Message Implementation Guideline

ReceivingAdvice XML

Model: ReceivingAdvice
Version: GS1 BMB 3.1
Variant: 3
Issue date: 03.04.2019
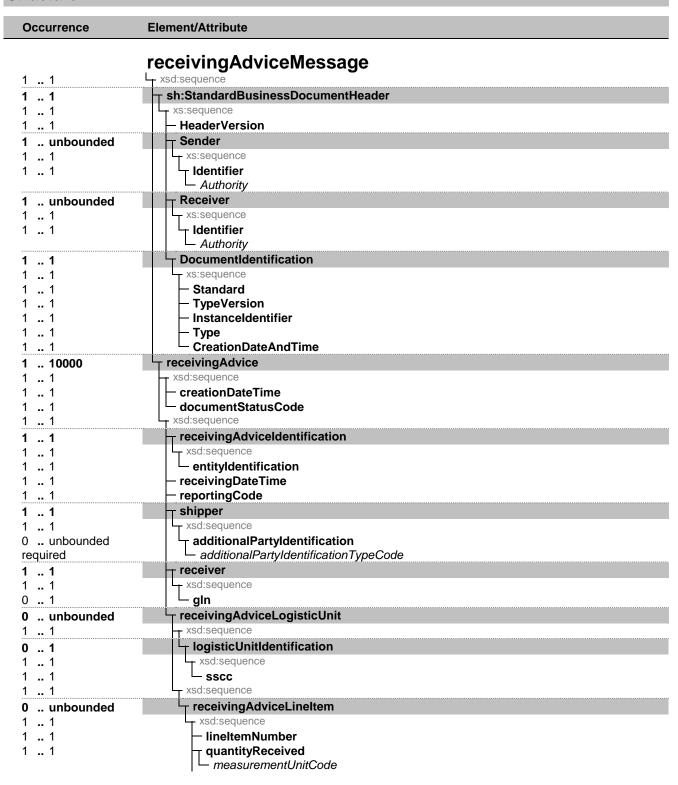Author: Vidar Thoresen

Change log ReceivingAdvice

Date	Variant	Comments
14.04.2019	3	Merged GS1 3.1 for Axia and Nyce systems

Structure

Occurrence	Element/Attribute

receivingAdviceMessage

Occurrence	Element/Attribute
1 .. 1	└ xsd:sequence
1 .. 1	**sh:StandardBusinessDocumentHeader**
1 .. 1	└ xs:sequence
1 .. 1	**HeaderVersion**
1 .. unbounded	**Sender**
1 .. 1	└ xs:sequence
1 .. 1	**Identifier**
	└ *Authority*
1 .. unbounded	**Receiver**
1 .. 1	└ xs:sequence
1 .. 1	**Identifier**
	└ *Authority*
1 .. 1	**DocumentIdentification**
1 .. 1	└ xs:sequence
1 .. 1	**Standard**
1 .. 1	**TypeVersion**
1 .. 1	**InstanceIdentifier**
1 .. 1	**Type**
1 .. 1	**CreationDateAndTime**
1 .. 10000	**receivingAdvice**
1 .. 1	└ xsd:sequence
1 .. 1	**creationDateTime**
1 .. 1	**documentStatusCode**
1 .. 1	└ xsd:sequence
1 .. 1	**receivingAdviceIdentification**
1 .. 1	└ xsd:sequence
1 .. 1	└ **entityIdentification**
1 .. 1	**receivingDateTime**
1 .. 1	**reportingCode**
1 .. 1	**shipper**
1 .. 1	└ xsd:sequence
0 .. unbounded	**additionalPartyIdentification**
required	└ *additionalPartyIdentificationTypeCode*
1 .. 1	**receiver**
1 .. 1	└ xsd:sequence
0 .. 1	└ **gln**
0 .. unbounded	**receivingAdviceLogisticUnit**
1 .. 1	└ xsd:sequence
0 .. 1	**logisticUnitIdentification**
1 .. 1	└ xsd:sequence
1 .. 1	└ **sscc**
1 .. 1	└ xsd:sequence
0 .. unbounded	**receivingAdviceLineItem**
1 .. 1	└ xsd:sequence
1 .. 1	**lineItemNumber**
1 .. 1	**quantityReceived**
	└ *measurementUnitCode*

