

## Structure of message: NPV per Leg report (otcc.npv.001.01)

### Description:

The NPV per Leg report presents the valuation of cash flows per transaction.

### Structure:

No.	Or	< XML Tag >	Name	Multiplicity	Type
0		<a href="#">KDPWDocument</a>	KDPW system message	[1..1]	<a href="#">KDPWDocument</a>
0.1		<a href="#">otcc.npv.001.01</a>	NPV per Leg report	[1..1]	<a href="#">otcc.npv.001.01</a>
1		<a href="#">Pgntn</a>	Pagination	[1..1]	<a href="#">Pagination</a>
1.1		<a href="#">PgNb</a>	Page number	[1..1]	<a href="#">Max5Int</a>
1.2		<a href="#">LastPgInd</a>	Last page indicator	[1..1]	<a href="#">YesNoIndicator</a>
2		<a href="#">GnlInf</a>	General information	[1..1]	<a href="#">GeneralInformation</a>
2.1		<a href="#">SndrMsgRef</a>	Sender message reference	[1..1]	<a href="#">Max16Text</a>
2.2		<a href="#">FuncOfMsg</a>	Function of message	[1..1]	<a href="#">FunctionOfMessage</a>
2.3		<a href="#">CreDtTm</a>	Creation date and time	[0..1]	<a href="#">DateAndDateTimeChoice</a>
2.3.1	{ or	<a href="#">Dt</a>	Date	[1..1]	<a href="#">ISODate</a>
2.3.2	or }	<a href="#">DtTm</a>	Date and time	[1..1]	<a href="#">ISODateTime</a>
2.4		<a href="#">StmtDtTm</a>	Statement date and time	[1..1]	<a href="#">ISODate</a>
3		<a href="#">StmtForAcct</a>	Statement for PA account	[0..n]	<a href="#">StatementForAccount</a>
3.1		<a href="#">PAAcct</a>	PA account identifier where transactions are registered	[1..1]	<a href="#">Max35Text</a>
3.2		<a href="#">Trad</a>	Trade	[0..n]	<a href="#">TradeDetails</a>
3.2.1		<a href="#">CCPTradId</a>	KDPW_CCP trade identifier	[1..1]	<a href="#">Max16Text</a>
3.2.2		<a href="#">CMDealId</a>	Confirmation platform deal identifier	[0..1]	<a href="#">Max16Text</a>
3.2.3		<a href="#">Ccy</a>	Currency	[1..1]	<a href="#">CurrencyCode</a>
3.2.4		<a href="#">Prdct</a>	Product	[1..1]	<a href="#">Max16Text</a>
3.2.5		<a href="#">Nmnl</a>	Nominal	[1..1]	<a href="#">Amount</a>
3.2.6		<a href="#">TradDt</a>	Trade date	[1..1]	<a href="#">ISODate</a>
3.2.7		<a href="#">MtrtyDt</a>	Maturity date	[1..1]	<a href="#">ISODate</a>
3.2.8		<a href="#">CFDtIs</a>	Cash flow details	[1..n]	<a href="#">CashFlowDetails</a>
3.2.8.1		<a href="#">CFDef</a>	Cash flow definition	[1..1]	<a href="#">Max16Text</a>
3.2.8.2		<a href="#">PV</a>	Cash flow present value	[1..1]	<a href="#">SignedAmount</a>

