



Message Implementation Guideline

## Despatch Order inbound XML

Model: DespatchAdvice-inbound  
Version: GS1 BMB 3.1  
Variant: 4  
Issue date: 03.04.2019  
Author: Vidar Thoresen

1 Structure .....	3
2 Guideline .....	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

## Structure

Occurrence	Element/Attribute
	<b>despatchAdviceMessage</b>
1 .. 1	xsd:sequence
1 .. 1	<b>sh:StandardBusinessDocumentHeader</b>
1 .. 1	xs:sequence
1 .. 1	<b>HeaderVersion</b>
1 .. unbounded	<b>Sender</b>
1 .. 1	xs:sequence
1 .. 1	<b>Identifier</b>
	<i>Authority</i>
1 .. unbounded	<b>Receiver</b>
1 .. 1	xs:sequence
1 .. 1	<b>Identifier</b>
	<i>Authority</i>
1 .. 1	<b>DocumentIdentification</b>
1 .. 1	xs:sequence
1 .. 1	<b>Standard</b>
1 .. 1	<b>TypeVersion</b>
1 .. 1	<b>Instanceldentification</b>
1 .. 1	<b>Type</b>
1 .. 1	<b>CreationDateAndTime</b>
1 .. 10000	<b>despatchAdvice</b>
1 .. 1	xsd:sequence
1 .. 1	<b>creationDateTime</b>
1 .. 1	<b>documentStatusCode</b>
1 .. 1	xsd:sequence
1 .. 1	<b>despatchAdviceIdentification</b>
1 .. 1	xs:sequence
1 .. 1	<b>entityIdentification</b>
0 .. 1	<b>deliveryTypeCode</b>
	<i>codeListVersion</i>
0 .. 1	<b>note</b>
required	<i>languageCode</i>
1 .. 1	<b>receiver</b>
1 .. 1	xs:sequence
0 .. 1	<b>gln</b>
1 .. 1	<b>shipper</b>
1 .. 1	xs:sequence
0 .. unbounded	<b>additionalPartyIdentification</b>
required	<i>additionalPartyIdentificationTypeCode</i>
1 .. 1	<b>shipTo</b>
1 .. 1	xs:sequence
0 .. unbounded	<b>additionalPartyIdentification</b>
required	<i>additionalPartyIdentificationTypeCode</i>
1 .. 1	<b>despatchInformation</b>
1 .. 1	xs:sequence
0 .. 1	<b>estimatedDeliveryDateTime</b>
0 .. unbounded	<b>despatchAdviceLogisticUnit</b>
1 .. 1	xs:sequence

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



Occurrence	Element/Attribute
<b>0 .. 1</b>	<b>logisticUnitIdentification</b>
1 .. 1	xsd:sequence
1 .. 1	<b>sscc</b>
1 .. 1	xsd:sequence
<b>0 .. unbounded</b>	<b>despatchAdviceLineItem</b>
1 .. 1	xsd:sequence
1 .. 1	<b>lineItemNumber</b>
1 .. 1	<b>despatchedQuantity</b>
	<i>measurementUnitCode</i>
0 .. 1	<b>note</b>
required	<i>languageCode</i>
<b>1 .. 1</b>	<b>transactionalTradeltem</b>
1 .. 1	xsd:sequence
1 .. 1	<b>gtin</b>
0 .. unbounded	<b>additionalTradeltemIdentification</b>
required	<i>additionalTradeltemIdentificationTypeCode</i>
1 .. 1	xsd:sequence
0 .. 1	<b>productVariantIdentifier</b>
<b>0 .. unbounded</b>	<b>transactionalItemData</b>
1 .. 1	xsd:sequence
0 .. 1	<b>batchNumber</b>
0 .. 1	<b>bestBeforeDate</b>
0 .. 1	<b>productionDate</b>

