



Message Implementation Guideline

Despatch Order inbound XML

Model: DespatchAdvice-inbound
Version: GS1 BMB 3.1
Variant: 5
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Change log DespatchAdvice-inbound

Date	Variant	Comments
08.04.2019	4	Merged GS1 3.1 for Axia and Nyce systems
29.10.2019	5	Add fields for customs handling

Structure

Occurrence	Element/Attribute
	despatchAdviceMessage
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
	<i>Authority</i>
1 .. unbounded	Receiver
1 .. 1	xs:sequence
1 .. 1	Identifier
	<i>Authority</i>
1 .. 1	DocumentIdentification
1 .. 1	xs:sequence
1 .. 1	Standard
1 .. 1	TypeVersion
1 .. 1	Instanceldentification
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	xs:sequence
1 .. 1	entityIdentification
0 .. 1	deliveryTypeCode
	<i>codeListVersion</i>
0 .. 1	note
required	<i>languageCode</i>
1 .. 1	receiver
1 .. 1	xs:sequence
0 .. 1	gln
1 .. 1	shipper
1 .. 1	xs:sequence
0 .. unbounded	additionalPartyIdentification
required	<i>additionalPartyIdentificationTypeCode</i>
1 .. 1	shipTo
1 .. 1	xs:sequence
1 .. 1	additionalPartyIdentification
required	<i>additionalPartyIdentificationTypeCode</i>
0 .. 1	carrier
1 .. 1	xs:sequence
0 .. unbounded	financialInstitutionInformation
1 .. 1	xs:sequence
0 .. 1	financialInstitutionName

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

DespatchAdvice-inbound

Occurrence	Element/Attribute
0 .. 1	additionalFinancialInformation
1 .. 1	xsd:sequence
1 .. unbounded required	description
	<i>languageCode</i>
	<i>codeListVersion</i>
1 .. 1	despatchInformation
1 .. 1	xsd:sequence
0 .. 1	estimatedDeliveryDateTime
0 .. unbounded	despatchAdviceLogisticUnit
1 .. 1	xsd:sequence
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
	<i>measurementUnitCode</i>
0 .. 1	countryOfOrigin
0 .. 1 required	note
	<i>languageCode</i>
1 .. 1	transactionalTradeItem
1 .. 1	xsd:sequence
1 .. 1	gtin
0 .. unbounded required	additionalTradeItemIdentification
	<i>additionalTradeItemIdentificationTypeCode</i>
1 .. 1	xsd:sequence
0 .. 1 required	tradeItemDescription
	<i>languageCode</i>
	<i>codeListVersion</i>
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	customerReference
1 .. 1	xsd:sequence
1 .. 1	entityIdentification
1 .. 1	xsd:sequence
0 .. 1	lineItemNumber
0 .. 1	specification
1 .. 1	xsd:sequence
1 .. 1	entityIdentification
0 .. 1	purchaseOrder

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DespatchAdvice-inbound

Occurrence	Element/Attribute
1 .. 1	xsd:sequence
1 .. 1	entityIdentification
1 .. 1	xsd:sequence
0 .. 1	lineItemNumber

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Guideline

Element/Attribute	Annotation
despatchAdviceMessage	Type despatch_advice:DespatchAdviceMessageType
xsd:sequence	Occurrence 1 .. 1
sh:StandardBusinessDocumentHeader	Occurrence 1 .. 1 Type sh:StandardBusinessDocumentHeader
xs:sequence	Occurrence 1 .. 1
HeaderVersion	Occurrence 1 .. 1 Type xsd:string Example 3.1
Sender	Occurrence 1 .. unbounded Type sh:Partner
xs:sequence	Occurrence 1 .. 1
Identifier	Occurrence 1 .. 1 Type sh:PartnerIdentification Remark Client Id Example 12345
<i>Authority</i>	Type xsd:string
Applicable Codes	
14	EAN International
30	ISO 6523: Organization identification
ZZ	Mutually defined
Receiver	Occurrence 1 .. unbounded Type sh:Partner
xs:sequence	Occurrence 1 .. 1
Identifier	Occurrence 1 .. 1 Type sh:PartnerIdentification Remark GLN for receiver of the message Example 7080000950171
<i>Authority</i>	Type xsd:string
Applicable Codes	
14	EAN International
30	ISO 6523: Organization identification
ZZ	Mutually defined
DocumentIdentification	Occurrence 1 .. 1 Type sh:DocumentIdentification
xs:sequence	Occurrence 1 .. 1
Standard	Occurrence 1 .. 1 Type xsd:string Example GS1 BMS
TypeVersion	Occurrence 1 .. 1 Type xsd:string Example 3.1
InstanceIdentifier	Occurrence 1 .. 1 Type xsd:string Example GS1
Type	Occurrence 1 .. 1 Type xsd:string Example DespatchAdviceInbound
CreationDateAndTime	Occurrence 1 .. 1 Type xsd:dateTime Remark Message date/time Example 2014-09-24T10:15:25
despatchAdvice	Occurrence 1 .. 10000 Type despatch_advice:DespatchAdviceType
xsd:sequence	Occurrence 1 .. 1

