Message structure: Technical instruction (sese.tec.001.02)

Description:

Technical instruction to order operations including: settlement instruction cancellation, settlement instruction acceptance processing, instruction matching refusal, and to send information related to an instruction.

Structure:

No.	or	< XML Tag >	Name	Multiplicity	Type
0		**KDPWDocument**	KDPW system message	[1..1]	**KDPWDocument**
0.1		**sese.tec.001.02**	Technical instruction	[1..n]	**sese.tec.001.02**
1		**GnlInf**	General information	[1..1]	**GeneralInformation**
1.1		**SndrMsgRef**	Message reference	[1..1]	**Max16Text**
1.2		**FuncOfMsg**	Function of message	[1..1]	**FunctionOfMessage**
1.3		**OprCd**	Operation code	[1..1]	**Code4Text**
1.4		**CreDtTm**	Message creation date	[0..1]	**DateAndDateTimeChoice**
1.4.1	{ or	**Dt**	Date	[1..1]	**ISODate**
1.4.2	or }	**DtTm**	Date and time	[1..1]	**ISODateTime**
1.5		**KDPWSafAcct**	Entity account identifier	[0..1]	**Max16TextCollapse**
1.6		**Lnk**	Linkages	[0..1]	**Linkages**
1.6.1		**LnkdSndr**	Source instruction sender identifier	[1..1]	**KDPWMemberIdentifier**
1.6.2		**RltdRef**	Source instruction reference.	[1..1]	**Max16Text**
2		**OprDtls**	Operation details	[1..1]	**OperationDetails**
2.1		**OprTp**	Operation type	[1..1]	**Code4Text**
2.2		**OprDt**	Operation date	[0..1]	**ISODate**
2.3		**InstrDtls**	Settlement instruction identifier	[0..1]	**InstructionIdentifier**
2.3.1		**AcctSvcrRef**	Settlement instruction identifier assigned by KDPW	[0..1]	**Max16Text**
2.3.2		**RltdRef**	Settlement instruction identifier assigned by the sender	[0..1]	**Max16Text**
2.4		**AddtlInf**	Additional information	[0..1]	**Max140Text**

Message component elements:

KDPWDocument- **KDPW system message (element)**	
Description	KDPW system message
Type	**KDPWDocument**
Source	`<xs:element name="KDPWDocument" type="KDPWDocument" />`

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 message (simple type)**	

Description	Function of message
Type	Derivative of type: xs:string
Format	**Code Description** NEWMNew message
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** **OprCd** **CreDtTm**$\{0,1\}$ **KDPWSafAcct**$\{0,1\}$ **Lnk**$\{0,1\}$
Source	<xs:complexType name="GeneralInformation" > <xs:sequence > <xs:element name="SndrMsgRef" type="Max16Text" /> <xs:element name="FuncOfMsg" type="FunctionOfMessage" /> <xs:element name="OprCd" type="Code4Text" /> <xs:element name="CreDtTm" type="DateAndDateTimeChoice" minOccurs="0" /> <xs:element name="KDPWSafAcct" type="Max16TextCollapse" minOccurs="0" /> <xs:element name="Lnk" type="Linkages" minOccurs="0" /> </xs:sequence> </xs:complexType>

GeneralInformation/SndrMsgRef- Message reference (element)

Description	Message reference assigned by the sender
Type	**Max16Text**
Source	<xs:element name="SndrMsgRef" type="Max16Text" />

GeneralInformation/FuncOfMsg- Function of message (element)

Description	Function of message
Type	**FunctionOfMessage**
Source	<xs:element name="FuncOfMsg" type="FunctionOfMessage" />

GeneralInformation/OprCd- Operation code (element)

Description	Operation code. Allowed values: CANC-Cancel instruction; ACPT-Accept instruction; COMP-Match instruction; SETT-Hold/Release; FREE-Information message; PRTL-Partial settlement.
Type	**Code4Text**
Source	<xs:element name="OprCd" type="Code4Text" />

GeneralInformation/CreDtTm- **Message creation date** (element)	
Description	Message creation date
Type	**DateAndDateTimeChoice**
Source	<xs:element name="CreDtTm" type="DateAndDateTimeChoice" minOccurs="0" />