Bold = Simple Element, Bold on grey background = Complex Element, Italic = Attribute, Grey = Group

Occurrence	Element/Attribute
1 .. 1	**quantityAccepted**
	measurementUnitCode
1 .. 1	**transactionalTradeItem**
1 .. 1	xsd:sequence
1 .. 1	**gtin**
0 .. unbounded	**additionalTradeItemIdentification**
required	*additionalTradeItemIdentificationTypeCode*
1 .. 1	xsd:sequence
0 .. unbounded	**transactionalItemData**
1 .. 1	xsd:sequence
0 .. 1	**batchNumber**
0 .. 1	**bestBeforeDate**
0 .. 1	**customerReference**
1 .. 1	xsd:sequence
1 .. 1	**entityIdentification**
0 .. unbounded	**receivingConditionInformation**
1 .. 1	xsd:sequence
1 .. 1	**receivingConditionCode**
1 .. 1	**receivingConditionQuantity**

Guideline

Element/Attribute	Annotation	
receivingAdviceMessage	Type	receiving_advice:ReceivingAdviceMessageType
└ xsd:sequence	Occurence	1 .. 1
sh:StandardBusinessDocumentHeader	Occurence	1 .. 1
	Type	sh:StandardBusinessDocumentHeader
xs:sequence	Occurence	1 .. 1
HeaderVersion	Occurence	1 .. 1
	Type	xsd:string
	Example	**3.1**
Sender	Occurence	1 .. unbounded
	Type	sh:Partner
xs:sequence	Occurence	1 .. 1
Identifier	Occurence	1 .. 1
	Type	sh:PartnerIdentification
	Remark	**GLN for sender of the message**
	Example	**7080000950171**
Authority	Type	xsd:string
	Example	**14**
	Applicable Codes	
	14	EAN International
Receiver	Occurence	1 .. unbounded
	Type	sh:Partner
xs:sequence	Occurence	1 .. 1
Identifier	Occurence	1 .. 1
	Type	sh:PartnerIdentification
	Remark	**Client Id for receiver**
	Example	**12345**
Authority	Type	xsd:string
	Example	**ZZ**
	Applicable Codes	
	14	EAN International
	ZZ	Mutually defined
DocumentIdentification	Occurence	1 .. 1
	Type	sh:DocumentIdentification
xs:sequence	Occurence	1 .. 1
Standard	Occurence	1 .. 1
	Type	xsd:string
	Example	**GS1 BMS**
TypeVersion	Occurence	1 .. 1
	Type	xsd:string
	Example	**3.1**
InstanceIdentifier	Occurence	1 .. 1
	Type	xsd:string
	Example	**GS1**
Type	Occurence	1 .. 1
	Type	xsd:string
	Example	**ReceivingAdvice**
CreationDateAndTime	Occurence	1 .. 1
	Type	xsd:dateTime
	Remark	**Message date/time**
	Example	**2014-10-09T15:00:00**
receivingAdvice	Occurence	1 .. 10000
	Type	receiving_advice:ReceivingAdviceType
xsd:sequence	Occurence	1 .. 1