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DespatchAdvice-inbound

Element/Attribute	Annotation
creationDateTime	<p>Occurrence 1 .. 1 Type xsd:dateTime Remark Document date/time Example 2014-09-25T09:50:00</p>
documentStatusCode	<p>Occurrence 1 .. 1 Type shared_common:DocumentStatusEnumerationType Example ORIGINAL</p> <p>Applicable Codes ORIGINAL</p>
xsd:sequence	Occurrence 1 .. 1
despatchAdviceIdentification	<p>Occurrence 1 .. 1 Type shared_common:EntityIdentificationType</p>
xsd:sequence	Occurrence 1 .. 1
entityIdentification	<p>Occurrence 1 .. 1 Type restriction (xsd:string) Length 1 .. 80 Remark Purchase order number or reference to the message Example 456789</p>
deliveryTypeCode	<p>Occurrence 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</p> <p>Applicable Codes R Return-order S Sampakk</p>
<i>codeListVersion</i>	<p>Type restriction (xsd:string) Length 1 .. 35</p> <p>Applicable Codes R S</p>
note	<p>Occurrence 0 .. 1 Type shared_common:Description500Type Length 1 .. 500 Remark Element to be used for additional referens, as Purchase Order no.,which is searchable in Axia. Example 450347</p>
<i>languageCode</i>	<p>Type restriction (xsd:string) Length 1 .. 80 Use required Example NO</p>
receiver	<p>Occurrence 1 .. 1 Type ecom_common:TransactionalPartyType</p>
xsd:sequence	Occurrence 1 .. 1
gln	<p>Occurrence 0 .. 1 Type shared_common:GLNType Pattern \d{13} Remark GLN for receiver (Warehouse) Example 7393321401018</p>
shipper	<p>Occurrence 1 .. 1 Type ecom_common:TransactionalPartyType</p>
xsd:sequence	Occurrence 1 .. 1

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Element/Attribute	Annotation
additionalPartyIdentification	Occurrence 0 .. unbounded Type shared_common:AdditionalPartyIdentificationType Length 1 .. 80 Remark Id for shipper (Supplier) Example 7890
<i>additionalPartyIdentificationTypeCode</i>	Type restriction (xsd:string) Length 1 .. 80 Use required Example 88 Applicable Codes 88 Assigned by the owner of operation
shipTo	Occurrence 1 .. 1 Type ecom_common:TransactionalPartyType
xsd:sequence	Occurrence 1 .. 1
additionalPartyIdentification	Occurrence 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)
<i>additionalPartyIdentificationTypeCode</i>	Type restriction (xsd:string) Length 1 .. 80 Use required Example 88 Applicable Codes 88 Assigned by the owner of operation
carrier	Occurrence 0 .. 1 Type ecom_common:TransactionalPartyType
xsd:sequence	Occurrence 1 .. 1
financialInstitutionInformation	Occurrence 0 .. unbounded Type ecom_common:FinancialInstitutionInformationType Remark Carrier and cost of transport for customs
xsd:sequence	Occurrence 1 .. 1
financialInstitutionName	Occurrence 0 .. 1 Type restriction (xsd:string) Length 1 .. 80 Remark Carrier name
additionalFinancialInformation	Occurrence 0 .. 1 Type shared_common:MultiDescription70Type Remark Cost of transport for customs handling
xsd:sequence	Occurrence 1 .. 1
description	Occurrence 1 .. unbounded Type shared_common:Description70Type Length 1 .. 70

