



**The New System of Accounts
Message structure: Balance inquiry
(semt.rqh.001.01)**

Document date: 01.02.2007

Description:

Message used by KDPW participants to submit balance inquiries.

Structure:

No.	or	<XMLTag>	Name	Multiplicity	Type
0		KDPWDocument	KDPW system message	[1..1]	KDPWDocument
0.1		semt.rqh.001.01	Balance inquiry	[1..n]	semt.rqh.001.01
1		GnlInf	General information	[1..1]	GeneralInformation
1.1		SndrMsgRef	Message ID	[1..1]	Max16Text
1.2		FuncOfMsg	Function of message	[1..1]	FunctionOfMessage
1.3		CreDtTm	Date of message creation	[0..1]	DateAndDateTimeChoice
1.3.1	{or	Dt	Date	[1..1]	ISODate
1.3.2	or}	DtTm	Date and time	[1..1]	ISODateTime
2		OprDtls	Inquiry details	[1..1]	OperationDetails
2.1		ReqTp	Inquiry type	[1..1]	Code4Text
2.2		ReqDt	Balance date	[1..1]	ISODate
2.3		AcctDtls	Settlement account attributes	[0..1]	AccountDetails
2.3.1		AcctOwnr	Participant-account holder	[0..1]	KDPWMemberIdentifier
2.3.2		BizTp	Activity type	[0..1]	Max2Text
2.3.3		AcctId	Entity account ID	[0..1]	Max16Text
2.3.4		CFI	CFI code	[0..1]	Max6Text
2.3.5		ISIN	ISIN code	[0..1]	ISINIdentifier
2.3.6		BalTp	Status of assets	[0..1]	Code4Text

Message component elements:**KDPWDocument- KDPW system message (element)**

Description KDPW system message

Type [KDPWDocument](#)

Source <xs:element name="KDPWDocument" type="KDPWDocument" />

AccountDetails- Settlement account (complex type)

Description Settlement account attributes

Component elements

- [AcctOwnr](#){0,1}
- [BizTp](#){0,1}
- [AcctId](#){0,1}
- [CFI](#){0,1}
- [ISIN](#){0,1}
- [BalTp](#){0,1}

Source

```
<xs:complexType name="AccountDetails" >
  <xs:sequence >
    <xs:element name="AcctOwnr" type="KDPWMemberIdentifier" minOccurs="0" />
    <xs:element name="BizTp" type="Max2Text" minOccurs="0" />
    <xs:element name="AcctId" type="Max16Text" minOccurs="0" />
    <xs:element name="CFI" type="Max6Text" minOccurs="0" />
    <xs:element name="ISIN" type="ISINIdentifier" minOccurs="0" />
    <xs:element name="BalTp" type="Code4Text" minOccurs="0" />
  </xs:sequence>
</xs:complexType>
```

AccountDetails/AcctOwnr- Participant - account holder (element)

Description Participant - account holder

Type [KDPWMemberIdentifier](#)

Source <xs:element name="AcctOwnr" type="KDPWMemberIdentifier" minOccurs="0" />

AccountDetails/BizTp- Activity type (element)

Description Activity type

Type [Max2Text](#)

Source <xs:element name="BizTp" type="Max2Text" minOccurs="0" />

AccountDetails/AcctId- Entity account ID (element)

Description Entity account ID

Type [Max16Text](#)

Source <xs:element name="AcctId" type="Max16Text" minOccurs="0" />

AccountDetails/CFI- CFI code (element)

Description CFI code (classification of financial instruments)

Type [Max6Text](#)
Source `<xs:element name="CFI" type="Max6Text" minOccurs="0" />`

AccountDetails/ISIN- ISIN code (element)

Description Financial instrument ISIN code
Type [ISINIdentifier](#)
Source `<xs:element name="ISIN" type="ISINIdentifier" minOccurs="0" />`

AccountDetails/BalTp- Status of assets (element)

Description Status of assets
Type [Code4Text](#)
Source `<xs:element name="BalTp" type="Code4Text" minOccurs="0" />`

BICIdentifier- BIC identifier (simple type)

Description BIC identifier of the financial institution
Type Derivative of type: xs:string
Format `xs:pattern=[A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}`
Source `<xs:simpleType name="BICIdentifier" >
<xs:restriction base="xs:string" >
 <xs:pattern value="[A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}" />
</xs:restriction>
</xs:simpleType>`

Code4Text- Qualifier (simple type)

Description Qualifier, code
Type Derivative of type: xs:string
Format Min. length=4
Max. length=4

