



**The New System of Accounts**  
**Message structure: Cash settlement**  
**balances – derivatives**  
**(demt.smc.001.01)**

**Description:**

This message includes a statement of financial liabilities and receivables resulting from the settlement of derivatives.

**Structure:**

No.	or	<XMLTag>	Name	Multiplicity	Type
0		<a href="#">KDPWDocument</a>	KDPW system message	[1..1]	<a href="#">KDPWDocument</a>
0.1		<a href="#">demt.smc.001.01</a>	Cash settlement balances - derivatives	[1..1]	<a href="#">demt.smc.001.01</a>
1		<a href="#">GnlInf</a>	General information	[1..1]	<a href="#">GeneralInformation</a>
1.1		<a href="#">SndrMsgRef</a>	Message ID generated by the sender	[1..1]	<a href="#">Max16Text</a>
1.2		<a href="#">FuncOfMsg</a>	Function of message	[1..1]	<a href="#">FunctionOfMessage</a>
1.3		<a href="#">CreDtTm</a>	Date of message creation	[0..1]	<a href="#">DateAndDateTimeChoice</a>
1.3.1	{or	<a href="#">Dt</a>	Date	[1..1]	<a href="#">ISODate</a>
1.3.2	or}	<a href="#">DtTm</a>	Date and time	[1..1]	<a href="#">ISODateTime</a>
1.4		<a href="#">StmtDt</a>	Balance date	[1..1]	<a href="#">ISODate</a>
1.5		<a href="#">BizDayStat</a>	Accounting day state	[1..1]	<a href="#">BusinessDayState</a>
1.5.1		<a href="#">DayPhs</a>	Day phase	[1..1]	<a href="#">Max1Text</a>
1.5.2		<a href="#">SttImSsnld</a>	Number of settlement session	[0..1]	<a href="#">Max2Int</a>
1.6		<a href="#">RcvrTp</a>	Statement receiver role (payer/participant)	[1..1]	<a href="#">Code4Text</a>
2		<a href="#">CshSttImStmt</a>	Cash settlement statement	[1..n]	<a href="#">CashSettlementStatement</a>
2.1		<a href="#">PngAgt</a>	Payer's code	[1..1]	<a href="#">CashParty</a>
2.1.1		<a href="#">KDPWMmbld</a>	KDPW ID	[1..1]	<a href="#">KDPWMemberIdentifier</a>
2.1.2		<a href="#">CshAcct</a>	IBAN code	[1..1]	<a href="#">IBAN</a>
2.2		<a href="#">Ccy</a>	Currency code	[1..1]	<a href="#">CurrencyCode</a>
2.3		<a href="#">OrdrTp</a>	Order description code	[1..1]	<a href="#">Code4Text</a>
2.4		<a href="#">CshSttImSys</a>	Cash settlement mode	[1..1]	<a href="#">CashSettlementSystem</a>
2.5		<a href="#">TtlNetBal</a>	Balance of receivables and liabilities	[1..1]	<a href="#">BalanceAndSide</a>
2.5.1		<a href="#">Bal</a>	Balance amount	[1..1]	<a href="#">Amount</a>
2.5.2		<a href="#">CdtDbtInd</a>	Sign of balance side	[1..1]	<a href="#">CreditDebitCode</a>
2.6		<a href="#">MmbCshStmt</a>	Balances of payments for the clearing member	[1..n]	<a href="#">MemberCashSettlementStatement</a>
2.6.1		<a href="#">CMmbld</a>	Clearing member's code	[1..1]	<a href="#">KDPWMemberIdentifier</a>

