

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

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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
1 1	L xsd:sequence
1 1	⊤ sh:StandardBusinessDocumentHeader
1 1	xs:sequence
1 1	- HeaderVersion
1 unbounded	→ Sender
1 1	xs:sequence
1 1	
	Authority
1 unbounded	Receiver
1 1	xs:sequence
1 1	Hold Hold
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 — creationDateTime
1 1	documentStatusCode
1 1	xsd:sequence
1 1	→ despatchAdviceIdentification
1 1	xsd:sequence
1 1	- entityldentification
0 1	→ deliveryTypeCode
	└─ codeListVersion
0 1	note
required	└─ languageCode
1 1	receiver
1 1	xsd:sequence
0 1	│
1 1	shipper
1 1	☐ xsd:sequence
0 unbounded	additionalPartyldentification
required	additionalPartyldentificationTypeCode
1 1	shipTo
1 1	xsd:sequence additionalPartyldentification
required	additionalPartyldentificationTypeCode
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



O 1	Occurrence	Element/Attribute
1	0 1	logisticUnitIdentification
1	1 1	
despatchAdviceLineItem	1 1	sscc
1	1 1	xsd:sequence
1	0 unbounded	despatchAdviceLineItem
1 1	1 1	xsd:sequence
measurementUnitCode note languageCode 1 1 transactionalTradeltem saddistionalTradeltemldentification additionalTradeltemldentification additionalTradeltemldentification additionalTradeltemldentificationTypeCode xsd:sequence codeListVersion productVariantIdentifier 0 1 transactionalItradeltemldentificationTypeCode xsd:sequence codeListVersion productVariantIdentifier 1 1 stassequence bestBeforeDate productCertification xsd:sequence bestBeforeDate productCertification xsd:sequence creationDateTime 0 1 productCertification xsd:sequence creationDateTime 0 1 specification xsd:sequence creationDateTime 0 1 specification xsd:sequence creationDateTime 0 1 xsd:sequence codeListVersion productCertification xsd:sequence codeListVersion productCertification xsd:sequence codeListVersion code codeListVersion productCertification xsd:sequence codeListVersion codeListVersion	1 1	- lineltemNumber
0 1 note 1 1 transactionalTradeltem 1 1 xsd:sequence 1 1 gin 0 unbounded additionalTradeltemIdentification required xsd:sequence 1 1 transactionalItradeltemIdentification required xsd:sequence 1 1 transactionalItemDescription languageCode radditionalTradeltemIdentification xsd:sequence codeListVersion - productVariantIdentifier radditionalTradeltemIdentification 1 1 transactionalItemDescription languageCode radditionalTradeltemIdentification xsd:sequence batchNumber batchNumber bestBeforeDate bestBeforeDate productCertification xsd:sequence entityIdentification xsd:sequence creationDateTime 0 1 xsd:sequence 1 1 xsd:sequence entityIdentification xsd:sequence entityIdentification xsd:sequence entityIdentification xsd:sequence entityIdentification xsd:sequence	1 1	
required 1 1 1 1 1 1 0 unbounded required 1 1 1 1 1 required 0 1 1 required 0 1 1 required 0 1 1 1 0 unbounded 1 1 1 required 0 1 1 required 0 1 1 required 0 1 1 required 1		└─ measurementUnitCode
1 1 transactionalTradeltem 1 1 ysd:sequence 0 unbounded required additionalTradeltemIdentification 1 1 additionalTradeltemIdentificationTypeCode 1 1 xsd:sequence 1 1 transactionalTradeltemIdentificationTypeCode 1 1 productVariantIdentifier 1 1 productVariantIdentifier 1 1 batchNumber 0 1 bestBeforeDate 0 1 productCartification 1 1 xsd:sequence 0 1 reativIdentification 1 1 xsd:sequence 0 1 reativIdentification 1 1 xsd:sequence entityIdentification xsd:sequence entityIdentification xsd:sequence	-	
1 1 1 1 0 unbounded required 1 1 0 1 required 1 1 0 1 required 1 1 0 1 required 1 1 1 1 0 unbounded 1 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 0 1 1 1 0 1	required	
1 1	1 1	☐ transactionalTradeItem
o unbounded required 1 1 2	1 1	xsd:sequence
required 1 1 0 1 required 1 1 0 1 required 1 1		
1 1 xsd:sequence 0 1 languageCode codeListVersion 0 1 productVariantIdentifier 1 1 xsd:sequence batchNumber bestBeforeDate productionDate 0 1 productCertification 1 1 xsd:sequence entityIdentification 0 1 xsd:sequence entityIdentification 1 1 xsd:sequence entityIdentification 0 1 xsd:sequence entityIdentification 0 1 xsd:sequence entityIdentification 0 1 xsd:sequence entityIdentification 1 1 xsd:sequence entityIdentification 2 1 xsd:sequence entityIdentification 3 1 xsd:sequence entityIdentification 4 1 xsd:sequence entityIdentification 5 1 xsd:sequence entityIdentification 6 1 xsd:sequence entityIdentification		
0 1 tradeltemDescription 0 1 productVersion 0 unbounded transactionalItemData 1 1 xsd:sequence 0 1 bestBeforeDate 0 1 productCertification 1 1 xsd:sequence 1 1 entityIdentification 1 1 xsd:sequence 0 1 creationDateTime 0 1 productCertification 1 1 xsd:sequence 0 1 creationDateTime 0 1 purchaseOrder 1 1 entityIdentification 1 1 xsd:sequence entityIdentification entityIdentification xsd:sequence entityIdentification		
required		· ·
O 1	•	
O unbounded 1 1 O unbounded 1 1 O 1	requirea	
0 unbounded transactionalItemData 1 1 xsd:sequence 0 1 batchNumber 0 1 bestBeforeDate 0 1 productCertification 1 1 xsd:sequence 1 1 entityIdentification 1 1 xsd:sequence 0 1 creationDateTime 0 1 specification 1 1 xsd:sequence entityIdentification 0 1 purchaseOrder 1 1 xsd:sequence entityIdentification xsd:sequence entityIdentification xsd:sequence entityIdentification xsd:sequence entityIdentification xsd:sequence entityIdentification xsd:sequence entityIdentification	0 1	
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0 1 productCertification 1 1 xsd:sequence 1 1 entityIdentification 1 1 xsd:sequence 0 1 creationDateTime 0 1 specification 1 1 xsd:sequence entityIdentification 0 1 purchaseOrder 1 1 xsd:sequence entityIdentification entityIdentification 1 1 xsd:sequence entityIdentification xsd:sequence	=	
1 1		
1 1	*	•
1 1	· ·	
0 1		
0 1 1 1 1 1 2 1 3 1 4 1 5 1 5 1 6 1 7 1 8 1 9 1 1 1 1 1 1 1 1 1 1 1 2 2 3 2 4 2 4 3 5 2 6 2 7 2 7 2 8 2 8 2 9 2 9 2 1 2 1 2 1 3 1 2 1 3 1 2 1 3 1 3 1 4 2 3 2 4 2 4 3 4 4 4 5 4 6 4 7 4 7 4 8 4 9 4 1 1 1 1 1 1 1 2 1 2 1 3 1 2 1 3 1 4 1 4 1 1 1 2 1 2 1 3 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4	· ·	_ creationDateTime
1 1	0 1	
1 1 entityIdentification 0 1 purchaseOrder 1 1	-	·
0 1		
1 1 1 1 2 xsd:sequence 2 entityldentification 3 xsd:sequence 4 xsd:sequence		
1 1 entityIdentification 1 1 xsd:sequence		•
1 1 xsd:sequence	1 1	· ·
0 1 LineItemNumber	1 1	
	0 1	- lineItemNumber