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## Guideline

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

Bold = Element, Italic = Attribute, Grey = Group

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

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Element/Attribute	Annotation
<b>additionalPartyIdentification</b>	<b>Occurrence</b> 0 .. unbounded <b>Type</b> shared_common:AdditionalPartyIdentificationType <b>Length</b> 1 .. 80 <b>Remark</b> <b>Id for shipper (Supplier)</b> <b>Example</b> <b>7890</b>
<i>additionalPartyIdentificationTypeCode</i>	<b>Type</b> restriction (xsd:string) <b>Length</b> 1 .. 80 <b>Use</b> required <b>Example</b> <b>88</b> <b>Applicable Codes</b> <b>88</b> Assigned by the owner of operation
<b>shipTo</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> ecom_common:TransactionalPartyType
xsd:sequence	<b>Occurrence</b> 1 .. 1
<b>additionalPartyIdentification</b>	<b>Occurrence</b> 0 .. unbounded <b>Type</b> shared_common:AdditionalPartyIdentificationType <b>Length</b> 1 .. 80 <b>Remark</b> <b>Warehouse code for Bring</b> <b>Example</b> <b>BERGER</b> <b>Applicable Codes</b> <b>4033</b> Stavanger (Norway) <b>5500</b> Haugesund (Norway) <b>AES</b> Ålesund (Norway) <b>BERGER</b> Berger/Skedsmorset (Norway) <b>BS02</b> Kongshavn (Norway) <b>BS07</b> Trollåsen (Norway) <b>BS17</b> Bergen (Norway) <b>BS26</b> Trondheim (Norway) <b>BS34</b> Tromsø (Norway) <b>FI01</b> (Finland) <b>JKPG01</b> (Sweden) <b>NCD</b> Lierstrand (Norway)
<i>additionalPartyIdentificationTypeCode</i>	<b>Type</b> restriction (xsd:string) <b>Length</b> 1 .. 80 <b>Use</b> required <b>Example</b> <b>88</b> <b>Applicable Codes</b> <b>88</b> Assigned by the owner of operation
<b>despatchInformation</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> ecom_common:DespatchInformationType
xsd:sequence	<b>Occurrence</b> 1 .. 1
<b>estimatedDeliveryDateTime</b>	<b>Occurrence</b> 0 .. 1 <b>Type</b> xsd:dateTime <b>Remark</b> <b>Delivery Date/Time</b> <b>Example</b> <b>2014-10-15T15:00</b>
<b>despatchAdviceLogisticUnit</b>	<b>Occurrence</b> 0 .. unbounded <b>Type</b> despatch_advice:DespatchAdviceLogisticUnitType
xsd:sequence	<b>Occurrence</b> 1 .. 1
<b>logisticUnitIdentification</b>	<b>Occurrence</b> 0 .. 1 <b>Type</b> shared_common:LogisticUnitIdentificationType
xsd:sequence	<b>Occurrence</b> 1 .. 1
<b>sscc</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> shared_common:SSCCType <b>Pattern</b> \d{18} <b>Remark</b> <b>SSCC</b> <b>Example</b> <b>373655645638436204</b>
xsd:sequence	<b>Occurrence</b> 1 .. 1