## Message component elements:

<b>KDPWDocument- KDPW system message (element)</b>	
<b>Description</b>	KDPW system message
<b>Type</b>	<a href="#">KDPWDocument</a>
<b>Source</b>	<xs:element name="KDPWDocument" type="KDPWDocument" />
<b>Amount- Amount (simple type)</b>	
<b>Description</b>	Amount
<b>Type</b>	Derivative of type: xs:decimal
<b>Format</b>	Min. value=0 Number of decimal places=2 Number of characters=14
<b>Source</b>	<pre>&lt;xs:simpleType name="Amount" &gt;   &lt;xs:restriction base="xs:decimal" &gt;     &lt;xs:minInclusive value="0" /&gt;     &lt;xs:fractionDigits value="2" /&gt;     &lt;xs:totalDigits value="14" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
<b>CashFlowDetails- Cash flow details (complex type)</b>	
<b>Description</b>	Cash flow details
<b>Component elements</b>	<a href="#">CFDef</a> <a href="#">PV</a>
<b>Source</b>	<pre>&lt;xs:complexType name="CashFlowDetails" &gt;   &lt;xs:sequence &gt;     &lt;xs:element name="CFDef" type="Max16Text" /&gt;     &lt;xs:element name="PV" type="SignedAmount" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
<b>CashFlowDetails/CFDef- Cash flow definition (element)</b>	
<b>Description</b>	Cash flow definition. For a fixed coupon – value “FIXED”, for a floating coupon – reference rate, for an initial fee/upfront fee – value “FEE”.
<b>Type</b>	<a href="#">Max16Text</a>
<b>Source</b>	<xs:element name="CFDef" type="Max16Text" />
<b>CashFlowDetails/PV- Cash flow present value (element)</b>	
<b>Description</b>	Cash flow present value
<b>Type</b>	<a href="#">SignedAmount</a>
<b>Source</b>	<xs:element name="PV" type="SignedAmount" />

<b>Code4Text- Qualifier (simple type)</b>	
<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>
<b>CurrencyCode- Currency code (simple type)</b>	
<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>
<b>DateAndDateTimeChoice- Date and time (complex type)</b>	
<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>
<b>DateAndDateTimeChoice/Dt- Date (element)</b>	
<b>Description</b>	Date
<b>Type</b>	<a href="#">ISODate</a>
<b>Source</b>	<pre>&lt;xs:element name="Dt" type="ISODate" /&gt;</pre>
<b>DateAndDateTimeChoice/DtTm- Date and time (element)</b>	
<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>

<b>FunctionOfMessage- Function of message (simple type)</b>	
<b>Description</b>	Function of message
<b>Type</b>	Derivative of type: xs:string
<b>Format</b>	<b>Code Description</b> NEWMNew message
<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>
<b>GeneralInformation- General information (complex type)</b>	
<b>Description</b>	General information
<b>Component elements</b>	<a href="#">SndrMsgRef</a> <a href="#">FuncOfMsg</a> <a href="#">CreDtTm</a> {0,1} <a href="#">StmntDtTm</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="StmntDtTm" type="ISODate" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
<b>GeneralInformation/SndrMsgRef- Sender message reference (element)</b>	
<b>Description</b>	Sender message reference
<b>Type</b>	<a href="#">Max16Text</a>
<b>Source</b>	<pre>&lt;xs:element name="SndrMsgRef" type="Max16Text" /&gt;</pre>
<b>GeneralInformation/FuncOfMsg- Function of message (element)</b>	
<b>Description</b>	Function of message
<b>Type</b>	<a href="#">FunctionOfMessage</a>
<b>Source</b>	<pre>&lt;xs:element name="FuncOfMsg" type="FunctionOfMessage" /&gt;</pre>
<b>GeneralInformation/CreDtTm- Creation date and time (element)</b>	
<b>Description</b>	Creation date and time
<b>Type</b>	<a href="#">DateAndDateTimeChoice</a>
<b>Source</b>	<pre>&lt;xs:element name="CreDtTm" type="DateAndDateTimeChoice" minOccurs="0" /&gt;</pre>
<b>GeneralInformation/StmntDtTm- Statement date and time (element)</b>	
<b>Description</b>	Statement date and time
<b>Type</b>	<a href="#">ISODate</a>
<b>Source</b>	<pre>&lt;xs:element name="StmntDtTm" type="ISODate" /&gt;</pre>