Source

```
<xs:simpleType name="Code4Text" >
  <xs:restriction base="xs:string" >
    <xs:whiteSpace value="collapse" />
    <xs:minLength value="4" />
    <xs:maxLength value="4" />
  </xs:restriction>
</xs:simpleType>
```

DateAndDateTimeChoice- Date and time (complex type)

Description Date and time

Component elements [Dt](#)
[DtTm](#)

Source

```
<xs:complexType name="DateAndDateTimeChoice" >
  <xs:sequence >
    <xs:choice >
      <xs:element name="Dt" type="ISODate" />
      <xs:element name="DtTm" type="ISODateTime" />
    </xs:choice>
  </xs:sequence>
</xs:complexType>
```

DateAndDateTimeChoice/Dt- Date (element)

Description [Date](#)

Type [ISODate](#)

Source <xs:element name="Dt" type="ISODate" />

DateAndDateTimeChoice/DtTm- Date and time (element)

Description Date and time

Type [ISODateTime](#)

Source <xs:element name="DtTm" type="ISODateTime" />

FunctionOfMessage- Function of the message (simple type)

Description Function of the message

Type Derivative of type: xs:string

Format	Code	Description
	NEWM	New inquiry

Source

```
<xs:simpleType name="FunctionOfMessage" >
  <xs:restriction base="xs:string" >
    <xs:enumeration value="NEWM" />
  </xs:restriction>
</xs:simpleType>
```

GeneralInformation- General information (complex type)

Description General information

Component elements

- [SndrMsgRef](#)
- [FuncOfMsg](#)
- [CreDtTm{0,1}](#)

Source

```
<xs:complexType name="GeneralInformation" >
  <xs:sequence >
    <xs:element name="SndrMsgRef" type="Max16Text" />
    <xs:element name="FuncOfMsg" type="FunctionOfMessage" />
    <xs:element name="CreDtTm" type="DateAndDateTimeChoice" minOccurs="0" />
  </xs:sequence>
</xs:complexType>
```

GeneralInformation/SndrMsgRef- Message ID (element)

Description Message ID generated by the sender

Type [Max16Text](#)

Source <xs:element name="SndrMsgRef" type="Max16Text" />

GeneralInformation/FuncOfMsg- Function of the message (element)

Description Function of the message

Type [FunctionOfMessage](#)

Source <xs:element name="FuncOfMsg" type="FunctionOfMessage" />

GeneralInformation/CreDtTm- Date of message creation (element)

Description Date of message creation

Type [DateAndDateTimeChoice](#)

Source <xs:element name="CreDTm" type="DateAndDateTimeChoice" minOccurs="0" />

ISINIdentifier- ISIN code (simple type)

Description Financial instrument ISIN code

Type Derivative of type: xs:string

Format Min. length=12
Max. length=12

Source <xs:simpleType name="ISINIdentifier" >
<xs:restriction base="xs:string" >
 <xs:whiteSpace value="collapse" />
 <xs:minLength value="12" />
 <xs:maxLength value="12" />
</xs:restriction>
</xs:simpleType>

ISODate- Date (simple type)

Description Date

Type Derivative of type: xs:date

Format

Source <xs:simpleType name="ISODate" >
<xs:restriction base="xs:date" >
</xs:restriction>
</xs:simpleType>

ISODateTime- Date and time (simple type)

Description Date and time

Type Derivative of type: xs:dateTime

Format

Source <xs:simpleType name="ISODateTime" >
<xs:restriction base="xs:dateTime" >
</xs:restriction>
</xs:simpleType>

KDPWDocument- KDPW system message (complex type)

Description KDPW system message

Attributes	Name	Description	Type
	Sndr	Sender	KDPWMemberIdentifier
	Rcvr	Receiver	KDPWMemberIdentifier

Component elements [semt.rqh.001.01](#){1,unbounded}

Source

```
<xs:complexType name="KDPWDocument" >
  <xs:sequence >
    <xs:element name="semt.rqh.001.01" type="semt.rqh.001.01" maxOccurs="unbounded" />
  </xs:sequence>
  <xs:attribute name="Sndr" type="KDPWMemberIdentifier" use="required" />
  <xs:attribute name="Rcvr" type="KDPWMemberIdentifier" use="required" />
</xs:complexType>
```

KDPWDocument/semt.rqh.001.01- Balance inquiry (element)

Description Balance inquiry

Type [semt.rqh.001.01](#)

Source <xs:element name="semt.rqh.001.01" type="semt.rqh.001.01" maxOccurs="unbounded" />

