Message structure: Benefit amount statement (colr.sm2.001.01)

Description:

Statement of the amount of benefits due to the participant and its clients by PB account (NKK). Message sent by KDPW_CCP.

Structure:

No.	Or	< XML Tag >	Name	Multiplicity	Type
0		KDPWDocument	KDPW system message	[1..1]	KDPWDocument
0.1		colr.sm2.001.01	Benefit amount statement	[1..n]	colr.sm2.001.01
1		GnlInf	General information	[1..1]	GeneralInformation
1.1		SndrMsgRef	Sender message reference	[1..1]	Max16Text
1.2		FuncOfMsg	Function of message	[1..1]	FunctionOfMessage
1.3		CreDtTm	Creation date and time	[0..1]	DateAndDateTimeChoice
1.3.1	{ or	Dt	Data	[1..1]	ISODate
1.3.2	or }	DtTm	Date and time	[1..1]	ISODateTime
1.4		StmtDt	Statement date	[1..1]	ISODate
2		StmtForAcct	Statement for account	[1..n]	StatementForAccount
2.1		MmbId	Member identifier	[0..1]	KDPWMemberIdentifier
2.2		OwnrTp	Owner type	[0..1]	Max1Text
2.3		MmbTp	Member type	[0..1]	Max2Text
2.4		ReprAgrmntId	Representation agreement identifier	[0..1]	Max2Text
2.5		ClntTp	Client classification number (NKK)	[0..1]	Max8Text
2.6		BnftDtls	Benefit details	[1..n]	BenefitDetails
2.6.1		BalTp	Balance type	[1..1]	Code4Text
2.6.2		ClctdAmt	Collected amount	[1..1]	CurrencyAndAmount
2.6.3		BnftAmt	Benefit amount	[1..1]	CurrencyAndAmount

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. value=0 Number of decimal points=2 Number of characters=14
Source	<xs:simpleType name="Amount" > <xs:restriction base="xs:decimal" > <xs:minInclusive value="0" /> <xs:fractionDigits value="2" /> <xs:totalDigits value="14" /> </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>

BenefitDetails- **Benefit details** (complex type)

Description	Benefit details
Component elements	**BalTp** **ClctdAmt** **BnftAmt**
Source	<xs:complexType name="BenefitDetails" > <xs:sequence > <xs:element name="BalTp" type="Code4Text" /> <xs:element name="ClctdAmt" type="CurrencyAndAmount" /> <xs:element name="BnftAmt" type="CurrencyAndAmount" />

	</xs:sequence> </xs:complexType>

BenefitDetails/BalTp- Balance type (element)

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

BenefitDetails/ClctdAmt- Collected amount (element)

Description	Collected amount
Type	**CurrencyAndAmount**
Source	<xs:element name="ClctdAmt" type="CurrencyAndAmount" />

BenefitDetails/BnftAmt- Benefit amount (element)

Description	Benefit amount
Type	**CurrencyAndAmount**
Source	<xs:element name="BnftAmt" type="CurrencyAndAmount" />

CurrencyAndAmount- Currency and amount (complex type)

Description	Currency and amount
Type	Derivative of type: **Amount**
Attributes	**Name** **Description** **Type** Ccy Currency code **CurrencyCode**
Source	<xs:complexType name="CurrencyAndAmount" > <xs:simpleContent> <xs:extension base="Amount" > < xs:attribute name="Ccy" type="CurrencyCode" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType>

CurrencyCode- Currency code (simple type)

Description	Currency code
Type	Derivative of type: xs:string
Format	xs:pattern=[A-Z]{3,3}
Source	<xs:simpleType name="CurrencyCode" > <xs:restriction base="xs:string" > <xs:pattern value="[A-Z]{3,3}" /> </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** **CreDtTm** {0,1} **StmtDt**

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:element name="StmtDt" type="ISODate" />`
`</xs:sequence>`
`</xs:complexType>` |

GeneralInformation/SndrMsgRef- Sender message reference (element)

Description	Message reference
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/CreDtTm- Creation date and time (element)

Description	Creation date and time
Type	**DateAndDateTimeChoice**
Source	`<xs:element name="CreDtTm" type="DateAndDateTimeChoice" minOccurs="0" />`

GeneralInformation/StmtDt- Statement date (element)

Description	Statement date
Type	**ISODate**
Source	`<xs:element name="StmtDt" type="ISODate" />`

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	**colr.sm2.001.01** {1,unbounded}

