

## Message structure: OTC response (otcd.rsi.001.01)

### Description:

OTC message response.

### Structure:

No.	Or	< XML Tag >	Name	Multiplicity	Type
0		<u>KDPWDocument</u>	KDPW system message	[1..1]	<u>KDPWDocument</u>
0.1		<u>otcd.rsi.001.01</u>	OTC response	[1..n]	<u>otcd.rsi.001.01</u>
1		<u>GnlInf</u>	General information	[1..1]	<u>GeneralInformation</u>
1.1		<u>SndrMsgRef</u>	Sender message reference	[1..1]	<u>Max16Text</u>
1.2		<u>FuncOfMsg</u>	Function of message	[1..1]	<u>FunctionOfMessage</u>
1.3		<u>CreDtTm</u>	Creation date and time	[0..1]	<u>DateAndDateTimeChoice</u>
1.3.1	{ or	<u>Dt</u>	Date	[1..1]	<u>ISODate</u>
1.3.2	or }	<u>DtTm</u>	Date and time	[1..1]	<u>ISODateTime</u>
1.4		<u>Lnk</u>	Linkages	[0..1]	<u>Linkages</u>
1.4.1		<u>RltdRef</u>	Related reference	[0..1]	<u>Max16Text</u>
2		<u>MsgData</u>	Message data	[1..1]	<u>MessageData</u>
2.1		<u>Status</u>	Identifier	[1..1]	<u>Code4Text</u>
2.2		<u>Errors</u>	Errors	[0..1]	xs:anyType
2.3		<u>Content</u>	Content	[0..1]	xs:anyType

### Message component elements:

<b>KDPWDocument- KDPW system message (element)</b>	
<b>Description</b>	KDPW system message
<b>Type</b>	<u>KDPWDocument</u>
<b>Source</b>	<xs:element name="KDPWDocument" type="KDPWDocument" />
<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>FunctionOfMessage- Function of message (simple type)</b>					
<b>Description</b>	Function of message				
<b>Type</b>	Derivative of type: xs:string				
<b>Format</b>	<table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>NEWM</td> <td>New message</td> </tr> </tbody> </table>	Code	Description	NEWM	New message
Code	Description				
NEWM	New 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>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>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>Max16Text- Text (simple type)</b>	
<b>Description</b>	Maximum 16 characters text
<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>otcd.rsi.001.01- OTC instruction (complex type)</b>	
<b>Description</b>	OTC instruction
<b>Component elements</b>	<a href="#">GnlInf</a> <a href="#">MsgData</a>
<b>Source</b>	<pre>&lt;xs:complexType name="otcd.rsi.001.01" &gt;   &lt;xs:sequence &gt;     &lt;xs:element name="GnlInf" type="GeneralInformation" /&gt;     &lt;xs:element name="MsgData" type="MessageData" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
<b>otcd.rsi.001.01/GnlInf- General information (element)</b>	
<b>Description</b>	General information
<b>Type</b>	<a href="#">GeneralInformation</a>
<b>Source</b>	<pre>&lt;xs:element name="GnlInf" type="GeneralInformation" /&gt;</pre>
<b>otcd.rsi.001.01/MsgData- OTC message data (element)</b>	
<b>Description</b>	OTC message data
<b>Type</b>	<a href="#">MessageData</a>

<b>Source</b>	<code>&lt;xs:element name="MsgData" type="MessageData" /&gt;</code>		
<b>KDPWDocument- KDPW system message (complex type)</b>			
<b>Description</b>	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>
<b>Component elements</b>	<a href="#">otcd.rsi.001.01</a> {1,unbounded}		
<b>Source</b>	<pre> &lt;xs:complexType name="KDPWDocument" &gt;   &lt;xs:sequence &gt;     &lt;xs:element name="otcd.rsi.001.01" type="otcd.rsi.001.01" maxOccurs="unbounded" /&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/otcd.rsi.001.01- OTC response (element)</b>			
<b>Description</b>	OTC response		
<b>Type</b>	<a href="#">otcd.rsi.001.01</a>		
<b>Source</b>	<code>&lt;xs:element name="otcd.rsi.001.01" type="otcd.rsi.001.01" maxOccurs="unbounded" /&gt;</code>		
<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="#">Lnk</a> {0,1}		
<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="Lnk" type="Linkages" minOccurs="0" /&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>	<code>&lt;xs:element name="SndrMsgRef" type="Max16Text" /&gt;</code>		
<b>GeneralInformation/FuncOfMsg- Function of message (element)</b>			