<b>ISODate- Date (simple type)</b>										
<b>Description</b>	Date									
<b>Type</b>	Derivative of type: xs:date									
<b>Format</b>										
<b>Source</b>	<pre>&lt;xs:simpleType name="ISODate" &gt;   &lt;xs:restriction base="xs:date" &gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt;</pre>									
<b>ISODateTime- Date and time (simple type)</b>										
<b>Description</b>	Date and time									
<b>Type</b>	Derivative of type: xs:dateTime									
<b>Format</b>										
<b>Source</b>	<pre>&lt;xs:simpleType name="ISODateTime" &gt;   &lt;xs:restriction base="xs:dateTime" &gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt;</pre>									
<b>KDPWDocument- KDPW system message (complex type)</b>										
<b>Description</b>	KDPW system message									
<b>Attributes</b>	<table border="1"> <thead> <tr> <th>Name</th> <th>Description</th> <th>Type</th> </tr> </thead> <tbody> <tr> <td>Sndr</td> <td>Sender</td> <td><a href="#">KDPWMemberIdentifier</a></td> </tr> <tr> <td>Rcvr</td> <td>Receiver</td> <td><a href="#">KDPWMemberIdentifier</a></td> </tr> </tbody> </table>	Name	Description	Type	Sndr	Sender	<a href="#">KDPWMemberIdentifier</a>	Rcvr	Receiver	<a href="#">KDPWMemberIdentifier</a>
Name	Description	Type								
Sndr	Sender	<a href="#">KDPWMemberIdentifier</a>								
Rcvr	Receiver	<a href="#">KDPWMemberIdentifier</a>								
<b>Component elements</b>	<a href="#">otcc.npv.001.01</a>									
<b>Source</b>	<pre>&lt;xs:complexType name="KDPWDocument" &gt;   &lt;xs:sequence &gt;     &lt;xs:element name="otcc.npv.001.01" type="otcc.npv.001.01" /&gt;   &lt;/xs:sequence&gt;   &lt; xs:attribute name="Sndr" type="KDPWMemberIdentifier" use="required" /&gt;   &lt; xs:attribute name="Rcvr" type="KDPWMemberIdentifier" use="required" /&gt; &lt;/xs:complexType&gt;</pre>									
<b>KDPWDocument/otcc.npv.001.01- NPV per Leg report (element)</b>										
<b>Description</b>	NPV per Leg report									
<b>Type</b>	<a href="#">otcc.npv.001.01</a>									
<b>Source</b>	<pre>&lt;xs:element name="otcc.npv.001.01" type="otcc.npv.001.01" /&gt;</pre>									
<b>KDPWMemberIdentifier- KDPW member identifier (simple type)</b>										
<b>Description</b>	KDPW member identifier									
<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="KDPWMemberIdentifier" &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>
<b>Max5Int- Integer (simple type)</b>	
<b>Description</b>	Integer, max. length 5 characters
<b>Type</b>	Derivative of type: xs:integer
<b>Format</b>	Number of characters=5 Min. value=0
<b>Source</b>	<pre> &lt;xs:simpleType name="Max5Int" &gt;   &lt;xs:restriction base="xs:integer" &gt;     &lt;xs:totalDigits value="5" /&gt;     &lt;xs:minInclusive value="0" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
<b>Max16Text- Text (simple type)</b>	
<b>Description</b>	Text, max. 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:minLength value="1" /&gt;     &lt;xs:maxLength value="16" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
<b>Max35Text- Text (simple type)</b>	
<b>Description</b>	Text, max. length 35 characters
<b>Type</b>	Derivative of type: xs:string
<b>Format</b>	Min. length=1 Max. length=35
<b>Source</b>	<pre> &lt;xs:simpleType name="Max35Text" &gt;   &lt;xs:restriction base="xs:string" &gt;     &lt;xs:minLength value="1" /&gt;     &lt;xs:maxLength value="35" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
<b>Pagination- Pagination (complex type)</b>	
<b>Description</b>	Page number and last page indicator

