Message Implementation Guideline

Despatch Order inbound XML

Model: DespatchAdvice-inbound
Version: GS1 BMB 3.1
Variant: 4
Issue date: 03.04.2019
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Change log DespatchAdvice-inbound

Date	Variant	Comments
08.04.2019	4	Merged GS1 3.1 for Axia and Nyce systems

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**
	codeListVersion
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
1 .. 1	**additionalPartyIdentification**
required	*additionalPartyIdentificationTypeCode*
1 .. 1	**despatchInformation**
1 .. 1	xsd:sequence
0 .. 1	**estimatedDeliveryDateTime**
0 .. unbounded	**despatchAdviceLogisticUnit**
1 .. 1	xsd:sequence

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

Occurrence	Element/Attribute
0 .. 1	**logisticUnitIdentification**
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	**tradeItemDescription**
required	*languageCode*
	codeListVersion
0 **..** 1	**productVariantIdentifier**
0 .. unbounded	**transactionalItemData**
1 **..** 1	xsd:sequence
0 **..** 1	**batchNumber**
0 **..** 1	**bestBeforeDate**
0 **..** 1	**productionDate**
0 .. 1	**productCertification**
1 **..** 1	xsd:sequence
1 **..** 1	**entityIdentification**
1 **..** 1	xsd:sequence
0 **..** 1	**creationDateTime**
0 .. 1	**specification**
1 **..** 1	xsd:sequence
1 **..** 1	**entityIdentification**
0 .. 1	**purchaseOrder**
1 **..** 1	xsd:sequence
1 **..** 1	**entityIdentification**
1 **..** 1	xsd:sequence
0 **..** 1	**lineItemNumber**

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**
└ *Authority*	Type	xsd:string
	Applicable Codes	
	14	EAN International
	30	ISO 6523: Organization identification
	ZZ	Mutually defined
─ **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	**7080000950171**
└ *Authority*	Type	xsd:string
	Applicable Codes	
	14	EAN International
	30	ISO 6523: Organization identification
	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	**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

Bold = Element, Italic = Attribute, Grey = Group

Element/Attribute	Annotation		
— **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	
— **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	**S to be used for Sampakk**	
	Remark	**R to be used for Return**	
	Example	**S**	
	Applicable Codes		
	R	Return-order	
	S	Sampak	
— *codeListVersion*	Type	restriction (xsd:string)	
	Length	1 .. 35	
	Applicable Codes		
	S		
— **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	

Element/Attribute	Annotation	
└ **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
└ xsd:sequence	Occurence	1 **..** 1
└ **additionalPartyIdentification**	Occurence	1 **..** 1
	Type	shared_common:AdditionalPartyIdentificationType
	Length	1 **..** 80
	Remark	**Warehouse code for Bring**
	Example	**BERGER**
	Applicable Codes	
	4033	Stavanger (Norway)
	5500	Haugesund (Norway)
	AES	Ålesund (Norway)
	BERGER	Berger/Skedsmokorset (Norway)
	BS02	Kongshavn (Norway)
	BS07	Trollåsen (Norway)
	BS17	Bergen (Norway)
	BS26	Trondheim (Norway)
	BS34	Tromsø (Norway)
	FI01	(Finland)
	JKPG01	Jönköping (Sweden)
	NCD	Lierstrand (Norway)
└ *additionalPartyIdentificationTypeCode*	Type	restriction (xsd:string)
	Length	1 **..** 80
	Use	required
	Example	**88**
	Applicable Codes	
	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

Bold = Element, Italic = Attribute, Grey = Group

Element/Attribute	Annotation	
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**
	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	
	DK	
	EN	
	FI	
	NO	
	SE	
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

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Element/Attribute	Annotation		
	Applicable Codes		
	SA	Supplier's article number	
	ZCI	CustomsItem (false/true)	
	ZCU	Currency Coded	
	ZGR	Grade	
	ZNP	Net Price	
	ZTP	Total Price	
⌐ xsd:sequence	**Occurence**	1 **..** 1	
⌐ **tradeItemDescription**	**Occurence**	0 **..** 1	
	Type	shared_common:Description200Type	
	Length	1 **..** 200	
	Remark	**Item Description**	
	Example	**Paperbox**	
⌐ *languageCode*	**Type**	restriction (xsd:string)	
	Length	1 **..** 80	
	Use	required	
	Example	**EN**	
	Applicable Codes		
	DK		
	EN		
	FI		
	NO		
	SE		
⌐ *codeListVersion*	**Type**	restriction (xsd:string)	
	Length	1 **..** 35	
⌐ **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**	
⌐ **bestBeforeDate**	**Occurence**	0 **..** 1	
	Type	xsd:date	
	Remark	**Best before date**	
	Example	**2015-01-01**	
⌐ **productionDate**	**Occurence**	0 **..** 1	
	Type	xsd:date	
	Remark	**Production date**	
	Example	**2014-09-30**	
⌐ **productCertification**	**Occurence**	0 **..** 1	
	Type	shared_common:DocumentReferenceType	
⌐ xsd:sequence	**Occurence**	1 **..** 1	
⌐ **entityIdentification**	**Occurence**	1 **..** 1	
	Type	restriction (xsd:string)	
	Length	1 **..** 80	