2.6.2		<a href="#">TtlMmbNetBal</a>	Balance of receivables and liabilities for the participant	[1..1]	<a href="#">BalanceAndSide</a>
2.6.2.1		<a href="#">Bal</a>	Balance amount	[1..1]	<a href="#">Amount</a>
2.6.2.2		<a href="#">CdtDbtInd</a>	Sign of balance side	[1..1]	<a href="#">CreditDebitCode</a>
2.6.3		<a href="#">MtMPrmBal</a>	Payment for current market settlements (CRR)/premium	[0..1]	<a href="#">BalanceAndSide</a>
2.6.3.1		<a href="#">Bal</a>	Balance amount	[1..1]	<a href="#">Amount</a>
2.6.3.2		<a href="#">CdtDbtInd</a>	Sign of balance side	[1..1]	<a href="#">CreditDebitCode</a>
2.6.4		<a href="#">ExrcBal</a>	Payment for exercise	[0..1]	<a href="#">BalanceAndSide</a>
2.6.4.1		<a href="#">Bal</a>	Balance amount	[1..1]	<a href="#">Amount</a>
2.6.4.2		<a href="#">CdtDbtInd</a>	Sign of balance side	[1..1]	<a href="#">CreditDebitCode</a>
2.6.5		<a href="#">CshStlmStlmAcct</a>	Cash balances on registration account level	[0..n]	<a href="#">CashSettlementSettlementAccountLevel</a>
2.6.5.1		<a href="#">AcctId</a>	Entity account ID	[1..1]	<a href="#">Max16Text</a>
2.6.5.2		<a href="#">BalTp</a>	Status of assets	[1..1]	<a href="#">Code4Text</a>
2.6.5.3		<a href="#">ISIN</a>	ISIN code	[1..1]	<a href="#">ISINIdentifier</a>
2.6.5.4		<a href="#">CvrdOptQty</a>	Number of covered options	[1..1]	<a href="#">Max11Int</a>
2.6.5.5		<a href="#">MtMPrmBal</a>	Payment for current market settlements (CRR)/premium	[0..1]	<a href="#">BalanceAndSide</a>
2.6.5.5.1		<a href="#">Bal</a>	Balance amount	[1..1]	<a href="#">Amount</a>
2.6.5.5.2		<a href="#">CdtDbtInd</a>	Sign of balance side	[1..1]	<a href="#">CreditDebitCode</a>
2.6.5.6		<a href="#">ExrcBal</a>	Payment for exercise	[0..1]	<a href="#">BalanceAndSide</a>
2.6.5.6.1		<a href="#">Bal</a>	Balance amount	[1..1]	<a href="#">Amount</a>
2.6.5.6.2		<a href="#">CdtDbtInd</a>	Sign of balance side	[1..1]	<a href="#">CreditDebitCode</a>

Message component elements:

### KDPWDocument- KDPW system message (element)

**Description** KDPW system message

**Type** [KDPWDocument](#)

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

### Amount- Amount (simple type)

**Description** Amount

**Type** Derivative of type: xs:decimal

**Format**           Min. amount=0  
                      Max. amount=1000000000000  
                      Number of decimal places=2  
                      Number of characters=14

**Source**           <xs:simpleType name="Amount" >  
                      <xs:restriction base="xs:decimal" >  
                          <xs:minInclusive value="0" />  
                          <xs:maxExclusive value="1000000000000" />  
                          <xs:fractionDigits value="2" />  
                          <xs:totalDigits value="14" />  
                      </xs:restriction>  
                      </xs:simpleType>

### **AmountAndDate- Amount, currency and date (complex type)**

**Description**     Amount, currency and date

**Component elements**    [Amt](#)  
                              [ValDt](#){0,1}

**Source**           <xs:complexType name="AmountAndDate" >  
                      <xs:sequence >  
                          <xs:element name="Amt" type="CurrencyAndAmount" />  
                          <xs:element name="ValDt" type="ISODate" minOccurs="0" />  
                      </xs:sequence>  
                      </xs:complexType>

### **AmountAndDate/Amt- Amount and currency code (element)**

**Description**     Amount and currency code

**Type**            [CurrencyAndAmount](#)

**Source**           <xs:element name="Amt" type="CurrencyAndAmount" />

### **AmountAndDate/ValDt- Date of determining the transaction amount (element)**

**Description**     Value date on which the value of securities was calculated

**Type**            [ISODate](#)

**Source**           <xs:element name="ValDt" type="ISODate" minOccurs="0" />

### **BalanceAndSide- Balance amount and side (complex type)**

**Description**     Balance amount and side

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**Component elements** [Bal](#)  
[CdtDbtInd](#)

