![bring logo]

Message Implementation Guideline

Despatch Order inbound XML - Axia

Model: DespatchAdvice-inbound Axia
Version: GS1 BMS 3.1
Variant: 3
Issue date: 2017-03-21
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Change Log DespatchAdvice-inbound Axia

Date	Variant	Comments
2015-09-18	2	`<note languageCode="NO">450347</note>` added for Purchase Order number
2017-03-21	3	despatchAdvice/deliveryTypeCode = 220 for normal process
2017-03-21	3	despatchAdvice/deliveryTypeCode = 224 for express process

Structure

Occurrence	Element/Attribute

despatchAdviceMessage

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	**despatchAdvice**
1 .. 1	┌ xsd:sequence
1 .. 1	├ **creationDateTime**
1 .. 1	└ **documentStatusCode**
1 .. 1	┌ xsd:sequence
1 .. 1	**despatchAdviceIdentification**
1 .. 1	┌ xsd:sequence
1 .. 1	└ **entityIdentification**
0 .. 1	**deliveryTypeCode**
0 .. 1	**note**
required	└ *languageCode*
1 .. 1	**receiver**
1 .. 1	┌ xsd:sequence
0 .. 1	└ **gln**
1 .. 1	**shipper**
1 .. 1	┌ xsd:sequence
0 .. unbounded	├ **additionalPartyIdentification**
required	└ *additionalPartyIdentificationTypeCode*
1 .. 1	**shipTo**
1 .. 1	┌ xsd:sequence
0 .. unbounded	├ **additionalPartyIdentification**
required	└ *additionalPartyIdentificationTypeCode*
1 .. 1	**despatchInformation**
1 .. 1	┌ xsd:sequence
0 .. 1	└ **estimatedDeliveryDateTime**
0 .. unbounded	**despatchAdviceLogisticUnit**
1 .. 1	┌ xsd:sequence
0 .. 1	**logisticUnitIdentification**

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

Occurrence	Element/Attribute
1 **..** 1	└─ xsd:sequence
1 **..** 1	└─ **sscc**
1 **..** 1	└─ xsd:sequence
0 .. unbounded	**despatchAdviceLineItem**
1 **..** 1	└─ xsd:sequence
1 **..** 1	**lineItemNumber**
1 **..** 1	**despatchedQuantity**
	└─ *measurementUnitCode*
0 **..** 1	**note**
required	└─ *languageCode*
1 .. 1	**transactionalTradeItem**
1 **..** 1	└─ xsd:sequence
1 **..** 1	**gtin**
0 **..** unbounded	**additionalTradeItemIdentification**
required	└─ *additionalTradeItemIdentificationTypeCode*
1 **..** 1	└─ xsd:sequence
0 **..** 1	**productVariantIdentifier**
0 .. unbounded	**transactionalItemData**
1 **..** 1	└─ xsd:sequence
0 **..** 1	**batchNumber**
0 **..** 1	**bestBeforeDate**
0 **..** 1	**productionDate**

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Guideline

Element/Attribute	Annotation	
despatchAdviceMessage	Type	despatch_advice:DespatchAdviceMessageType
└ 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	**Client Id**
	Example	**12345**
Receiver	Occurence	1 .. unbounded
	Type	sh:Partner
xs:sequence	Occurence	1 .. 1
Identifier	Occurence	1 .. 1
	Type	sh:PartnerIdentification
	Remark	**GLN for receiver of the message**
	Example	**73933214000011**
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	**DespatchAdviceInbound**
CreationDateAndTime	Occurence	1 .. 1
	Type	xsd:dateTime
	Remark	**Message date/time**
	Example	**2014-09-24T10:15:25**
despatchAdvice	Occurence	1 .. 10000
	Type	despatch_advice:DespatchAdviceType
xsd:sequence	Occurence	1 .. 1
creationDateTime	Occurence	1 .. 1
	Type	xsd:dateTime
	Remark	**Document date/time**
	Example	**2014-09-25T09:50:00**
documentStatusCode	Occurence	1 .. 1
	Type	shared_common:DocumentStatusEnumerationType
	Example	**ORIGINAL**
	Applicable Codes	
	ORIGINAL	
xsd:sequence	Occurence	1 .. 1

