

# kdpw\_stream

## Message structure: Block message acknowledgement (acmt.bls.001.02)

Description:

Message to notify receivers of executed block/unblock instructions.

Structure:

No.	or	< XML Tag >	Name	Multiplicity	Type
0			<a href="#">KDPWDocument</a>	[1..1]	<a href="#">KDPWDocument</a>
0.1			<a href="#">acmt.bls.001.02</a>	[1..n]	<a href="#">acmt.bls.001.02</a>
1			<a href="#">GnlInf</a>	[1..1]	<a href="#">GeneralInformation</a>
1.1			<a href="#">SndrMsgRef</a>	[1..1]	<a href="#">Max16Text</a>
1.2			<a href="#">FuncOfMsg</a>	[1..1]	<a href="#">FunctionOfMessage</a>
1.3			<a href="#">CreDtTm</a>	[0..1]	<a href="#">DateAndDateTimeChoice</a>
1.3.1	{ lub Dt		<a href="#">Date</a>	[1..1]	<a href="#">ISODate</a>
1.3.2	lub }		<a href="#">DtTm</a>	[1..1]	<a href="#">ISODateTime</a>
1.4			<a href="#">Lnk</a>	[0..1]	<a href="#">Linkages</a>
1.4.1			<a href="#">RltdRef</a>	[0..1]	<a href="#">Max16Text</a>
2			<a href="#">BlckDtls</a>	[1..1]	<a href="#">BlockDetails</a>
2.1			<a href="#">MktSgmtCd</a>	[1..1]	<a href="#">MarketSegmentCode</a>
2.2			<a href="#">TrdgMmbld</a>	[1..1]	<a href="#">KDPWMemberIdentifier</a>
3			<a href="#">StsCd</a>	[1..1]	<a href="#">Max4Text</a>

Message component elements:

### **KDPWDocument- KDPW system message (element)**

**Description** KDPW system message

**Type** [KDPWDocument](#)

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

### **BlockDetails- Block details (complex type)**

**Description** Block details

**Component elements**

[MktSgmtCd](#)

[TrdgMmbld](#)

**Source** <xs:complexType name="BlockDetails" >

<xs:sequence >

<xs:element name="MktSgmtCd" type="MarketSegmentCode" />

<xs:element name="TrdgMmbld" type="KDPWMemberIdentifier" />

</xs:sequence>

</xs:complexType>

### **BlockDetails/MktSgmtCd- Market segment code (element)**

**Description** Market segment code. Allowed values: GK-cash main market, cash ATS GT-derivative market

**Type** [MarketSegmentCode](#)

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

### **BlockDetails/TrdgMmbld- Trading member identifier (element)**

**Description** Trading member / broker identifier

**Type** [KDPWMemberIdentifier](#)

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

### **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- Data (element)**

**Description** Data

**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**

NEWM New block message

CANC Cancellation of a block

**Source** <xs:simpleType name="FunctionOfMessage" >

```
<xs:restriction base="xs:string" >
<xs:enumeration value="NEWM" />
<xs:enumeration value="CANC" />
</xs:restriction>
</xs:simpleType>
```

### **GeneralInformation- General information (complex type)**

**Description** General information

**Component elements**

[SndrMsgRef](#)

[FuncOfMsg](#)

[CreDtTm](#){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="CreDtTm" type="DateAndDateTimeChoice" minOccurs="0" />  
<xs:element name="Lnk" type="Linkages" minOccurs="0" />  
</xs:sequence>  
</xs:complexType>

### **GeneralInformation/SndrMsgRef- Message identifier (element)**

**Description** Sender message identifier

**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- Message creation date (element)**

**Description** Message creation date

**Type** [DateAndDateTimeChoice](#)

**Source** <xs:element name="CreDtTm" type="DateAndDateTimeChoice" minOccurs="0" />

### **GeneralInformation/Lnk- References (element)**

**Description** Linkages to other messages

**Type** [Linkages](#)

**Source** <xs:element name="Lnk" type="Linkages" minOccurs="0" />

### **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

**Attributes Name Description Type**

Sndr Sender [KDPWMemberIdentifier](#)

Rcvr Receiver [KDPWMemberIdentifier](#)

**Component elements**

[acmt.bls.001.02](#){1,unbounded}

**Source** <xs:complexType name="KDPWDocument" >

<xs:sequence >

<xs:element name="acmt.bls.001.02" type="acmt.bls.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/acmt.bls.001.02- Block message acknowledgement (element)**

**Description** Block message acknowledgement

**Type** [acmt.bls.001.02](#)

**Source** <xs:element name="acmt.bls.001.02" type="acmt.bls.001.02" maxOccurs="unbounded" />

**KDPWMemberIdentifier- KDPW member identifier (simple type)**

**Description** KDPW message 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- References (complex type)**

**Description** Linkages to other messages

**Component elements**

[RltdRef](#){0,1}

**Source** <xs:complexType name="Linkages" >

<xs:sequence >

<xs:element name="RltdRef" type="Max16Text" minOccurs="0" />

</xs:sequence>

</xs:complexType>

**Linkages/RltdRef- Block instruction identifier (element)**

**Description** Block instruction identifier

**Type** [Max16Text](#)

**Source** <xs:element name="RltdRef" type="Max16Text" minOccurs="0" />

**MarketSegmentCode- Market segment code (simple type)**

**Description** Market segment code

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

**Format** Min. length=1

Max. length=2

**Source** <xs:simpleType name="MarketSegmentCode" >

<xs:restriction base="xs:string" >

<xs:whiteSpace value="collapse" />

<xs:minLength value="1" />

<xs:maxLength value="2" />

</xs:restriction>

</xs:simpleType>

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

**Description** Maximum 1 character text

**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** Maximum 2 characters text

**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** Maximum 4 characters text

**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** Maximum 16 characters text

**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** Maximum 16 characters text

**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>

## **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>

## **acmt.bls.001.02- Block message acknowledgement (complex type)**

**Description** Block message acknowledgement

**Component elements**

[GnlInf](#)

[BlckDtls](#)

[StsCd](#)

**Source** <xs:complexType name="acmt.bls.001.02" >

<xs:sequence >

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

<xs:element name="BlckDtls" type="BlockDetails" />

<xs:element name="StsCd" type="Max4Text" />

</xs:sequence>

</xs:complexType>

## **acmt.bls.001.02/GnlInf- General information (element)**

**Description** General information

**Type** [GeneralInformation](#)

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

## **acmt.bls.001.02/BlckDtls- Block details (element)**

**Description** Block details

**Type** [BlockDetails](#)

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

## **acmt.bls.001.02/StsCd- Message processing status (element)**

**Description** Message processing status. Allowed values: 00 – correctly executed order, 02 – market segment id error, 07 – exchange member id error, 10 - no authority to block exchange member in market segment, 11 - block cancellation message sent for non-existing block, 12 – block message sent for active block, 99 – other error

**Type** [Max4Text](#)

**Source** <xs:element name="StsCd" type="Max4Text" />