**Source**

```
<xs:complexType name="BalanceAndSide" >
  <xs:sequence >
    <xs:element name="Bal" type="Amount" />
    <xs:element name="CdtDbtInd" type="CreditDebitCode" />
  </xs:sequence>
</xs:complexType>
```

### BalanceAndSide/Bal- Balance amount (element)

**Description** Balance amount

**Type** [Amount](#)

**Source**

```
<xs:element name="Bal" type="Amount" />
```

### BalanceAndSide/CdtDbtInd- Sign of balance side (element)

**Description** Sign of balance side

**Type** [CreditDebitCode](#)

**Source**

```
<xs:element name="CdtDbtInd" type="CreditDebitCode" />
```

### 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>
```

### BusinessDayState- State of accounting day (complex type)

**Description** State of accounting day

**Component elements** [DayPhs](#)  
[SttImSsnld](#){0,1}

**Source** `<xs:complexType name="BusinessDayState" >  
<xs:sequence >  
 <xs:element name="DayPhs" type="Max1Text" />  
 <xs:element name="SttlmSsnld" type="Max2Int" minOccurs="0" />  
</xs:sequence>  
</xs:complexType>`

## BusinessDayState/DayPhs- Phase of day (element)

**Description** Phase of day

**Type** [Max1Text](#)

**Source** `<xs:element name="DayPhs" type="Max1Text" />`

## BusinessDayState/SttlmSsnld- Number of settlement session (element)

**Description** Number of settlement session

**Type** [Max2Int](#)

**Source** `<xs:element name="SttlmSsnld" type="Max2Int" minOccurs="0" />`

## CashParty- Payer (complex type)

**Description** Institution responsible for financial settlement

**Component elements** [KDPWMmbld](#)  
[CshAcct](#)

**Source** `<xs:complexType name="CashParty" >  
<xs:sequence >  
 <xs:element name="KDPWMmbld" type="KDPWMemberIdentifier" />  
 <xs:element name="CshAcct" type="IBAN" />  
</xs:sequence>  
</xs:complexType>`

## CashParty/KDPWMmbld- KDPW ID (element)

**Description** KDPW ID

**Type** [KDPWMemberIdentifier](#)

**Source** `<xs:element name="KDPWMmbld" type="KDPWMemberIdentifier" />`

## CashParty/CshAcct- IBAN code (element)

<b>Description</b>	Number of cash account in settlement bank
<b>Type</b>	<a href="#">IBAN</a>
<b>Source</b>	<xs:element name="CshAcct" type="IBAN" />

## CashSettlementSettlementAccountLevel- Cash balances on registration account level (complex type)

<b>Description</b>	Cash balances on registration account level
<b>Component elements</b>	<a href="#">AcctId</a> <a href="#">BalTp</a> <a href="#">ISIN</a> <a href="#">CvrdOptQty</a> <a href="#">MtMPrmBal</a> {0,1} <a href="#">ExrcBal</a> {0,1}
<b>Source</b>	<pre>&lt;xs:complexType name="CashSettlementSettlementAccountLevel" &gt;   &lt;xs:sequence &gt;     &lt;xs:element name="AcctId" type="Max16Text" /&gt;     &lt;xs:element name="BalTp" type="Code4Text" /&gt;     &lt;xs:element name="ISIN" type="ISINIdentifier" /&gt;     &lt;xs:element name="CvrdOptQty" type="Max11Int" /&gt;     &lt;xs:element name="MtMPrmBal" type="BalanceAndSide" minOccurs="0" /&gt;     &lt;xs:element name="ExrcBal" type="BalanceAndSide" minOccurs="0" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

## CashSettlementSettlementAccountLevel/AcctId-Entity account ID (element)

<b>Description</b>	Entity account ID
<b>Type</b>	<a href="#">Max16Text</a>
<b>Source</b>	<xs:element name="AcctId" type="Max16Text" />