GeneralInformation/KDPWSafAcct- **Entity account identifier** (element)	
Description	Entity account identifier for the modified settlement instruction.
Type	**Max16TextCollapse**
Source	<xs:element name="KDPWSafAcct" type="Max16TextCollapse" minOccurs="0" />

GeneralInformation/Lnk- **Linkages** (element)	
Description	Linkages with other messages
Type	**Linkages**
Source	<xs:element name="Lnk" type="Linkages" minOccurs="0" />

InstructionIdentifier- **Settlement instruction identifier** (complex type)	
Description	Settlement instruction identifier related to by the technical instruction.
Component elements	**AcctSvcrRef**$\{0,1\}$ **RltdRef**$\{0,1\}$
Source	<xs:complexType name="InstructionIdentifier" > <xs:sequence > <xs:element name="AcctSvcrRef" type="Max16Text" minOccurs="0" /> <xs:element name="RltdRef" type="Max16Text" minOccurs="0" /> </xs:sequence> </xs:complexType>

InstructionIdentifier/AcctSvcrRef- **Settlement instruction identifier assigned by KDPW** (element)	
Description	Settlement instruction identifier related to the technical instruction, assigned by KDPW. Exactly one of the fields: AcctSvcrRef or RltdRef should be completed in technical instructions from participants.
Type	**Max16Text**
Source	<xs:element name="AcctSvcrRef" type="Max16Text" minOccurs="0" />

InstructionIdentifier/RltdRef- **Settlement instruction identifier assigned by the sender** (element)	
Description	Settlement instruction identifier related to the technical instruction, assigned by the sender. Exactly one of the fields: AcctSvcrRef or RltdRef should be completed in technical instructions from participants.
Type	**Max16Text**
Source	<xs:element name="RltdRef" type="Max16Text" minOccurs="0" />

ISINIdentifier- **ISIN code** (simple type)	
Description	Financial instrument ISIN identifier

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	**sese.tec.001.02**{1,unbounded}		

Source	<xs:complexType name="KDPWDocument" >
	  <xs:sequence >
	   <xs:element name="sese.tec.001.02" type="sese.tec.001.02" maxOccurs="unbounded" />
	  </xs:sequence>
	 < xs:attribute name="Sndr" type="KDPWMemberIdentifier" use="required" />
	 < xs:attribute name="Rcvr" type="KDPWMemberIdentifier" use="required" />		

	</xs:complexType>

KDPWDocument/sese.tec.001.02- Technical instruction (element)

Description	Technical instruction
Type	**sese.tec.001.02**
Source	<xs:element name="sese.tec.001.02" type="sese.tec.001.02" maxOccurs="unbounded" />

KDPWMemberIdentifier- KDPW Member identifier (simple type)

Description	KDPW Member identifier
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>

Linkages- Linkages (complex type)

Description	Linkages with other messages. The section is completed by KDPW where a copy of a technical instruction is provided to interested parties. It should not be completed in instructions provided by participants to KDPW.
Component elements	**LnkdSndr** **RltdRef**
Source	<xs:complexType name="Linkages" > <xs:sequence > <xs:element name="LnkdSndr" type="KDPWMemberIdentifier" /> <xs:element name="RltdRef" type="Max16Text" /> </xs:sequence> </xs:complexType>

Linkages/LnkdSndr- Source instruction sender identifier (element)

Description	Source instruction sender identifier. The field is completed by KDPW where a copy of a technical instruction is provided to interested parties.
Type	**KDPWMemberIdentifier**
Source	<xs:element name="LnkdSndr" type="KDPWMemberIdentifier" />

Linkages/RltdRef- Source instruction reference. (element)

Description	Source instruction reference. The field is completed by KDPW where a copy of a technical instruction is provided to interested parties.
Type	**Max16Text**
Source	<xs:element name="RltdRef" type="Max16Text" />

Max2Text- **Text** (simple type)	
Description	Text, maximum 2 characters
Type	Derivative of type: xs:string
Format	Min. length=1 Max. length=2