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Element/Attribute	Annotation	
despatchAdviceIdentification	Occurence	1 .. 1
	Type	shared_common:EntityIdentificationType
xsd:sequence	Occurence	1 .. 1
entityIdentification	Occurence	1 .. 1
	Type	restriction (xsd:string)
	Length	1 .. 80
	Remark	**Purchase order number or reference to the message**
	Example	**456789**
deliveryTypeCode	Occurence	0 .. 1
	Type	ecom_common:DeliveryTypeCodeType
	Length	1 .. 80
	Remark	**220 to be used for a standard inbound process**
	Remark	**224 to be used for express inbound process**
	Remark	**S to be used for Sampakk**
	Example	**220**
	Applicable Codes	
	220	Order
	224	Rush order
note	Occurence	0 .. 1
	Type	shared_common:Description500Type
	Length	1 .. 500
	Remark	**Element to be used for addtional referens, as Purchase Order no.,which is searchable in Axia.**
	Example	**450347**
languageCode	Type	restriction (xsd:string)
	Length	1 .. 80
	Use	required
	Example	**NO**
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**
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	**Id for shipper (Supplier)**
	Example	**7890**
additionalPartyIdentificationTypeCode	Type	restriction (xsd:string)
	Length	1 .. 80
	Use	required
	Example	**88**
	Applicable Codes	
	88	Assigned by the owner of operation
shipTo	Occurence	1 .. 1
	Type	ecom_common:TransactionalPartyType
	Remark	**Only used for Bring Frigo Domestic traffic**
xsd:sequence	Occurence	1 .. 1

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Element/Attribute	Annotation		
└ **additionalPartyIdentification**	Occurence	0 **..** unbounded	
	Type	shared_common:AdditionalPartyIdentificationType	
	Length	1 **..** 80	
	Remark	**Warehouse code for Bring**	
	Example	**BERGER**	
	Applicable Codes		
	4033		
	5500		
	BERGER		
	BS07		
	BS17		
	BS19		
	BS24		
	NCD		
└ *additionalPartyIdentificationTypeCode*	Type	restriction (xsd:string)	
	Length	1 **..** 80	
	Use	required	
	Example	**88**	
	Applicable Codes		
	87	Assigned by carrier	
	88	Assigned by the owner of operation	
┐ **despatchInformation**	Occurence	1 **..** 1	
	Type	ecom_common:DespatchInformationType	
└ xsd:sequence	Occurence	1 **..** 1	
└ **estimatedDeliveryDateTime**	Occurence	0 **..** 1	
	Type	xsd:dateTime	
	Remark	**Delivery Date/Time**	
	Example	**2014-10-15T15:00**	
┐ **despatchAdviceLogisticUnit**	Occurence	0 **..** unbounded	
	Type	despatch_advice:DespatchAdviceLogisticUnitType	
└ xsd:sequence	Occurence	1 **..** 1	
└ **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	**373655645638436204**	
└ xsd:sequence	Occurence	1 **..** 1	
└ **despatchAdviceLineItem**	Occurence	0 **..** unbounded	
	Type	despatch_advice:DespatchAdviceLineItemType	
└ xsd:sequence	Occurence	1 **..** 1	
└ **lineItemNumber**	Occurence	1 **..** 1	
	Type	xsd:positiveInteger	
	FractionDigits	0	
	Inclusive	1	**..**
	Remark	**Order line number**	
	Example	**1**	
└ **despatchedQuantity**	Occurence	1 **..** 1	
	Type	shared_common:QuantityType	
	Remark	**Despatch quantity**	
	Example	**9**	
└ *measurementUnitCode*	Type	restriction (xsd:string)	
	Length	1 **..** 80	
	Example	**PCE**	

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Element/Attribute	Annotation	