<b>Description</b>	Function of message
<b>Type</b>	<a href="#">FunctionOfMessage</a>
<b>Source</b>	<code>&lt;xs:element name="FuncOfMsg" type="FunctionOfMessage" /&gt;</code>
<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>	<code>&lt;xs:element name="CreDtTm" type="DateAndDateTimeChoice" minOccurs="0" /&gt;</code>
<b>GeneralInformation/Lnk- Linkages (element)</b>	
<b>Description</b>	Linkages
<b>Type</b>	<a href="#">Linkages</a>
<b>Source</b>	<code>&lt;xs:element name="Lnk" type="Linkages" minOccurs="0" /&gt;</code>
<b>Linkages- Linkages (complex type)</b>	
<b>Description</b>	Linkages
<b>Component elements</b>	<a href="#">RltdRef</a> {0,1}
<b>Source</b>	<code>&lt;xs:complexType name="Linkages" &gt;  &lt;xs:sequence &gt;  &lt;xs:element name="RltdRef" type="Max16Text" minOccurs="0" /&gt;  &lt;/xs:sequence&gt;  &lt;/xs:complexType&gt;</code>
<b>Linkages/RltdRef- Related reference (element)</b>	
<b>Description</b>	Related reference
<b>Type</b>	<a href="#">Max16Text</a>
<b>Source</b>	<code>&lt;xs:element name="RltdRef" type="Max16Text" minOccurs="0" /&gt;</code>
<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>	<code>&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;</code>

<b>DateAndDateTimeChoice/Dt- Date (element)</b>	
<b>Description</b>	Date
<b>Type</b>	<a href="#">ISODate</a>
<b>Source</b>	<code>&lt;xs:element name="Dt" type="ISODate" /&gt;</code>
<b>DateAndDateTimeChoice/DtTm- Date and time (element)</b>	
<b>Description</b>	Date and time
<b>Type</b>	<a href="#">ISODateTime</a>
<b>Source</b>	<code>&lt;xs:element name="DtTm" type="ISODateTime" /&gt;</code>
<b>MessageData- Message data (complex type)</b>	
<b>Description</b>	Message data
<b>Component elements</b>	<a href="#">Status</a> <a href="#">Errors</a> {0,1} <a href="#">Content</a> {0,1}
<b>Source</b>	<pre> &lt;xs:complexType name="MessageData" &gt;   &lt;xs:sequence &gt;     &lt;xs:element name="Status" type="Code4Text" /&gt;     &lt;xs:element name="Errors" type="xs:anyType" minOccurs="0" /&gt;     &lt;xs:element name="Content" type="xs:anyType" minOccurs="0" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
<b>MessageData/Status- Identifier (element)</b>	
<b>Description</b>	Sender message reference
<b>Type</b>	<a href="#">Code4Text</a>
<b>Source</b>	<code>&lt;xs:element name="Status" type="Code4Text" /&gt;</code>
<b>MessageData/Errors- Errors (element)</b>	
<b>Description</b>	OTC instruction processing errors
<b>Type</b>	xs:anyType
<b>Source</b>	<code>&lt;xs:element name="Errors" type="xs:anyType" minOccurs="0" /&gt;</code>
<b>MessageData/Content- Content (element)</b>	
<b>Description</b>	Content
<b>Type</b>	xs:anyType
<b>Source</b>	<code>&lt;xs:element name="Content" type="xs:anyType" minOccurs="0" /&gt;</code>