Source	`<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>`

Max4Text- **Text** (simple type)	
Description	Text, maximum 4 characters
Type	Derivative of type: xs:string
Format	Min. length=1 Max. length=4

Source	`<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>`

Max16Text- **Text** (simple type)	
Description	Text, maximum 16 characters
Type	Derivative of type: xs:string
Format	Min. length=1 Max. length=16

Source	`<xs:simpleType name="Max16Text" >`
	 `  <xs:restriction base="xs:string" >`
	 `    <xs:minLength value="1" />`
	 `    <xs:maxLength value="16" />`
	 `  </xs:restriction>`
	 `</xs:simpleType>`

Max16TextCollapse- **Text** (simple type)	
Description	Text, maximum 16 characters
Type	Derivative of type: xs:string

Format	Min. length=1 Max. length=16

Source	`<xs:simpleType name="Max16TextCollapse" >`
	  `<xs:restriction base="xs:string" >`
	   `<xs:whiteSpace value="collapse" />`
	   `<xs:minLength value="1" />`
	   `<xs:maxLength value="16" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

Max140Text- Text (simple type)

Description	Text, maximum 140 characters
Type	Derivative of type: xs:string
Format	Min. length=1 Max. length=140

Source	`<xs:simpleType name="Max140Text" >`
	  `<xs:restriction base="xs:string" >`
	   `<xs:minLength value="1" />`
	   `<xs:maxLength value="140" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

OperationDetails- Operation details (complex type)

Description	Operation details
Component elements	**OprTp** **OprDt**$\{0,1\}$ **InstrDtls**$\{0,1\}$ **AddtlInf**$\{0,1\}$

Source	`<xs:complexType name="OperationDetails" >`
	  `<xs:sequence >`
	   `<xs:element name="OprTp" type="Code4Text" />`
	   `<xs:element name="OprDt" type="ISODate" minOccurs="0" />`
	   `<xs:element name="InstrDtls" type="InstructionIdentifier" minOccurs="0" />`
	   `<xs:element name="AddtlInf" type="Max140Text" minOccurs="0" />`
	  `</xs:sequence>`
	`</xs:complexType>`

OperationDetails/OprTp- Operation type (element)

Description	Operation type. Allowed values: NEWO-New operation; CANC-Cancel operation; DENY-Operation denied. Allowed values for operation code SETT: YPRE-Release instruction for settlement (Release); NPRE-Hold instruction settlement (Hold). Allowed values for operation code PRTL: PART-Partial settlement allowed; NPAR-Partial settlement not allowed.
Type	**Code4Text**
Source	`<xs:element name="OprTp" type="Code4Text" />`

OperationDetails/OprDt- **Operation date** (element)	
Description	Instruction execution date
Type	**ISODate**
Source	<xs:element name="OprDt" type="ISODate" minOccurs="0" />

OperationDetails/InstrDtls- **Settlement instruction identifier** (element)	
Description	Settlement instruction identifier
Type	**InstructionIdentifier**
Source	<xs:element name="InstrDtls" type="InstructionIdentifier" minOccurs="0" />

OperationDetails/AddtlInf- **Additional information** (element)	
Description	Additional information
Type	**Max140Text**
Source	<xs:element name="AddtlInf" type="Max140Text" minOccurs="0" />

YesNoIndicator- **Yes/No indicator** (simple type)	
Description	Yes/No indicator
Type	Derivative of type: xs:string
Format	**CodeDescription** 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>

sese.tec.001.02- **Technical instruction** (complex type)	
Description	Technical instruction
Component elements	**GnlInf** **OprDtls**
Source	<xs:complexType name="sese.tec.001.02" > <xs:sequence > <xs:element name="GnlInf" type="GeneralInformation" /> <xs:element name="OprDtls" type="OperationDetails" /> </xs:sequence> </xs:complexType>

sese.tec.001.02/GnlInf- **General information** (element)	
Description	General information
Type	**GeneralInformation**

Source	`<xs:element name="GnlInf" type="GeneralInformation" />`
sese.tec.001.02/OprDtls- Operation details (element)	
Description	Operation details
Type	**OperationDetails**
Source	`<xs:element name="OprDtls" type="OperationDetails" />`