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Element/Attribute	Annotation		
	Remark	**Export Certificate Number**	
	Example	**G17GDDGCA1451147**	
xsd:sequence	Occurence	1 .. 1	
creationDateTime	Occurence	0 .. 1	
	Type	xsd:dateTime	
	Remark	**Certificate Date**	
	Example	**2017-03-01T15:00:00**	
specification	Occurence	0 .. 1	
	Type	shared_common:DocumentReferenceType	
xsd:sequence	Occurence	1 .. 1	
entityIdentification	Occurence	1 .. 1	
	Type	restriction (xsd:string)	
	Length	1 .. 80	
	Remark	**Export Certificate Type**	
	Example	**GSP**	
	Applicable Codes		
	EUR		
	GSP		
purchaseOrder	Occurence	0 .. 1	
	Type	shared_common:DocumentReferenceType	
xsd:sequence	Occurence	1 .. 1	
entityIdentification	Occurence	1 .. 1	
	Type	restriction (xsd:string)	
	Length	1 .. 80	
	Remark	**Purchase Order Number**	
	Example	**6CE65B05BE09A**	
xsd:sequence	Occurence	1 .. 1	
lineItemNumber	Occurence	0 .. 1	
	Type	xsd:positiveInteger	
	FractionDigits	0	
	Inclusive	1	..
	Remark	**Purchase Order line item number**	
	Example	**1**	

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```xml
<?xml version="1.0" encoding="UTF-8"?>
<ns0:despatchAdviceMessage xmlns:ns0="urn:gs1:ecom:despatch_advice:xsd:3">
  <ns1:StandardBusinessDocumentHeader
xmlns:ns1="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader">
    <ns1:HeaderVersion>3.1</ns1:HeaderVersion>
    <ns1:Sender>
      <ns1:Identifier Authority="14">999999</ns1:Identifier>
    </ns1:Sender>
    <ns1:Receiver>
      <ns1:Identifier Authority="14">7080003388100</ns1:Identifier>
    </ns1:Receiver>
    <ns1:DocumentIdentification>
      <ns1:Standard>GS1 BMS</ns1:Standard>
      <ns1:TypeVersion>3.1</ns1:TypeVersion>
      <ns1:InstanceIdentifier>GS1</ns1:InstanceIdentifier>
      <ns1:Type>DespatchAdviceInbound</ns1:Type>
      <ns1:CreationDateAndTime>2019-03-28T11:23:02</ns1:CreationDateAndTime>
    </ns1:DocumentIdentification>
  </ns1:StandardBusinessDocumentHeader>
  <despatchAdvice>
    <creationDateTime>2019-03-28T11:24:18</creationDateTime>
    <documentStatusCode>ORIGINAL</documentStatusCode>
    <despatchAdviceIdentification>
      <entityIdentification>0180026738</entityIdentification>
    </despatchAdviceIdentification>
    <deliveryTypeCode>220</deliveryTypeCode>
    <note languageCode="NO">0005011058</note>
    <receiver>
      <gln>9999999999999</gln>
    </receiver>
    <shipper>
      <additionalPartyIdentification
additionalPartyIdentificationTypeCode="88">0000000000</additionalPartyIdentification>
      <address>
        <city>TestCity</city>
        <postalCode>9999</postalCode>
      </address>
    </shipper>
    <shipTo>
      <additionalPartyIdentification
additionalPartyIdentificationTypeCode="88">BS02</additionalPartyIdentification>
    </shipTo>
    <despatchInformation>
      <estimatedDeliveryDateTime>2019-03-28T11:24:18</estimatedDeliveryDateTime>
    </despatchInformation>
    <despatchAdviceLogisticUnit>
      <despatchAdviceLineItem>
        <lineItemNumber>000010</lineItemNumber>
        <despatchedQuantity measurementUnitCode="PCE">25.000</despatchedQuantity>
        <note languageCode="NO">000001</note>
        <transactionalTradeItem>
          <gtin>0000000000000</gtin>
          <additionalTradeItemIdentification
additionalTradeItemIdentificationTypeCode="SA">99999999</additionalTradeItemIdentification>
```

Bold = Element, Italic = Attribute, Grey = Group

```
            <additionalTradeItemIdentification
additionalTradeItemIdentificationTypeCode="IN">99999</additionalTradeItemIdentification>
          </transactionalTradeItem>
        </despatchAdviceLineItem>
      </despatchAdviceLogisticUnit>
    </despatchAdvice>
  </ns0:despatchAdviceMessage>
```

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