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DespatchAdvice-inbound

Element/Attribute	Annotation
	Remark Transport cost and currency Example 2545.00 Example NOK
<i>languageCode</i>	Type restriction (xsd:string) Length 1 .. 80 Use required
<i>codeListVersion</i>	Type restriction (xsd:string) Length 1 .. 35
	Applicable Codes
	ZCU Currency
	ZTP Transport cost
despatchInformation	Occurrence 1 .. 1 Type ecom_common:DespatchInformationType
xsd:sequence	Occurrence 1 .. 1
estimatedDeliveryDateTime	Occurrence 0 .. 1 Type xsd:dateTime Remark Delivery Date/Time Example 2014-10-15T15:00
despatchAdviceLogisticUnit	Occurrence 0 .. unbounded Type despatch_advice:DespatchAdviceLogisticUnitType
xsd:sequence	Occurrence 1 .. 1
logisticUnitIdentification	Occurrence 0 .. 1 Type shared_common:LogisticUnitIdentificationType
xsd:sequence	Occurrence 1 .. 1
sscc	Occurrence 1 .. 1 Type shared_common:SSCCType Pattern \d{18} Remark SSCC Example 373655645638436204
xsd:sequence	Occurrence 1 .. 1
despatchAdviceLineItem	Occurrence 0 .. unbounded Type despatch_advice:DespatchAdviceLineItemType
xsd:sequence	Occurrence 1 .. 1
lineItemNumber	Occurrence 1 .. 1 Type xsd:positiveInteger FractionDigits 0 Inclusive 1 .. Remark Order line number Example 1
despatchedQuantity	Occurrence 1 .. 1 Type shared_common:QuantityType Remark Despatch quantity Example 9
<i>measurementUnitCode</i>	Type restriction (xsd:string) Length 1 .. 80 Example PCE
	Applicable Codes
	PCE pieces
countryOfOrigin	Occurrence 0 .. 1 Type shared_common:CountryCodeType Length 1 .. 80 Remark Country of origin Example SE
note	Occurrence 0 .. 1 Type shared_common:Description500Type Length 1 .. 500

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Element/Attribute	Annotation
	<p>Remark Refers to order line - to be returned in the confirmation of the order</p> <p>Example 12346-9082-01</p>
<i>languageCode</i>	<p>Type restriction (xsd:string)</p> <p>Length 1 .. 80</p> <p>Use required</p> <p>Example NO</p> <p>Applicable Codes</p> <p>DK</p> <p>EN</p> <p>FI</p> <p>NO</p> <p>SE</p>
transactionalTradeltem	<p>Occurrence 1 .. 1</p> <p>Type ecom_common:TransactionalTradeltemType</p>
xsd:sequence	<p>Occurrence 1 .. 1</p>
<i>gtin</i>	<p>Occurrence 1 .. 1</p> <p>Type shared_common:GTINType</p> <p>Pattern \d{14}</p> <p>Remark GTIN (GS1 article number) if not used fill in zeroes</p> <p>Example 0000000000000</p>
additionalTradeltemIdentification	<p>Occurrence 0 .. unbounded</p> <p>Type shared_common:AdditionalTradeltemIdentificationType</p> <p>Length 1 .. 80</p> <p>Remark Supplier's article number</p> <p>Example 223344</p> <p>Remark Buyer's item number</p> <p>Example 65432</p>
<i>additionalTradeltemIdentificationTypeCode</i>	<p>Type restriction (xsd:string)</p> <p>Length 1 .. 80</p> <p>Use required</p> <p>Example SA</p> <p>Example IN</p> <p>Applicable Codes</p> <p>IN Buyer's Item number</p> <p>SA Supplier's article number</p> <p>ZCI CustomsItem (false/true)</p> <p>ZCU Currency Coded</p> <p>ZGR Grade</p> <p>ZNP Net Price</p> <p>ZTP Total Price</p>
xsd:sequence	<p>Occurrence 1 .. 1</p>
tradeltemDescription	<p>Occurrence 0 .. 1</p> <p>Type shared_common:Description200Type</p> <p>Length 1 .. 200</p> <p>Remark Item Description</p> <p>Example Paperbox</p>
<i>languageCode</i>	<p>Type restriction (xsd:string)</p> <p>Length 1 .. 80</p> <p>Use required</p> <p>Example EN</p> <p>Applicable Codes</p> <p>DK</p> <p>EN</p> <p>FI</p> <p>NO</p> <p>SE</p>