KDPWMemberIdentifier- KDPW participant ID (simple type)

Description KDPW participant ID

Type Derivative of type: xs:string

Format Min. length=4
Max. length=4

Source

```
<xs:simpleType name="KDPWMemberIdentifier" >
  <xs:restriction base="xs:string" >
    <xs:whiteSpace value="collapse" />
    <xs:minLength value="4" />
    <xs:maxLength value="4" />
  </xs:restriction>
</xs:simpleType>
```

Max2Text- Text (simple type)

Description Text - maximum length 2 characters

Type Derivative of type: xs:string

Format	Min. length=1 Max. length=2
Source	<pre><xs:simpleType name="Max2Text" > <xs:restriction base="xs:string" > <xs:whiteSpace value="collapse" /> <xs:minLength value="1" /> <xs:maxLength value="2" /> </xs:restriction> </xs:simpleType></pre>

Max4Text- Text (simple type)

Description	Text - maximum length 4 characters
Type	Derivative of type: xs:string
Format	Min. length=1 Max. length=4
Source	<pre><xs:simpleType name="Max4Text" > <xs:restriction base="xs:string" > <xs:whiteSpace value="collapse" /> <xs:minLength value="1" /> <xs:maxLength value="4" /> </xs:restriction> </xs:simpleType></pre>

Max6Text- Text (simple type)

Description	Text - maximum length 6 characters
Type	Derivative of type: xs:string
Format	Min. length=1 Max. length=6
Source	<pre><xs:simpleType name="Max6Text" > <xs:restriction base="xs:string" > <xs:whiteSpace value="collapse" /> <xs:minLength value="1" /> <xs:maxLength value="6" /> </xs:restriction> </xs:simpleType></pre>

Max16Text- Text (simple type)

Description	Text - maximum length 16 characters
Type	Derivative of type: xs:string

Format	Min. length=1 Max. length=16
Source	<pre><xs:simpleType name="Max16Text" > <xs:restriction base="xs:string" > <xs:whiteSpace value="collapse" /> <xs:minLength value="1" /> <xs:maxLength value="16" /> </xs:restriction> </xs:simpleType></pre>

OperationDetails- Operation details (complex type)

Description	Operation details
Component elements	ReqTp ReqDt AcctDtIs{0,1}
Source	<pre><xs:complexType name="OperationDetails" > <xs:sequence > <xs:element name="ReqTp" type="Code4Text" /> <xs:element name="ReqDt" type="ISODate" /> <xs:element name="AcctDtIs" type="AccountDetails" minOccurs="0" /> </xs:sequence> </xs:complexType></pre>

OperationDetails/ReqTp- Inquiry type (element)

Description	Inquiry type. Available values: ABAL - balances of registration accounts; AREC - list of accounting entries.
Type	Code4Text
Source	<pre><xs:element name="ReqTp" type="Code4Text" /></pre>

OperationDetails/ReqDt- Balance date (element)

Description	Date of the balance to which the inquiry relates
Type	ISODate
Source	<pre><xs:element name="ReqDt" type="ISODate" /></pre>

OperationDetails/AcctDtIs-Settlement account attributes (element)

Description	Settlement account attributes
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Type [AccountDetails](#)

Source <xs:element name="AcctDtls" type="AccountDetails" minOccurs="0" />

YesNoIndicator- Yes/No indicator (simple type)

Description Yes/No indicator

Type Derivative of type: xs:string

Format

Code	Description
Y	True (Yes)
N	False (No)

Source

```
<xs:simpleType name="YesNoIndicator" >
  <xs:restriction base="xs:string" >
    <xs:enumeration value="Y" />
    <xs:enumeration value="N" />
  </xs:restriction>
</xs:simpleType>
```

semt.rqh.001.01- Balance inquiry (complex type)

Description Balance inquiry

Component elements [GnlInf](#)
[OprDtls](#)

Source

```
<xs:complexType name="semt.rqh.001.01" >
  <xs:sequence >
    <xs:element name="GnlInf" type="GeneralInformation" />
    <xs:element name="OprDtls" type="OperationDetails" />
  </xs:sequence>
</xs:complexType>
```

semt.rqh.001.01 /GnlInf- General information (element)

Description General information block

Type [GeneralInformation](#)

Source <xs:element name="GnlInf" type="GeneralInformation" />

semt.rqh.001.01/OprDtls- Inquiry details (element)

Description	Inquiry details
Type	OperationDetails
Source	<xs:element name="OprDtls" type="OperationDetails" />