## CashSettlementSettlementAccountLevel/BalTp- Status of assets (element)

<b>Description</b>	Status of assets
<b>Type</b>	<a href="#">Code4Text</a>

**Source** <xs:element name="BalTp" type="Code4Text" />

### **CashSettlementSettlementAccountLevel/ISIN- ISIN code (element)**

**Description** Financial instrument ISIN code

**Type** [ISINIdentifier](#)

**Source** <xs:element name="ISIN" type="ISINIdentifier" />

### **CashSettlementSettlementAccountLevel/CvrdOptQty- Number of covered options (element)**

**Description** Number of covered options

**Type** [Max11Int](#)

**Source** <xs:element name="CvrdOptQty" type="Max11Int" />

### **CashSettlementSettlementAccountLevel/MtMPrmBal- Payment for current market settlements (CRR)/premium (element)**

**Description** Payment for current market settlements (CRR)/premium

**Type** [BalanceAndSide](#)

**Source** <xs:element name="MtMPrmBal" type="BalanceAndSide" minOccurs="0" />

### **CashSettlementSettlementAccountLevel/ExrcBal- Payment for exercise (element)**

**Description** Payment for exercise

**Type** [BalanceAndSide](#)

**Source** <xs:element name="ExrcBal" type="BalanceAndSide" minOccurs="0" />

### **CashSettlementStatement- Cash balance statement (complex type)**

**Description** Cash balance statement



**Component elements**     [PngAgt](#)  
                                   [Ccy](#)  
                                   [OrdrTp](#)  
                                   [CshStlmSys](#)  
                                   [TtlNetBal](#)  
                                   [MmbCshStmt](#){1,unbounded}

**Source**                    <xs:complexType name="CashSettlementStatement" >  
                                   <xs:sequence >  
                                   <xs:element name="PngAgt" type="CashParty" />  
                                   <xs:element name="Ccy" type="CurrencyCode" />  
                                   <xs:element name="OrdrTp" type="Code4Text" />  
                                   <xs:element name="CshStlmSys" type="CashSettlementSystem" />  
                                   <xs:element name="TtlNetBal" type="BalanceAndSide" />  
                                   <xs:element name="MmbCshStmt" type="MemberCashSettlementStatement" maxOccurs="unbounded" />  
                                   </xs:sequence>  
                                   </xs:complexType>

### CashSettlementStatement/PngAgt- Payer's code (element)

**Description**            Payer's code  
**Type**                    [CashParty](#)  
**Source**                    <xs:element name="PngAgt" type="CashParty" />

### CashSettlementStatement/Ccy- Currency code (element)

**Description**            Currency code  
**Type**                    [CurrencyCode](#)  
**Source**                    <xs:element name="Ccy" type="CurrencyCode" />

### CashSettlementStatement/OrdrTp- Order description code (element)

**Description**            Order description code in settlement bank  
**Type**                    [Code4Text](#)  
**Source**                    <xs:element name="OrdrTp" type="Code4Text" />

### CashSettlementStatement/CshStlmSys- Cash settlement mode (element)

**Description**            Type of liabilities and receivables netting

**Type** [CashSettlementSystem](#)  
**Source** `<xs:element name="CshStlmSys" type="CashSettlementSystem" />`

## CashSettlementStatement/TtlNetBal-Balance of receivables and liabilities (element)

**Description** Balance of receivables and liabilities  
**Type** [BalanceAndSide](#)  
**Source** `<xs:element name="TtlNetBal" type="BalanceAndSide" />`

## CashSettlementStatement/MmbCshStmt-Balances of payments for the clearing member (element)

**Description** Balances of payments for the clearing member.  