	Applicable Codes	
	PCE	pieces
note	Occurence	0 .. 1
	Type	shared_common:Description500Type
	Length	1 **..** 500
	Remark	**Referens to order line - to be returned in the confirmation of the order**
	Example	**12346-9082-01**
languageCode	Type	restriction (xsd:string)
	Length	1 **..** 80
	Use	required
	Example	**NO**
	Applicable Codes	
	NO	
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) if not used fill in zeroes**
	Example	**0000000000000**
additionalTradeItemIdentification	Occurence	0 **..** unbounded
	Type	shared_common:AdditionalTradeItemIdentificationType
	Length	1 **..** 80
	Remark	**Supplier's aticle number**
	Example	**223344**
	Remark	**Buyer's item number**
	Example	**65432**
additionalTradeItemIdentificationTypeCode	Type	restriction (xsd:string)
	Length	1 **..** 80
	Use	required
	Example	**SA**
	Example	**IN**
	Applicable Codes	
	IN	Buyer's Item number
	SA	Supplier's article number
xsd:sequence	Occurence	1 .. 1
productVariantIdentifier	Occurence	0 .. 1
	Type	restriction (xsd:string)
	Length	1 **..** 80
	Description	*Only used by Bring Frigo*
	Remark	**Goods charcteristics**
	Example	**1**
	Applicable Codes	
	1	Frozen
	2	Chilled
	3	Dry
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**

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Element/Attribute	Annotation	
— **bestBeforeDate**	Occurence	0 .. 1
	Type	xsd:date
	Description	*Only used by Bring Frigo*
	Remark	**Best before date**
	Example	**2015-01-01**
— **productionDate**	Occurence	0 .. 1
	Type	xsd:date
	Description	*Only used by Bring Frigo*
	Remark	**Production date**
	Example	**2014-09-30**

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```xml
<?xml version="1.0" encoding="UTF-8" ?>
<despatch_advice:despatchAdviceMessage
    xmlns:despatch_advice="urn:gs1:ecom:despatch_advice:xsd:3"
    xmlns:sh="http://www.unece.org/cefact/namespaces/StandardBusinessDocument
    Header">
<sh:StandardBusinessDocumentHeader>
<sh:HeaderVersion>3.1</sh:HeaderVersion>
<sh:Sender>
<sh:Identifier Authority="14">12345</sh:Identifier>
    </sh:Sender>
<sh:Receiver>
<sh:Identifier Authority="14">73933214000011</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>DespatchAdviceInbound</sh:Type>
<sh:CreationDateAndTime>2014-09-24T10:15:25</sh:CreationDateAndTime>
    </sh:DocumentIdentification>
    </sh:StandardBusinessDocumentHeader>
<despatchAdvice>
<creationDateTime>2014-09-25T09:50:00</creationDateTime>
<documentStatusCode>ORIGINAL</documentStatusCode>
<despatchAdviceIdentification>
<entityIdentification>456789</entityIdentification>
    </despatchAdviceIdentification>
<deliveryTypeCode>220</deliveryTypeCode>
<note languageCode="NO">450347</note>
<receiver>
<gln>7393321401018</gln>
    </receiver>
<shipper>
<additionalPartyIdentification
    additionalPartyIdentificationTypeCode="88">7890</additionalPartyIdentification>
    </shipper>
<shipTo>
<additionalPartyIdentification
    additionalPartyIdentificationTypeCode="88">BERGER</additionalPartyIdentification>
    </shipTo>
<despatchInformation>
<estimatedDeliveryDateTime>2014-10-15T15:00</estimatedDeliveryDateTime>
    </despatchInformation>
<despatchAdviceLogisticUnit>
<logisticUnitIdentification>
<sscc>37365564563843 6204</sscc>
    </logisticUnitIdentification>
<despatchAdviceLineItem>
```

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```
<lineItemNumber>1</lineItemNumber>
<despatchedQuantity measurementUnitCode="PCE">9</despatchedQuantity>
<note languageCode="NO">12346-9082-01</note>
<transactionalTradeItem>
<gtin>0000000000000</gtin>
<additionalTradeItemIdentification
   additionalTradeItemIdentificationTypeCode="SA">223344</additionalTradeItemIdentificati
   on>
<productVariantIdentifier>1</productVariantIdentifier>
<transactionalItemData>
<batchNumber>110621</batchNumber>
<bestBeforeDate>2015-01-01</bestBeforeDate>
<productionDate>2014-09-30</productionDate>
   </transactionalItemData>
   </transactionalTradeItem>
   </despatchAdviceLineItem>
   </despatchAdviceLogisticUnit>
   </despatchAdvice>
   </despatch_advice:despatchAdviceMessage>
```

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