Bold = Element, Italic = Attribute, Grey = Group

Element/Attribute	Annotation
<b>despatchAdviceLineItem</b>	<b>Occurrence</b> 0 .. unbounded <b>Type</b> despatch_advice:DespatchAdviceLineItemType
<i>xsd:sequence</i>	<b>Occurrence</b> 1 .. 1
<b>lineItemNumber</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> xsd:positiveInteger <b>FractionDigits</b> 0 <b>Inclusive</b> 1 .. <b>Remark</b> <b>Order line number</b> <b>Example</b> 1
<b>despatchedQuantity</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> shared_common:QuantityType <b>Remark</b> <b>Despatch quantity</b> <b>Example</b> 9
<i>measurementUnitCode</i>	<b>Type</b> restriction (xsd:string) <b>Length</b> 1 .. 80 <b>Example</b> PCE <b>Applicable Codes</b> <b>PCE</b> pieces
<b>note</b>	<b>Occurrence</b> 0 .. 1 <b>Type</b> shared_common:Description500Type <b>Length</b> 1 .. 500 <b>Remark</b> <b>Refers to order line - to be returned in the confirmation of the order</b> <b>Example</b> 12346-9082-01
<i>languageCode</i>	<b>Type</b> restriction (xsd:string) <b>Length</b> 1 .. 80 <b>Use</b> required <b>Example</b> NO <b>Applicable Codes</b> <b>NO</b>
<b>transactionalTradeItem</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> ecom_common:TransactionalTradeItemType
<i>xsd:sequence</i>	<b>Occurrence</b> 1 .. 1
<b>gtin</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> shared_common:GTINType <b>Pattern</b> \d{14} <b>Remark</b> <b>GTIN (GS1 article number) if not used fill in zeroes</b> <b>Example</b> 000000000000
<b>additionalTradeItemIdentification</b>	<b>Occurrence</b> 0 .. unbounded <b>Type</b> shared_common:AdditionalTradeItemIdentificationType <b>Length</b> 1 .. 80 <b>Remark</b> <b>Supplier's article number</b> <b>Example</b> 223344 <b>Remark</b> <b>Buyer's item number</b> <b>Example</b> 65432
<i>additionalTradeItemIdentificationTypeCode</i>	<b>Type</b> restriction (xsd:string) <b>Length</b> 1 .. 80 <b>Use</b> required <b>Example</b> SA <b>Example</b> IN <b>Applicable Codes</b> <b>IN</b> Buyer's Item number <b>SA</b> Supplier's article number <b>ZCI</b> CustomsItem (false/true) <b>ZCU</b> Currency Coded <b>ZGR</b> Grade

Bold = Element, Italic = Attribute, Grey = Group





Element/Attribute	Annotation
	<b>Applicable Codes</b>
	<b>ZNP</b> Net Price
	<b>ZTP</b> Total Price
xsd:sequence	<b>Occurrence</b> 1 .. 1
<b>productVariantIdentifier</b>	<b>Occurrence</b> 0 .. 1
	<b>Type</b> restriction (xsd:string)
	<b>Length</b> 1 .. 80
	<b>Description</b> <i>Only used by Bring Frigo</i>
	<b>Remark</b> <b>Goods charcteristics</b>
	<b>Example</b> 1
	<b>Applicable Codes</b>
	<b>1</b> Frozen
	<b>2</b> Chilled
	<b>3</b> Dry
<b>transactionalItemData</b>	<b>Occurrence</b> 0 .. unbounded
	<b>Type</b> ecom_common:TransactionalItemType
xsd:sequence	<b>Occurrence</b> 1 .. 1
<b>batchNumber</b>	<b>Occurrence</b> 0 .. 1
	<b>Type</b> restriction (xsd:string)
	<b>Length</b> 1 .. 80
	<b>Remark</b> <b>Batch number</b>
	<b>Example</b> <b>110621</b>
<b>bestBeforeDate</b>	<b>Occurrence</b> 0 .. 1
	<b>Type</b> xsd:date
	<b>Description</b> <i>Only used by Bring Frigo</i>
	<b>Remark</b> <b>Best before date</b>
	<b>Example</b> <b>2015-01-01</b>
<b>productionDate</b>	<b>Occurrence</b> 0 .. 1
	<b>Type</b> xsd:date
	<b>Description</b> <i>Only used by Bring Frigo</i>
	<b>Remark</b> <b>Production date</b>
	<b>Example</b> <b>2014-09-30</b>

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<?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>

```

```
<additionalTradeltemIdentification
additionalTradeltemIdentificationTypeCode="IN">99999</additionalTradeltemIdentification>
  </transactionalTradeltem>
</despatchAdviceLineItem>
</despatchAdviceLogisticUnit>
</despatchAdvice>
</ns0:despatchAdviceMessage>
```