**Type** [MemberCashSettlementStatement](#)  
**Source** `<xs:element name="MmbCshStmt" type="MemberCashSettlementStatement" maxOccurs="unbounded" />`

## CashSettlementSystem- Cash settlement mode (simple type)

**Description** Cash settlement mode. This field specifies the mode of liabilities and receivables netting  
**Type** Derivative of type: xs:string

Format	Code	Description
	NETT	Multilateral netting
	BILL	Bilateral netting
	GROS	Gross amount

**Source** `<xs:simpleType name="CashSettlementSystem" >  
 <xs:restriction base="xs:string" >  
 <xs:enumeration value="NETT" />  
 <xs:enumeration value="BILL" />  
 <xs:enumeration value="GROS" />  
 </xs:restriction>  
 </xs:simpleType>`

## Code4Text- Qualifier (simple type)

<b>Description</b>	Qualifier, code
<b>Type</b>	Derivative of type: xs:string
<b>Format</b>	Min. length=4 Max. length=4
<b>Source</b>	<pre>&lt;xs:simpleType name="Code4Text" &gt;   &lt;xs:restriction base="xs:string" &gt;     &lt;xs:whiteSpace value="collapse" /&gt;     &lt;xs:minLength value="4" /&gt;     &lt;xs:maxLength value="4" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

## CreditDebitCode- Liabilities/receivables indicator (simple type)

<b>Description</b>	Codes specifying the side of the balance						
<b>Type</b>	Derivative of type: xs:string						
<b>Format</b>	<table><thead><tr><th>Code</th><th>Description</th></tr></thead><tbody><tr><td>CRDT</td><td>Receivables (participant is to be credited)</td></tr><tr><td>DBIT</td><td>Liabilities (participant is to be debited)</td></tr></tbody></table>	Code	Description	CRDT	Receivables (participant is to be credited)	DBIT	Liabilities (participant is to be debited)
Code	Description						
CRDT	Receivables (participant is to be credited)						
DBIT	Liabilities (participant is to be debited)						
<b>Source</b>	<pre>&lt;xs:simpleType name="CreditDebitCode" &gt;   &lt;xs:restriction base="xs:string" &gt;     &lt;xs:enumeration value="CRDT" /&gt;     &lt;xs:enumeration value="DBIT" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>						

## CurrencyAndAmount- Amount and currency code (complex type)

<b>Description</b>	Amount and currency code						
<b>Type</b>	Derivative of type: <a href="#">Amount</a>						
<b>Attributes</b>	<table><thead><tr><th>Name</th><th>Description</th><th>Type</th></tr></thead><tbody><tr><td>Ccy</td><td>Currency code</td><td><a href="#">CurrencyCode</a></td></tr></tbody></table>	Name	Description	Type	Ccy	Currency code	<a href="#">CurrencyCode</a>
Name	Description	Type					
Ccy	Currency code	<a href="#">CurrencyCode</a>					
<b>Source</b>	<pre>&lt;xs:complexType name="CurrencyAndAmount" &gt;   &lt;xs:simpleContent&gt;     &lt;xs:extension base="Amount" &gt;       &lt;xs:attribute name="Ccy" type="CurrencyCode" use="required" /&gt;     &lt;/xs:extension&gt;   &lt;/xs:simpleContent&gt; &lt;/xs:complexType&gt;</pre>						