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Element/Attribute	Annotation
codeListVersion	Type restriction (xsd:string) Length 1 .. 35
productVariantIdentifier	Occurrence 0 .. 1 Type restriction (xsd:string) Length 1 .. 80 Description Only used by Bring Frigo Remark Goods characteristics Example 1
Applicable Codes	
	1 Frozen
	2 Chilled
	3 Dry
transactionalItemData	Occurrence 0 .. unbounded Type ecom_common:TransactionalItemType
xsd:sequence	Occurrence 1 .. 1
batchNumber	Occurrence 0 .. 1 Type restriction (xsd:string) Length 1 .. 80 Remark Batch number Example 110621
bestBeforeDate	Occurrence 0 .. 1 Type xsd:date Remark Best before date Example 2015-01-01
productionDate	Occurrence 0 .. 1 Type xsd:date Remark Production date Example 2014-09-30
productCertification	Occurrence 0 .. 1 Type shared_common:DocumentReferenceType
xsd:sequence	Occurrence 1 .. 1
entityIdentification	Occurrence 1 .. 1 Type restriction (xsd:string) Length 1 .. 80 Remark Export Certificate Number Example G17GDDGCA1451147
xsd:sequence	Occurrence 1 .. 1
creationDateTime	Occurrence 0 .. 1 Type xsd:dateTime Remark Certificate Date Example 2017-03-01T15:00:00
customerReference	Occurrence 0 .. 1 Type shared_common:DocumentReferenceType
xsd:sequence	Occurrence 1 .. 1
entityIdentification	Occurrence 1 .. 1 Type restriction (xsd:string) Length 1 .. 80 Remark Reference to customer order. Example O00023321
xsd:sequence	Occurrence 1 .. 1
lineItemNumber	Occurrence 0 .. 1 Type xsd:positiveInteger FractionDigits 0 Inclusive 1 .. Remark Customer Order line item number

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DespatchAdvice-inbound

Element/Attribute	Annotation
specification	Example 1
	Occurrence 0 .. 1
	Type shared_common:DocumentReferenceType
<i>xsd:sequence</i>	Occurrence 1 .. 1
entityIdentification	Occurrence 1 .. 1
	Type restriction (xsd:string)
	Length 1 .. 80
	Remark Export Certificate Type
	Example GSP
	Applicable Codes
	EUR
	GSP
purchaseOrder	Occurrence 0 .. 1
	Type shared_common:DocumentReferenceType
<i>xsd:sequence</i>	Occurrence 1 .. 1
entityIdentification	Occurrence 1 .. 1
	Type restriction (xsd:string)
	Length 1 .. 80
	Remark Purchase Order Number
	Example 6CE65B05BE09A
<i>xsd:sequence</i>	Occurrence 1 .. 1
lineItemNumber	Occurrence 0 .. 1
	Type xsd:positiveInteger
	FractionDigits 0
	Inclusive 1 ..
	Remark Purchase Order line item number
	Example 1

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DespatchAdvice-inbound

```
<?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>99999999999999</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>00000000000000</gtin>
        <additionalTradeItemIdentification
additionalTradeItemIdentificationTypeCode="SA">99999999</additionalTradeItemIdentification>
        <additionalTradeItemIdentification
additionalTradeItemIdentificationTypeCode="IN">99999</additionalTradeItemIdentification>
      </transactionalTradeItem>
    </despatchAdviceLineItem>
  </despatchAdviceLogisticUnit>
</despatchAdvice>
</despatchAdviceMessage>
```

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DespatchAdvice-inbound

```
</despatchAdviceLineItem>  
</despatchAdviceLogisticUnit>  
</despatchAdvice>  
</ns0:despatchAdviceMessage>
```