<b>Component elements</b>	<a href="#">PgNb</a> <a href="#">LastPgInd</a>
<b>Source</b>	<pre>&lt;xs:complexType name="Pagination" &gt;   &lt;xs:sequence &gt;     &lt;xs:element name="PgNb" type="Max5Int" /&gt;     &lt;xs:element name="LastPgInd" type="YesNoIndicator" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
<b>Pagination/PgNb- Page number (element)</b>	
<b>Description</b>	Page number
<b>Type</b>	<a href="#">Max5Int</a>
<b>Source</b>	<pre>&lt;xs:element name="PgNb" type="Max5Int" /&gt;</pre>
<b>Pagination/LastPgInd- Last page indicator (element)</b>	
<b>Description</b>	Last page indicator
<b>Type</b>	<a href="#">YesNoIndicator</a>
<b>Source</b>	<pre>&lt;xs:element name="LastPgInd" type="YesNoIndicator" /&gt;</pre>
<b>TradeDetails- Trade details (complex type)</b>	
<b>Description</b>	Trade details
<b>Component elements</b>	<a href="#">CCPTradId</a> <a href="#">CMDealId</a> {0,1} <a href="#">Ccy</a> <a href="#">Prdct</a> <a href="#">Nmnl</a> <a href="#">TradDt</a> <a href="#">MtrtyDt</a> <a href="#">CFDtls</a> {1,unbounded}
<b>Source</b>	<pre>&lt;xs:complexType name="TradeDetails" &gt;   &lt;xs:sequence &gt;     &lt;xs:element name="CCPTradId" type="Max16Text" /&gt;     &lt;xs:element name="CMDealId" type="Max16Text" minOccurs="0" /&gt;     &lt;xs:element name="Ccy" type="CurrencyCode" /&gt;     &lt;xs:element name="Prdct" type="Max16Text" /&gt;     &lt;xs:element name="Nmnl" type="Amount" /&gt;     &lt;xs:element name="TradDt" type="ISODate" /&gt;     &lt;xs:element name="MtrtyDt" type="ISODate" /&gt;     &lt;xs:element name="CFDtls" type="CashFlowDetails" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
<b>TradeDetails/CCPTradId- KDPW_CCP trade identifier (element)</b>	
<b>Description</b>	KDPW_CCP trade identifier
<b>Type</b>	<a href="#">Max16Text</a>
<b>Source</b>	<pre>&lt;xs:element name="CCPTradId" type="Max16Text" /&gt;</pre>
<b>TradeDetails/CMDealId- Confirmation platform deal identifier (element)</b>	

<b>Description</b>	Confirmation platform deal identifier
<b>Type</b>	<a href="#">Max16Text</a>
<b>Source</b>	<xs:element name="CMDealId" type="Max16Text" minOccurs="0" />
<b>TradeDetails/Ccy- Currency (element)</b>	
<b>Description</b>	Currency
<b>Type</b>	<a href="#">CurrencyCode</a>
<b>Source</b>	<xs:element name="Ccy" type="CurrencyCode" />
<b>TradeDetails/Prdct- Product (element)</b>	
<b>Description</b>	Product
<b>Type</b>	<a href="#">Max16Text</a>
<b>Source</b>	<xs:element name="Prdct" type="Max16Text" />
<b>TradeDetails/Nmnl- Nominal (element)</b>	
<b>Description</b>	Nominal
<b>Type</b>	<a href="#">Amount</a>
<b>Source</b>	<xs:element name="Nmnl" type="Amount" />
<b>TradeDetails/TradDt- Trade date (element)</b>	
<b>Description</b>	Trade date
<b>Type</b>	<a href="#">ISODate</a>
<b>Source</b>	<xs:element name="TradDt" type="ISODate" />
<b>TradeDetails/MtrtyDt- Maturity date (element)</b>	
<b>Description</b>	Maturity date
<b>Type</b>	<a href="#">ISODate</a>
<b>Source</b>	<xs:element name="MtrtyDt" type="ISODate" />
<b>TradeDetails/CFDtls- Cash flow details (element)</b>	
<b>Description</b>	Cash flow details
<b>Type</b>	<a href="#">CashFlowDetails</a>
<b>Source</b>	<xs:element name="CFDtls" type="CashFlowDetails" maxOccurs="unbounded" />
<b>SignedAmount- Amount (simple type)</b>	
<b>Description</b>	Amount
<b>Type</b>	Derivative of type: xs:decimal
<b>Format</b>	Max. value=1000000000000 Number of decimal places=12 Number of characters=24
<b>Source</b>	<xs:simpleType name="SignedAmount" > <xs:restriction base="xs:decimal" >