```
</xs:simpleContent>  
</xs:complexType>
```

## CurrencyCode- Currency code (simple type)

<b>Description</b>	Currency code
<b>Type</b>	Derivative of type: xs:string
<b>Format</b>	xs:pattern=[A-Z]{3,3}
<b>Source</b>	<pre>&lt;xs:simpleType name="CurrencyCode" &gt;   &lt;xs:restriction base="xs:string" &gt;     &lt;xs:pattern value="[A-Z]{3,3}" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

## DateAndDateTimeChoice- Date and time (complex type)

<b>Description</b>	Date and time
<b>Component elements</b>	<a href="#">Dt</a> <a href="#">DtTm</a>
<b>Source</b>	<pre>&lt;xs:complexType name="DateAndDateTimeChoice" &gt;   &lt;xs:sequence &gt;     &lt;xs:choice &gt;       &lt;xs:element name="Dt" type="ISODate" /&gt;       &lt;xs:element name="DtTm" type="ISODateTime" /&gt;     &lt;/xs:choice&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

## DateAndDateTimeChoice/Dt- Date (element)

<b>Description</b>	Date
<b>Type</b>	<a href="#">ISODate</a>
<b>Source</b>	<pre>&lt;xs:element name="Dt" type="ISODate" /&gt;</pre>

## DateAndDateTimeChoice/DtTm- Date and time (element)

<b>Description</b>	Date and time
<b>Type</b>	<a href="#">ISODateTime</a>
<b>Source</b>	<pre>&lt;xs:element name="DtTm" type="ISODateTime" /&gt;</pre>

## FunctionOfMessage- Function of the message (simple type)

<b>Description</b>	Function of the message	
<b>Type</b>	Derivative of type: xs:string	
<b>Format</b>	<b>Code</b>	<b>Description</b>
	NEWM	New statement
<b>Source</b>	<pre>&lt;xs:simpleType name="FunctionOfMessage" &gt;   &lt;xs:restriction base="xs:string" &gt;     &lt;xs:enumeration value="NEWM" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>	

## GeneralInformation- General information (complex type)

<b>Description</b>	General message information
<b>Component elements</b>	<a href="#">SndrMsgRef</a> <a href="#">FuncOfMsg</a> <a href="#">CreDtTm</a> {0,1} <a href="#">Stmtdt</a> <a href="#">BizDayStat</a> <a href="#">RcvrTp</a>
<b>Source</b>	<pre>&lt;xs:complexType name="GeneralInformation" &gt;   &lt;xs:sequence &gt;     &lt;xs:element name="SndrMsgRef" type="Max16Text" /&gt;     &lt;xs:element name="FuncOfMsg" type="FunctionOfMessage" /&gt;     &lt;xs:element name="CreDtTm" type="DateAndDateTimeChoice" minOccurs="0" /&gt;     &lt;xs:element name="Stmtdt" type="ISODate" /&gt;     &lt;xs:element name="BizDayStat" type="BusinessDayState" /&gt;     &lt;xs:element name="RcvrTp" type="Code4Text" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

## GeneralInformation/SndrMsgRef- Message ID generated by the sender (element)

<b>Description</b>	Message ID generated by the sender
<b>Type</b>	<a href="#">Max16Text</a>
<b>Source</b>	<pre>&lt;xs:element name="SndrMsgRef" type="Max16Text" /&gt;</pre>

## GeneralInformation/FuncOfMsg- Function of the message (element)

<b>Description</b>	Function of the message
<b>Type</b>	<a href="#">FunctionOfMessage</a>
<b>Source</b>	<xs:element name="FuncOfMsg" type="FunctionOfMessage" />

## GeneralInformation/CreDtTm- Date of message creation (element)

<b>Description</b>	Date of message creation
<b>Type</b>	<a href="#">DateAndDateTimeChoice</a>
<b>Source</b>	<xs:element name="CreDtTm" type="DateAndDateTimeChoice" minOccurs="0" />

## GeneralInformation/StmtDt- Balance date (element)

<b>Description</b>	Balance date
<b>Type</b>	<a href="#">ISODate</a>
<b>Source</b>	<xs:element name="StmtDt" type="ISODate" />

## GeneralInformation/BizDayStat- Accounting day state (element)

<b>Description</b>	Accounting day state
<b>Type</b>	<a href="#">BusinessDayState</a>
<b>Source</b>	<xs:element name="BizDayStat" type="BusinessDayState" />

## GeneralInformation/RcvrTp- Statement receiver role (payer/participant) (element)

<b>Description</b>	Statement receiver role. Available values: MMBR-member (participant); PAYE-payer.
<b>Type</b>	<a href="#">Code4Text</a>
<b>Source</b>	<xs:element name="RcvrTp" type="Code4Text" />

## IBAN- IBAN code (simple type)

**Description** Number of cash account in settlement bank

**Type** Derivative of type: xs:string

**Format** Min. length=1  
Max. length=28

**Source**  
<xs:simpleType name="IBAN" >  
  <xs:restriction base="xs:string" >  
    <xs:whiteSpace value="collapse" />  
    <xs:minLength value="1" />  
    <xs:maxLength value="28" />  
  </xs:restriction>  
</xs:simpleType>

### **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

<b>Attributes</b>	<b>Name</b>	<b>Description</b>	<b>Type</b>
	Sndr	Sender	<a href="#">KDPWMemberIdentifier</a>
	Rcvr	Receiver	<a href="#">KDPWMemberIdentifier</a>

**Component elements** [demt.smc.001.01](#)

**Source**