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Guideline

ement/Attribute	Annotation		
spatchAdviceMessage	Type	despatch_advice:DespatchAdviceMessageType	
ksd:sequence	Occurence	1 1	
sh:StandardBusinessDocumentHeader	Occurence	1 1	
	Туре	sh:StandardBusinessDocumentHeader	
xs:sequence	Occurence	1 1	
 HeaderVersion 	Occurence	1 1	
	Type	xsd:string	
	Example	3.1	
─ Sender	Occurence	1 unbounded	
	Туре	sh:Partner	
xs:sequence	Occurence	1 1	
Identifier	Occurence	1 1 sh:PartnerIdentification	
	Туре		
	Remark	Client Id	
	Example	12345	
∟ Authority	Type	xsd:string	
	Applicable C	EAN International	
	30	ISO 6523: Organization identification	
	ZZ	Mutually defined	
+ Receiver	Occurence	1 unbounded	
- Neceivei	Type	sh:Partner	
xs:sequence	Occurence	1 1	
- Identifier	Occurence	1 1	
lacitine	Type	sh:PartnerIdentification	
	Remark	GLN for receiver of the message	
	Example	7080000950171	
	Туре	xsd:string	
riamonty	Applicable C	codes	
	14	EAN International	
	30	ISO 6523: Organization identification	
	ZZ	Mutually defined	
⊤ DocumentIdentification	Occurence	1 1	
	Туре	sh:DocumentIdentification	
T xs:sequence	Occurence	1 1	
— Standard	Occurence	1 1	
	Type	xsd:string	
	Example	GS1 BMS	
─ TypeVersion	Occurence	1 1	
	Туре	xsd:string	
	Example	3.1	
- Instanceldentifier	Occurence	1 1	
	Туре	xsd:string	
T	Example	GS1	
— Туре	Occurence	1 1	
	Type	xsd:string DespatchAdviceInbound	
CreationDateAndTime	Example		
- GreationDateAndTime	Occurence	1 1 xsd:dateTime	
	Type		
	Remark	Message date/time	
denote had de	Example	2014-09-24T10:15:25	
despatchAdvice	Occurence	1 10000	
	Type	despatch_advice:DespatchAdviceType 1 1	