Bold = Element, Italic = Attribute, Grey = Group

Element/Attribute	Annotation		
— **creationDateTime**	Occurence	1 .. 1	
	Type	xsd:dateTime	
	Remark	**Ducument date/time**	
	Example	**2014-10-09T14:50:00**	
— **documentStatusCode**	Occurence	1 .. 1	
	Type	shared_common:DocumentStatusEnumerationType	
	Example	**ORIGINAL**	
	Applicable Codes		
	ORIGINAL		
└ xsd:sequence	Occurence	1 .. 1	
— **receivingAdviceIdentification**	Occurence	1 .. 1	
	Type	shared_common:EntityIdentificationType	
	Remark	**Purchase Order number or other reference to the**	
		document	
	Example	**345687**	
└ xsd:sequence	Occurence	1 .. 1	
└ **entityIdentification**	Occurence	1 .. 1	
	Type	restriction (xsd:string)	
	Length	1 .. 80	
	Remark	**Purchase Order Number**	
	Example	**456789**	
— **receivingDateTime**	Occurence	1 .. 1	
	Type	xsd:dateTime	
	Remark	**Receiving date/time of the goods**	
	Example	**2014-10-09T14:00:00**	
— **reportingCode**	Occurence	1 .. 1	
	Type	ecom_common:GoodsReceiptReportingCodeType	
	Length	1 .. 80	
	Example	**1**	
— **shipper**	Occurence	1 .. 1	
	Type	ecom_common:TransactionalPartyType	
└ xsd:sequence	Occurence	1 .. 1	
— **additionalPartyIdentification**	Occurence	0 .. unbounded	
	Type	shared_common:AdditionalPartyIdentificationType	
	Length	1 .. 80	
	Remark	**Shipper, same as in the coresponding**	
		DespatchAdviceInbound	
	Example	**12345**	
└ *additionalPartyIdentificationTypeCode*	Type	restriction (xsd:string)	
	Length	1 .. 80	
	Use	required	
	Example	**88**	
	Applicable Codes		
	88	Assigned by the owner of operation	
— **receiver**	Occurence	1 .. 1	
	Type	ecom_common:TransactionalPartyType	
└ xsd:sequence	Occurence	1 .. 1	
└ **gln**	Occurence	0 .. 1	
	Type	shared_common:GLNType	
	Pattern	\d{13}	
	Remark	**GLN for receiver (Warehouse)**	
	Example	**7393321401018**	
— **receivingAdviceLogisticUnit**	Occurence	0 .. unbounded	
	Type	receiving_advice:ReceivingAdviceLogisticUnitType	
— xsd:sequence	Occurence	1 .. 1	

Bold = Element, Italic = Attribute, Grey = Group

Element/Attribute	Annotation	
logisticUnitIdentification	Occurence	0 .. 1
	Type	shared_common:LogisticUnitIdentificationType
xsd:sequence	Occurence	1 .. 1
sscc	Occurence	1 .. 1
	Type	shared_common:SSCCType
	Pattern	\d{18}
	Remark	**SSCC**
	Example	**373323991829613867**
xsd:sequence	Occurence	1 .. 1
receivingAdviceLineItem	Occurence	0 .. unbounded
	Type	receiving_advice:ReceivingAdviceLineItemType
xsd:sequence	Occurence	1 .. 1
lineItemNumber	Occurence	1 .. 1
	Type	xsd:positiveInteger
	FractionDigits	0
	Inclusive	1 ..
	Remark	**Item line number**
	Example	**1**
quantityReceived	Occurence	1 .. 1
	Type	shared_common:QuantityType
	Remark	**Received Quantity (in PCE or KGM)**
	Example	**9**
	Example	**500**
measurementUnitCode	Type	restriction (xsd:string)
	Length	1 .. 80
	Example	**PCE**
	Example	**KGM**
	Applicable Codes	
	KGM	kilogram
	PCE	pieces
quantityAccepted	Occurence	1 .. 1
	Type	shared_common:QuantityType
	Remark	**Accepted Quantity (in PCE or KGM)**
	Example	**9**
	Example	**500**
	Applicable Codes	
	KGM	
	PCE	
measurementUnitCode	Type	restriction (xsd:string)
	Length	1 .. 80
	Example	**PCE**
	Example	**KGM**
	Applicable Codes	
	KGM	kilogram
	PCE	pieces
transactionalTradeItem	Occurence	1 .. 1
	Type	ecom_common:TransactionalTradeItemType
xsd:sequence	Occurence	1 .. 1
gtin	Occurence	1 .. 1
	Type	shared_common:GTINType
	Pattern	\d{14}
	Remark	**GTIN (GS1 article number) Zeroes to be filled in if not in use**
	Example	**0000000000000**