	<pre> &lt;xs:maxExclusive value="1000000000000" /&gt; &lt;xs:fractionDigits value="12" /&gt; &lt;xs:totalDigits value="24" /&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
<b>StatementForAccount- Statement for PA account (complex type)</b>	
<b>Description</b>	Statement for PA account
<b>Component elements</b>	<a href="#">PAAcct</a> <a href="#">Trad</a> {0,unbounded}
<b>Source</b>	<pre> &lt;xs:complexType name="StatementForAccount" &gt;   &lt;xs:sequence &gt;     &lt;xs:element name="PAAcct" type="Max35Text" /&gt;     &lt;xs:element name="Trad" type="TradeDetails" minOccurs="0" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
<b>StatementForAccount/PAAcct- PA account identifier where transactions are registered (element)</b>	
<b>Description</b>	PA account identifier where transactions are registered
<b>Type</b>	<a href="#">Max35Text</a>
<b>Source</b>	<pre>&lt;xs:element name="PAAcct" type="Max35Text" /&gt;</pre>
<b>StatementForAccount/Trad- Trade (element)</b>	
<b>Description</b>	Trade
<b>Type</b>	<a href="#">TradeDetails</a>
<b>Source</b>	<pre>&lt;xs:element name="Trad" type="TradeDetails" minOccurs="0" maxOccurs="unbounded" /&gt;</pre>
<b>YesNoIndicator- Yes/No indicator (simple type)</b>	
<b>Description</b>	Yes/No indicator
<b>Type</b>	Derivative of type: xs:string
<b>Format</b>	<b>CodeDescription</b> Y True (yes) N False (no)
<b>Source</b>	<pre> &lt;xs:simpleType name="YesNoIndicator" &gt;   &lt;xs:restriction base="xs:string" &gt;     &lt;xs:enumeration value="Y" /&gt;     &lt;xs:enumeration value="N" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
<b>otcc.npv.001.01- NPV per Leg report (complex type)</b>	
<b>Description</b>	NPV per Leg report
<b>Component elements</b>	<a href="#">Pgntn</a> <a href="#">GnlInf</a>

	<u>StmtForAcct</u> {0,unbounded}
<b>Source</b>	<pre> &lt;xs:complexType name="otcc.npv.001.01" &gt;   &lt;xs:sequence &gt;     &lt;xs:element name="Pgntn" type="Pagination" /&gt;     &lt;xs:element name="GnlInf" type="GeneralInformation" /&gt;     &lt;xs:element name="StmtForAcct" type="StatementForAccount" minOccurs="0" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
<b>otcc.npv.001.01/Pgntn- Pagination (element)</b>	
<b>Description</b>	Page number and last page indicator
<b>Type</b>	<u>Pagination</u>
<b>Source</b>	<pre>&lt;xs:element name="Pgntn" type="Pagination" /&gt;</pre>
<b>otcc.npv.001.01/GnlInf- General information (element)</b>	
<b>Description</b>	General information
<b>Type</b>	<u>GeneralInformation</u>
<b>Source</b>	<pre>&lt;xs:element name="GnlInf" type="GeneralInformation" /&gt;</pre>
<b>otcc.npv.001.01/StmtForAcct- Statement for PA account (element)</b>	
<b>Description</b>	Statement for PA account
<b>Type</b>	<u>StatementForAccount</u>
<b>Source</b>	<pre>&lt;xs:element name="StmtForAcct" type="StatementForAccount" minOccurs="0" maxOccurs="unbounded" /&gt;</pre>