSO and code assigned by Eustream
IssuerRole	ZSO
RecipientIdentification	coding scheme 305 and EIC code of Eustream or coding scheme ZSO and code assigned by Eustream
RecipientRole	ZSH
ConnectionPointInformation	must be repeated for each LineNumber
Status	16G
SubcontractReference	not used
Category	not used
ConnectionPoint	coding scheme 305 and EIC code of the point or coding scheme ZSO and point code assigned by Eustream
InternalShipperAccount	coding scheme ZSO and shipper code assigned by Eustream
AccountIdentification	coding scheme ZSO and counter party shipper code
AccountRole	ZES
MeasureUnit	KW2 (or KW1)

7. Confirmation - NOMRES message, edig@s ver. 5.1

Eustream issues NOMRES message as per EASEE-gas specification of the [message](#).

Example of the message:

```
<?xml version="1.0" encoding="UTF-8" standalone="true"?>
<NominationResponse_Document xmlns="urn:easeegas.eu:edigas:nominationandmatching:nominationresponsedocument:5:1"
release="3">
  <identification>NOMRES20210528A00001</identification>
  <version>1</version>
  <type>08G</type>
  <creationDateTime>2021-05-28T09:02:49Z</creationDateTime>
  <validityPeriod>2021-05-28T04:00Z/2021-05-29T04:00Z</validityPeriod>
  <contractReference>AAA</contractReference>
  <contractType>CT</contractType>
  <issuer_MarketParticipant.identification codingScheme="305">21X-SK-A-A0A0A-N /issuer_MarketParticipant.identification>
  <issuer_MarketParticipant.marketRole.code>ZSO</issuer_MarketParticipant.marketRole.code>
  <recipient_MarketParticipant.identification codingScheme="305">EICCodeOfShipper
</recipient_MarketParticipant.identification>
  <recipient_MarketParticipant.marketRole.code>ZSH</recipient_MarketParticipant.marketRole.code>
  <nomination_Document.identification>DEFAULT</nomination_Document.identification>
  <nomination_Document.version>1</nomination_Document.version>
  <ConnectionPoint>
    <identification codingScheme="305">21Z000000000061Z </identification>
    <measureUnit.code>KW2</measureUnit.code>
  </NominationType>
```

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```

<type>A02</type>
<Account>
  <internalAccount codingScheme="ZSO">EUS_AAA11</internalAccount>
  <externalAccount codingScheme="ZSO">N4GAAA</externalAccount>
  <InformationOrigin_TimeSeries>
    <type>16G</type>
    <Period>
      <timeInterval>2021-05-28T04:00Z/2021-05-29T04:00Z</timeInterval>
      <direction.code>Z02</direction.code>
      <quantity.amount>0</quantity.amount>
    </Period>
  </InformationOrigin_TimeSeries>
</Account>
</NominationType>
</ConnectionPoint>
<ConnectionPoint>
  <identification codingScheme="305">21Y000000000103M</identification>
  <measureUnit.code>KW2</measureUnit.code>
  <NominationType>
    <type>A02</type>
    <Account>
      <internalAccount codingScheme="ZSO">EUS_AAA1</internalAccount>
      <externalAccount codingScheme="ZSO">EUS_BBB11</externalAccount>
      <InformationOrigin_TimeSeries>
        <type>16G</type>
        <Period>
          <timeInterval>2021-05-28T04:00Z/2021-05-29T04:00Z</timeInterval>
          <direction.code>Z03</direction.code>
          <quantity.amount>0</quantity.amount>
        </Period>
      </InformationOrigin_TimeSeries>
    </Account>
  </NominationType>
</ConnectionPoint>
</NominationResponse_Document>

```

Particular elements have following values:

Element	Value
identification	internal document identification
type	08G
contractReference	code of shipper or other string of max 35 characters
contractType	CT or Z11
issuer_MarketParticipant.identification codingScheme	coding scheme 305 and EIC code of Eustream
issuer_MarketParticipant.marketRole.code	ZSO
recipient_MarketParticipant.identification codingScheme	coding scheme 305 and EIC code of shipper
recipient_MarketParticipant.marketRole.code	ZSH
applicationContext	not used
nomination_Document.identification	DEFAULT, not filled with real identification of received NOMINT document
nomination_Document.version	1, not filled with real version of received NOMINT document
ConnectionPoint	repeated for each Account or repeated for each point (more Accounts under one ConnectionPoint)

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identification	coding scheme 305 and EIC code of the point or coding scheme ZSO and point code assigned by Eustream
measureUnit.Code	KW2 (or KW1)
type	A01 or A02
internalAccountTSO	not used
externalAccountTSO	not used
InformationOrigin_TimeSeries	in case of hourly confirmation it can be repeated for each Period or repeated for each Account (more Periods under one InformationOrigin_TimeSeries)

8. Imbalance notification - ACCSIT message, edig@s ver. 5.1

Eustream issues ACCSIT message as per EASEE-gas specification of the [message](#).

Example of the message:

```
<?xml version="1.0" encoding="UTF-8" standalone="true"?>
<AccountSituation_Document xmlns="urn:easeegas.eu:edigas:settlement:accountsituationdocument:5:1" release="0">
  <identification>ACCSIT20210518A00001</identification>
  <version>1</version>
  <type>14G</type>
  <creationDateTime>2021-05-18T08:23:56Z</creationDateTime>
  <validityPeriod>2021-05-18T04:00Z/2021-05-19T04:00Z</validityPeriod>
  <contractReference>AAA</contractReference>
  <contractType>CT</contractType>
  <issuer_MarketParticipant.identification codingScheme="305">21X-SK-A-A0A0A-N </issuer_MarketParticipant.identification>
  <issuer_MarketParticipant.marketRole.code>ZSO</issuer_MarketParticipant.marketRole.code>
  <recipient_MarketParticipant.identification codingScheme="305"> EICCodeOfShipper
</recipient_MarketParticipant.identification>
  <recipient_MarketParticipant.marketRole.code>ZSH</recipient_MarketParticipant.marketRole.code>
  <ConnectionPoint>
    <identification codingScheme="305">21Y000000000103M</identification>
    <measureUnit.code>KW2</measureUnit.code>
    <Account>
      <identification codingScheme="ZSO">Default</identification>
      <AccountTso codingScheme="305">EUS</AccountTso>
      <type>ZOD</type>
      <measureUnit.code>KW2</measureUnit.code>
      <TimeSeries>
        <type>ZXM</type>
        <Period>
          <timeInterval>2021-05-18T04:00Z/2021-05-19T04:00Z</timeInterval>
          <direction.code>ZPE</direction.code>
          <quantity.amount>0</quantity.amount>
          <status.code>05G</status.code>
        </Period>
      </TimeSeries>
    </Account>
  </ConnectionPoint>
</AccountSituation_Document>
```

Particular elements have following values:

Element	Value
identification	internal document identification
type	14G – imbalance notification
contractReference	code of shipper or other string of max 35 characters

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contractType	CT or Z11
issuer_MarketParticipant.identification codingScheme	coding scheme "305" and EIC code of Eustream
issuer_MarketParticipant.marketRole.code	ZSO
recipient_MarketParticipant.identification codingScheme	coding scheme 305 and EIC code of the Shipper
recipient_MarketParticipant.marketRole.code	ZSH
applicationContext	not used
connectionPoint.identification codingScheme	coding scheme 305 and EIC code of VTP or "ZSO" and VTP
Account.identification codingScheme	coding scheme ZSO and balancing group mane, Default or other agreed between TSO and shipper
Account.type	ZOD
TimeSeries.type	ZXM
direction.code	ZPE in case entry > exit, ZPD in case entry < exit
status.code	05G – definitive value (based on result of the matching process)

9. Codes of the connection points and reason codes

Following EIC and ZSO codes are used for the connection points at Eustream system:

Point	EIC code	ZSO code
Baumgarten	21Y---A001A023-Y	BMGT
Lanzhot	21Z000000000061Z	L
Velke Zlievce - Balassagyarmat	21Z000000000358C	VZ
Velke Kapusany	21Z000000000085L	VK
Budince	21Z000000000357E	BUD
Vyrava	21Z6035937275964	VYR
Domestic point (aggregated - not subject of nomination)	21Y000000000102O	-
Domestic point – Distribution system	21Z0000000004685	DPDS
Domestic point – Storage	21Z0000000004596	DPST
Domestic point – Veolia	21Z000000000460L	DPGT
Virtual trading point	21Y000000000103M	VTP

List of reason codes valid for APERAK and ACKNOW messages:

Reason code	Description	Reason
01G	Processed and accepted	Message processed without any issues
14G	Unknown account identification	Unknown account or account does not belong to the issuer of the message
40G	Syntactical error	Message contains syntactical error, message unreadable
45G	Unknown party identification	Invalid identification of the issuing party or the receiving party
46G	Unknown location identification	Invalid connection point
48G	Other error	A not further specified error has been found in the message.
67G	Unknown shipping account	Invalid external account, or no shipper pair created with such external account