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Element/Attribute	Annotation		
additionalTradeItemIdentification	Occurence	0 **..** unbounded	
	Type	shared_common:AdditionalTradeItemIdentificationType	
	Length	1 **..** 80	
	Remark	**Buyer's article number**	
	Example	**223344**	
additionalTradeItemIdentificationTypeCode	Type	restriction (xsd:string)	
	Length	1 **..** 80	
	Use	required	
	Example	**IN**	
	Applicable Codes		
	IN	Buyer's Item number	
	SA	Supplier's article number	
	ZGR	Grade	
	ZST	Status	
xsd:sequence	Occurence	1 **..** 1	
transactionalItemData	Occurence	0 **..** unbounded	
	Type	ecom_common:TransactionalItemDataType	
xsd:sequence	Occurence	1 **..** 1	
batchNumber	Occurence	0 **..** 1	
	Type	restriction (xsd:string)	
	Length	1 **..** 80	
	Remark	**Batch Number**	
	Example	**110621**	
bestBeforeDate	Occurence	0 **..** 1	
	Type	xsd:date	
	Remark	**Best Before Date**	
	Example	**2015-01-01**	
customerReference	Occurence	0 **..** 1	
	Type	shared_common:DocumentReferenceType	
xsd:sequence	Occurence	1 **..** 1	
entityIdentification	Occurence	1 **..** 1	
	Type	restriction (xsd:string)	
	Length	1 **..** 80	
	Remark	**Customer reference (returned from .../ DespatchAdviceLineItem/note)**	
	Example	**12-56-561**	
receivingConditionInformation	Occurence	0 **..** unbounded	
	Type	receiving_advice:ReceivingConditionInformationType	
xsd:sequence	Occurence	1 **..** 1	
receivingConditionCode	Occurence	1 **..** 1	
	Type	ecom_common:ReceivingConditionCodeType	
	Length	1 **..** 80	
	Remark	**Receiving Status**	
	Example	**0**	
	Applicable Codes		
	0	OK	
	1	Blocked	
	2	Quality inspection	
receivingConditionQuantity	Occurence	1 **..** 1	
	Type	shared_common:QuantityType	
	Remark	**Received status quantity**	
	Example	**9**	

```
<?xml version="1.0" encoding="utf-8"?>
<ns0:receivingAdviceMessage xmlns:ns0="urn:gs1:ecom:receiving_advice:xsd:3">
        <sh:StandardBusinessDocumentHeader
xmlns:sh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader">
                <sh:HeaderVersion>3.1</sh:HeaderVersion>
                <sh:Sender>
                        <sh:Identifier Authority="14">7080000950171</sh:Identifier>
                </sh:Sender>
                <sh:Receiver>
                        <sh:Identifier Authority="ZZ">999999</sh:Identifier>
                </sh:Receiver>
                <sh:DocumentIdentification>
                        <sh:Standard>GS1 BMS</sh:Standard>
                        <sh:TypeVersion>3.1</sh:TypeVersion>
                        <sh:InstanceIdentifier>GS1</sh:InstanceIdentifier>
                        <sh:Type>ReceivingAdvice</sh:Type>
                        <sh:CreationDateAndTime>2019-04-10T13:31:42</sh:CreationDateAndTime>
                </sh:DocumentIdentification>
        </sh:StandardBusinessDocumentHeader>
        <receivingAdvice>
                <creationDateTime>2019-03-27T16:39:29</creationDateTime>
                <creationDateTime>2019-03-27T16:39:29</creationDateTime>
                <documentStatusCode>ORIGINAL</documentStatusCode>
                <receivingAdviceIdentification>
                        <entityIdentification>1112223333</entityIdentification>
                </receivingAdviceIdentification>
                <receivingDateTime>2019-03-27T00:00:00</receivingDateTime>
                <reportingCode>4</reportingCode>
                <shipper>
                        <additionalPartyIdentification
additionalPartyIdentificationTypeCode="88">888888888</additionalPartyIdentification>
                        <address>
                                <name>Supplier name</name>
                                <countryCode/>
                        </address>
                </shipper>
                <receiver>
                        <additionalPartyIdentification
additionalPartyIdentificationTypeCode="88">999999</additionalPartyIdentification>
                        <address>
                                <name>Delivery name</name>
                                <postalCode>1088</postalCode>
                                <city>OSLO</city>
                                <countryCode>NO</countryCode>
                                <streetAddressTwo>Street address</streetAddressTwo>
                        </address>
                        <contact />
                </receiver>
                <inventoryLocation>
                        <additionalPartyIdentification
additionalPartyIdentificationTypeCode="88">NCD</additionalPartyIdentification>
                </inventoryLocation>
                <receivingAdviceLogisticUnit>
                        <receivingAdviceLineItem>
                                <lineItemNumber>100</lineItemNumber>
```

```
                                        <quantityReceived
measurementUnitCode="STK">400.0</quantityReceived>
                                        <quantityAccepted
measurementUnitCode="STK">400.0</quantityAccepted>
                                        <transactionalTradeItem>
                                                <additionalTradeItemIdentification
additionalTradeItemIdentificationTypeCode="IN">19000001</additionalTradeItemIdentification>
                                                <tradeItemDescription>One article for
sale</tradeItemDescription>
                                                <transactionalItemData>
                                                        <tradeItemQuantity
measurementUnitCode="">400.0</tradeItemQuantity>
                                                </transactionalItemData>
                                                <customerReference>
                                                        <entityIdentification>1112223333</entityIdentification>
                                                </customerReference>
                                                <receivingConditionInformation>

        <receivingConditionQuantity>400.0</receivingConditionQuantity>
                                                </receivingConditionInformation>
                                        </transactionalTradeItem>
                                </receivingAdviceLineItem>
                        </receivingAdviceLogisticUnit>
                        <receivingAdviceLogisticUnit>
                                <receivingAdviceLineItem>
                                        <lineItemNumber>200</lineItemNumber>
                                        <quantityReceived
measurementUnitCode="STK">600.0</quantityReceived>
                                        <quantityAccepted
measurementUnitCode="STK">600.0</quantityAccepted>
                                        <transactionalTradeItem>
                                                <additionalTradeItemIdentification
additionalTradeItemIdentificationTypeCode="IN">19000008</additionalTradeItemIdentification>
                                                <tradeItemDescription>Another article for
sale</tradeItemDescription>
                                                <transactionalItemData>
                                                        <tradeItemQuantity
measurementUnitCode="">200.0</tradeItemQuantity>
                                                </transactionalItemData>
                                                <transactionalItemData>
                                                        <tradeItemQuantity
measurementUnitCode="">200.0</tradeItemQuantity>
                                                </transactionalItemData>
                                                <transactionalItemData>
                                                        <tradeItemQuantity
measurementUnitCode="">200.0</tradeItemQuantity>
                                                </transactionalItemData>
                                                <customerReference>
                                                        <entityIdentification>1112223333</entityIdentification>
                                                </customerReference>
                                                <receivingConditionInformation>

        <receivingConditionQuantity>600.0</receivingConditionQuantity>
                                                </receivingConditionInformation>
                                        </transactionalTradeItem>
```