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ement/Attribute	Annotation	
─ creationDateTime	Occurence	1 1
	Туре	xsd:dateTime
	Remark	Document date/time
	Example	2014-09-25T09:50:00
- documentStatusCode	Occurence	1 1
	Type	shared_common:DocumentStatusEnumerationType
	Example	ORIGINAL
	Applicable C ORIGINAL	odes
- xsd:sequence	Occurence	1 1
⊤ despatchAdviceIdentification	Occurence	1 1
acopaton, tavicolacininoation	Туре	shared_common:EntityIdentificationType
xsd:sequence	Occurence	1 1
_ entityIdentification	Occurence	1 1
- 	Туре	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 C	
	R S	Return-order Sampak
_ codeListVersion	Type	restriction (xsd:string)
— COUCLIST VCISION	Length	1 35
	Applicable C	
	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 Example	required NO
– receiver	Occurence	1 1
10001461	Type	ecom_common:TransactionalPartyType
xsd:sequence	Occurence	1 1
└ gln	Occurence	0 1
	Туре	shared_common:GLNType
	Pattern	\d{13}
	Remark	GLN for receiver (Warehouse)
	Example	7393321401018
─ shipper	Occurence	1 1
I I	Type	ecom_common:TransactionalPartyType

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ent/Attribute	Annotation	
- additionalPartyldentification	Occurence	0 unbounded
,	Туре	shared_common:AdditionalPartyIdentificationType
	Length	1 80
	Remark	Id for shipper (Supplier)
	Example	7890
 additionalPartyIdentificationTypeCode 	Type	restriction (xsd:string)
	Length	1 80
	Use Example	required 88
	Applicable C	
	88	Assigned by the owner of operation
hipTo	Occurence	1 1
-	Type	ecom_common:TransactionalPartyType
xsd:sequence	Occurence	1 1
additionalPartyldentification	Occurence	1 1
	Туре	shared_common:AdditionalPartyIdentificationType
	Length	1 80
	Remark	Warehouse code for Bring
	Example Applicable C	BERGER
	4033	Stavanger (Norway)
	5500	Haugesund (Norway)
	AES	Ålesund (Norway)
	BERGER	Berger/Skedsmokorset (Norway)
	BS02	Kongshavn (Norway)
	BS07	Trollåsen (Norway)
	BS17 BS26	Bergen (Norway)
	BS34	Trondheim (Norway) Tromsø (Norway)
	FI01	(Finland)
	JKPG01	Jönköping (Sweden)
	NCD	Lierstrand (Norway)
 additionalPartyIdentificationTypeCode 	Type	restriction (xsd:string)
	Length	1 80
	Use Example	required 88
	Applicable C	
	88	Assigned by the owner of operation
lespatchInformation	Occurence	1 1
•	Туре	ecom_common:DespatchInformationType
xsd:sequence	Occurence	1 1
estimatedDeliveryDateTime	Occurence	0 1
	Туре	xsd:dateTime
	Remark	Delivery Date/Time
	Example	2014-10-15T15:00
lespatchAdviceLogisticUnit	Occurence	0 unbounded despatch_advice:DespatchAdviceLogisticUnitType
xsd:sequence	Type	despatcn_advice:DespatcnAdviceLogisticUnitType 1 1
- logisticUnitIdentification	Occurence Occurence	0 1
109101100111110011011	Type	shared_common:LogisticUnitIdentificationType
	Occurence	1 1
sscc	Occurence	1 1
	Туре	shared_common:SSCCType
	Pattern	\d{18}
	Remark	SSCC
	Example	373655645638436204