Source	`<xs:complexType name="KDPWDocument" >`
	  `<xs:sequence >`
	    `<xs:element name="colr.sm2.001.01" type="colr.sm2.001.01"`
	`maxOccurs="unbounded" />`
	   `</xs:sequence>`
	 `< xs:attribute name="Sndr" type="KDPWMemberIdentifier" use="required" />`
	 `< xs:attribute name="Rcvr" type="KDPWMemberIdentifier" use="required" />`
	`</xs:complexType>`

KDPWDocument/colr.sm2.001.01- Benefit amount statement (element)

Description	Benefit amount statement
Type	**colr.sm2.001.01**
Source	`<xs:element name="colr.sm2.001.01" type="colr.sm2.001.01"` `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>`

Max14Int- Integer (simple type)

Description	Integer, maximum length 14 digits
Type	Derivative of type: xs:integer

Format	Number of characters=14 Min. value=0

Source	```xml
	<xs:simpleType name="Max14Int" >
	  <xs:restriction base="xs:integer" >
	    <xs:totalDigits value="14" />
	    <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	```xml
	<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
Format	Min. length=1 Max. length=2

Source	```xml
	<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>
	``

Max8Text- Text (simple type)

Description	Text, maximum length 8 characters
Type	Derivative of type: xs:string
Format	Min. length=1 Max. length=8

Source	`<xs:simpleType name="Max8Text" >`
	  `<xs:restriction base="xs:string" >`
	    `<xs:whiteSpace value="collapse" />`
	    `<xs:minLength value="1" />`
	    `<xs:maxLength value="8" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

Max16Text- Text (simple type)

Description	Text, maximum length 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>`

StatementForAccount- Statement for account (complex type)

Description	Statement for account
Component elements	**MmbId**{0,1} **OwnrTp**{0,1} **MmbTp**{0,1} **ReprAgrmntId**{0,1} **ClntTp**{0,1} **BnftDtls**{1,unbounded}

Source	`<xs:complexType name="StatementForAccount" >`
	  `<xs:sequence >`
	    `<xs:element name="MmbId" type="KDPWMemberIdentifier" minOccurs="0" />`
	    `<xs:element name="OwnrTp" type="Max1Text" minOccurs="0" />`
	    `<xs:element name="MmbTp" type="Max2Text" minOccurs="0" />`
	    `<xs:element name="ReprAgrmntId" type="Max2Text" minOccurs="0" />`
	    `<xs:element name="ClntTp" type="Max8Text" minOccurs="0" />`
	    `<xs:element name="BnftDtls" type="BenefitDetails" maxOccurs="unbounded" />`
	  `</xs:sequence>`
	`</xs:complexType>`

StatementForAccount/MmbId- Member identifier (element)

Description	Member identifier
Type	**KDPWMemberIdentifier**
Source	`<xs:element name="MmbId" type="KDPWMemberIdentifier" minOccurs="0" />`

StatementForAccount/OwnrTp- **Owner type** (element)	
Description	Owner type, e.g., proprietary securities, clients' securities, securities account
Type	**Max1Text**
Source	\<xs:element name="OwnrTp" type="Max1Text" minOccurs="0" />

StatementForAccount/MmbTp- **Member type** (element)	
Description	Member type
Type	**Max2Text**
Source	\<xs:element name="MmbTp" type="Max2Text" minOccurs="0" />

StatementForAccount/ReprAgrmntId- **Representation agreement identifier** (element)	
Description	Representation agreement identifier
Type	**Max2Text**
Source	\<xs:element name="ReprAgrmntId" type="Max2Text" minOccurs="0" />

StatementForAccount/ClntTp- **Client classification number (NKK)** (element)	
Description	Client classification number (NKK)
Type	**Max8Text**
Source	\<xs:element name="ClntTp" type="Max8Text" minOccurs="0" />

StatementForAccount/BnftDtls- **Benefit details** (element)	
Description	Benefit details
Type	**BenefitDetails**
Source	\<xs:element name="BnftDtls" type="BenefitDetails" maxOccurs="unbounded" />

colr.sm2.001.01- **Benefit amount statement** (complex type)	
Description	Benefit amount statement
Component elements	**GnlInf** **StmtForAcct** {1,unbounded}

Source	\<xs:complexType name="colr.sm2.001.01" >
	   \<xs:sequence >
	     \<xs:element name="GnlInf" type="GeneralInformation" />
	     \<xs:element name="StmtForAcct" type="StatementForAccount" maxOccurs="unbounded" />
	   \</xs:sequence>
	 \</xs:complexType>

colr.sm2.001.01/GnlInf- **General information** (element)	
Description	General information
Type	**GeneralInformation**

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

colr.sm2.001.01/StmtForAcct- Statement for account (element)	
Description	Statement for account
Type	**StatementForAccount**
Source	`<xs:element name="StmtForAcct" type="StatementForAccount" maxOccurs="unbounded" />`