```
<xs:complexType name="KDPWDocument" >  
  <xs:sequence >  
    <xs:element name="demt.smc.001.01" type="demt.smc.001.01" />  
  </xs:sequence>  
  <xs:attribute name="Sndr" type="KDPWMemberIdentifier" use="required" />  
  <xs:attribute name="Rcvr" type="KDPWMemberIdentifier" use="required" />  
</xs:complexType>
```

**KDPWDocument/demt.smc.001.01- Cash settlement balances - derivatives (element)**

**Description** Cash settlement balances - derivatives

**Type** [demt.smc.001.01](#)

**Source** <xs:element name="demt.smc.001.01" type="demt.smc.001.01" />

**KDPWMarketIdentifier- KDPW market ID (simple type)**

**Description** KDPW market ID

**Type** Derivative of type: xs:string

**Format** Min. length=2  
Max. length=2

**Source** <xs:simpleType name="KDPWMarketIdentifier" >  
<xs:restriction base="xs:string" >



```
<xs:whiteSpace value="collapse" />
<xs:minLength value="2" />
<xs:maxLength value="2" />
</xs:restriction>
</xs:simpleType>
```

### **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>

### **KDPWSettlementTransactionType- KDPW operation code (simple type)**

**Description** KDPW settlement operation code

**Type** Derivative of type: xs:string

**Format** Min. length=2  
Max. length=2

**Source** <xs:simpleType name="KDPWSettlementTransactionType" >  
<xs:restriction base="xs:string" >  
 <xs:whiteSpace value="collapse" />  
 <xs:minLength value="2" />  
 <xs:maxLength value="2" />  
</xs:restriction>  
</xs:simpleType>

### **Max2Int- Number (simple type)**

**Description** Integer - maximum length 2 characters

**Type** Derivative of type: xs:integer

**Format**            Number of characters=2  
                         Min. value=0

**Source**            <xs:simpleType name="Max2Int" >  
                         <xs:restriction base="xs:integer" >  
                         <xs:totalDigits value="2" />  
                         <xs:minInclusive value="0" />  
                         </xs:restriction>  
                         </xs:simpleType>

## **Max11Int- Number (simple type)**

**Description**     Integer - maximum length 11 characters

**Type**             Derivative of type: xs:integer

**Format**            Number of characters=11  
                         Min. value=0

**Source**            <xs:simpleType name="Max11Int" >  
                         <xs:restriction base="xs:integer" >  
                         <xs:totalDigits value="11" />  
                         <xs:minInclusive value="0" />  
                         </xs:restriction>  
                         </xs:simpleType>

## **Max1Text- Text (simple type)**

**Description**     Text - 1 character

**Type**             Derivative of type: xs:string

**Format**            Min. length=1  
                         Max. length=1

**Source**            <xs:simpleType name="Max1Text" >  
                         <xs:restriction base="xs:string" >  
                         <xs:whiteSpace value="collapse" />  
                         <xs:minLength value="1" />  
                         <xs:maxLength value="1" />  
                         </xs:restriction>  
                         </xs:simpleType>

## **Max2Text- Text (simple type)**

**Description**     Text - maximum length 2 characters

**Type**             Derivative of type: xs:string

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

### **Max8Text- Text (simple type)**

<b>Description</b>	Text - maximum length 8 characters
<b>Type</b>	Derivative of type: xs:string
<b>Format</b>	Min. length=1 Max. length=8
<b>Source</b>	<pre>&lt;xs:simpleType name="Max8Text" &gt;   &lt;xs:restriction base="xs:string" &gt;     &lt;xs:whiteSpace value="collapse" /&gt;     &lt;xs:minLength value="1" /&gt;     &lt;xs:maxLength value="8" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

### **Max16Text- Text (simple type)**

<b>Description</b>	Text - maximum length 16 characters