Bold = Element, Italic = Attribute, Grey = Group

```
                    </receivingAdviceLineItem>
                </receivingAdviceLogisticUnit>
                <receivingAdviceLogisticUnit>
                    <receivingAdviceLineItem>
                        <lineItemNumber>300</lineItemNumber>
                        <quantityReceived
measurementUnitCode="STK">450.0</quantityReceived>
                        <quantityAccepted
measurementUnitCode="STK">450.0</quantityAccepted>
                        <transactionalTradeItem>
                            <additionalTradeItemIdentification
additionalTradeItemIdentificationTypeCode="IN">19000009</additionalTradeItemIdentification>
                            <tradeItemDescription>Yet another article for
sale</tradeItemDescription>
                            <transactionalItemData>
                                <tradeItemQuantity
measurementUnitCode="">450.0</tradeItemQuantity>
                            </transactionalItemData>
                            <customerReference>
                                <entityIdentification>1112223333</entityIdentification>
                            </customerReference>
                            <receivingConditionInformation>

        <receivingConditionQuantity>450.0</receivingConditionQuantity>
                            </receivingConditionInformation>
                        </transactionalTradeItem>
                    </receivingAdviceLineItem>
                </receivingAdviceLogisticUnit>
        </receivingAdvice>
</ns0:receivingAdviceMessage>
```