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ent/Attribute	Annotation	
despatchAdviceLineItem	Occurence	0 unbounded
uespatenAuviceEmeitem	Type	despatch_advice:DespatchAdviceLineItemType
- xsd:sequence	Occurence	1 1
- lineltemNumber		1 1
- interterninumber	Occurence	
	Type	xsd:positiveInteger
	FractionDigits Inclusive	1
	Remark	Order line number
	Example	1
⊤ despatchedQuantity	Occurence	1 1
	Туре	shared_common:QuantityType
	Remark	Despatch quantity
	Example	9
measurementUnitCode	Type	restriction (xsd:string)
mododiomonio	Length	1 80
	Example	PCE
	Applicable Co	
	PCE	pieces
noto	Occurence	0 1
note		shared_common:Description500Type
	Type	
	Length	1 500
	Remark	Referens to order line - to be returned in the
		confirmation of the order
	Example	12346-9082-01
– languageCode	Туре	restriction (xsd:string)
— languageCode	Length	1 80
	Use	
		required
	Example Co	NO dop
	Applicable Co	ues
	1	
	EN	
	FI	
	NO	
	SE	
transactionalTradeItem	Occurence	1 1
	Туре	ecom_common:TransactionalTradeItemType
xsd:sequence	Occurence	1 1
│	Occurence	1 1
	Туре	shared_common:GTINType
	Pattern	\d{14}
	Remark	GTIN (GS1 article number) if not used fill in zero
		000000000000
	Example	
_ additionalTradeItemIdentification	Occurence	0 unbounded
	Туре	shared_common:AdditionalTradeItemIdentificationType
	Length	1 80
	Remark	Supplier's aticle number
	Example	223344
	Remark	Buyer's item number
	Example	65432
additional Trade to milder title estar Torre Coult		
□ additionalTradeItemIdentificationTypeCode	Туре	restriction (xsd:string)
	Length	1 80
	Use	required
	Example	SA
	Example	IN
	Applicable Co	

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t/Attribute	Annotation	Annotation		
	Applicable C	odas		
	SA ZCI ZCU ZGR ZNP	Supplier's article number CustomsItem (false/true) Currency Coded Grade Net Price		
ved-eaguanea	ZTP	Total Price 1 1		
xsd:sequence tradeltemDescription	Occurence Occurence	0 1		
- tradetterribescription	Type Length Remark	shared_common:Description200Type 1 200 Item Description		
	Example	Paperbox		
— languageCode	Type Length Use Example	restriction (xsd:string) 1 80 required EN		
	Applicable C	odes		
	EN FI NO SE			
└─ codeListVersion	Type	restriction (xsd:string)		
productVariantIdentifier	Length Occurence	1 35 0 1		
product variant de miner	Type Length Description Remark	restriction (xsd:string) 1 80 Only used by Bring Frigo Goods charcteristics		
	Example	1		
	Applicable C	odes Frozen		
	2	Chilled		
	3	Dry		
transactionalItemData	Occurence Type	unbounded ecom_common:TransactionalItemDataType		
_ xsd:sequence	Occurence	1 1		
- batchNumber	Occurence Type Length	0 1 restriction (xsd:string) 1 80		
	Remark	Batch number		
- bestBeforeDate	Example Occurence	110621 0 1 xsd:date		
	Type Remark	Rest before date 2015-01-01		
└─ productionDate	Example Occurence	0 1		
production bate	Type Remark	xsd:date Production date		
	Example	2014-09-30		
productCertification	Occurence Type	0 1 shared_common:DocumentReferenceType		
T xsd:sequence	Occurence	1 . 1		
- entityldentification	Occurence Type Length	1 1 restriction (xsd:string) 1 80		

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nt/Attribute	Annotation		
		Export Certificate Number G17GDDGCA1451147	
T xsd:sequence	Occurence	1 1	
☐ creationDateTime	Occurence	0 1	
	Туре	xsd:dateTime	
	Remark	Certificate Date	
	Example	2017-03-01T15:00:00	
specification	Occurence	0 1	
	Type	shared_common:DocumentReferenceType	
T xsd:sequence	Occurence	1 1	
- entityIdentification	Occurence	1 1	
	Туре	restriction (xsd:string)	
	Length	1 80	
	Remark	Export Certificate Type	
	Example	GSP	
	Applicable Cod	des	
	EUR		
	GSP		
purchaseOrder		0 1	
		shared_common:DocumentReferenceType	
xsd:sequence		1 1	
entityldentification		1 1	
		restriction (xsd:string)	
	3	1 80	
		Purchase Order Number	
		6CE65B05BE09A	
_ xsd:sequence		1 1	
 lineItemNumber 		0 1	
		xsd:positiveInteger	
	FractionDigits		
	Inclusive	1	
	Remark	Purchase Order line item number	
	Example	1	

DespatchAdvice-inbound; GS1 BMB 3.1; 4 Generated by GEFEG.FX

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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>99999999999/gln>
    </receiver>
    <shipper>
      <additionalPartyIdentification
additionalPartyIdentificationTypeCode="88">000000000</additionalPartyIdentification>
      <address>
        <city>TestCity</city>
        <postalCode>9999</postalCode>
      </address>
    </shipper>
    <shipTo>
      <additionalPartyIdentification
additionalPartyIdentificationTypeCode="88">BS02</additionalPartyIdentification>
    <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>000000000000</gtin>
          <additionalTradeItemIdentification
additionalTradeItemIdentificationTypeCode="SA">99999999</additionalTradeItemIdentification>
```

DespatchAdvice-inbound



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