<b>Type</b>	Derivative of type: xs:string
<b>Format</b>	Min. length=1 Max. length=16
<b>Source</b>	<pre>&lt;xs:simpleType name="Max16Text" &gt;   &lt;xs:restriction base="xs:string" &gt;     &lt;xs:whiteSpace value="collapse" /&gt;     &lt;xs:minLength value="1" /&gt;     &lt;xs:maxLength value="16" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>

### **MemberCashSettlementStatement- Balances of payments for the clearing member (complex type)**

<b>Description</b>	Balances of payments for the clearing member
--------------------	--

<b>Component elements</b>	<a href="#">CMmbld</a> <a href="#">TtlMmbNetBal</a> <a href="#">MtMPrmBal</a> {0,1} <a href="#">ExrcBal</a> {0,1} <a href="#">CshSttlmSttlmAcct</a> {0,unbounded}
<b>Source</b>	<pre>&lt;xs:complexType name="MemberCashSettlementStatement" &gt;   &lt;xs:sequence &gt;     &lt;xs:element name="CMmbld" type="KDPWMemberIdentifier" /&gt;     &lt;xs:element name="TtlMmbNetBal" type="BalanceAndSide" /&gt;     &lt;xs:element name="MtMPrmBal" type="BalanceAndSide" minOccurs="0" /&gt;     &lt;xs:element name="ExrcBal" type="BalanceAndSide" minOccurs="0" /&gt;     &lt;xs:element name="CshSttlmSttlmAcct" type="CashSettlementSettlementAccountLevel" minOccurs="0"       maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

### **MemberCashSettlementStatement/CMmbld- Code of clearing member (element)**

<b>Description</b>	KDPW code of clearing member
<b>Type</b>	<a href="#">KDPWMemberIdentifier</a>
<b>Source</b>	<pre>&lt;xs:element name="CMmbld" type="KDPWMemberIdentifier" /&gt;</pre>

### **MemberCashSettlementStatement/TtlMmbNetBal- Balance of receivables and liabilities for the clearing member (element)**

<b>Description</b>	Balance of receivables and liabilities for the clearing member
<b>Type</b>	<a href="#">BalanceAndSide</a>
<b>Source</b>	<pre>&lt;xs:element name="TtlMmbNetBal" type="BalanceAndSide" /&gt;</pre>

### **MemberCashSettlementStatement/MtMPrmBal- Payment for current market settlements (CRR)/premium (element)**

<b>Description</b>	Payment for current market settlements (CRR)/premium
<b>Type</b>	<a href="#">BalanceAndSide</a>
<b>Source</b>	<pre>&lt;xs:element name="MtMPrmBal" type="BalanceAndSide" minOccurs="0" /&gt;</pre>

## MemberCashSettlementStatement/ExrcBal- Payment for exercise (element)

**Description** Payment for exercise

**Type** [BalanceAndSide](#)

**Source** <xs:element name="ExrcBal" type="BalanceAndSide" minOccurs="0" />

## MemberCashSettlementStatement/CshSttlmSttlmAcct- Cash balances on registration account level (element)

**Description** Cash balances on registration account level

**Type** [CashSettlementSettlementAccountLevel](#)

**Source** <xs:element name="CshSttlmSttlmAcct" type="CashSettlementSettlementAccountLevel" minOccurs="0" maxOccurs="unbounded" />

## 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>

## demt.smc.001.01- Cash settlement balances - derivatives (complex type)

**Description** Cash settlement balances - derivatives

**Component elements** [GnlInf](#)  
[CshSttlmStmt](#){1,unbounded}

**Source**

```
<xs:complexType name="demt.smc.001.01" >  
  <xs:sequence >  
    <xs:element name="GnlInf" type="GeneralInformation" />  
    <xs:element name="CshSttlmStm" type="CashSettlementStatement" maxOccurs="unbounded" />  
  </xs:sequence>  
</xs:complexType>
```

**demt.smc.001.01/GnlInf- General information (element)**

**Description**      General information block

**Type**              [GeneralInformation](#)

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

**demt.smc.001.01/CshSttlmStm-Cash settlement statement (element)**

**Description**      Cash settlement statement

**Type**              [CashSettlementStatement](#)

**Source**            <xs:element name="CshSttlmStm" type="CashSettlementStatement" maxOccurs="unbounded" />