The Consumer Goods FORUM

GLOBAL UPSTREAM SUPPLY INITIATIVE

UIM Implementation Guide

Despatch, Receipt and Consumption

Version 3.0

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Contributors

Accenture	Nestlé
Alcan	Novozymes
Crown	NSpyre / TIE
Groupe Danone	PipeChain
Firmenich	Procter & Gamble
TCGF	Sara Lee
GS1	Symrise
Henkel KGaA	Tetra Pak
Intelligent Solutions	Unilever

Log of Changes

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01 December 2011	Coen Janssen	UIM Implementation Guide Version 3.0 based on GS1 XML 2.5.

Disclaimer

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MIGs included in this Guide

1. Introduction

1.1. Purpose

This is a guide to help companies implementing the Upstream Integration Model (UIM) version 2.2 and the GS1 eCom XML v2.5 message standards for electronic communication.

The main audience are the implementers of integration projects. The aim is to share best practices and points to consider during implementation. Therefore this guide is a living document to be updated with best practices gained from UIM implementations by companies involved in the Global Upstream Supply Initiative (GUSI). To keep this guide general it covers the most common practices. However, there might be exceptions per Manufacturer and/or Material Supplier and these need to be addressed and documented separately in their specific projects.

The guide has been structured based on the following hierarchy:

- Business Process = a group of coherent business transactions, a business function (e.g. SMI)
- Transaction = an interaction between two parties, based on a business message, as described in the UIM model (e.g. Despatch Notification)
- Message = an electronic data interchange (EDI) message (e.g. Despatch Advice)

The same Business Messages can be used in multiple transactions. Therefore separate message implementation guides have been created for each transaction.

1.2. Recommended reading

Recommended reading:

- Upstream Integration Model, specifically the section on Despatch, Receipt and Consumption (chapters 3 and 4.5) and the mapping of UIM transactions to GS1 Standards (chapter 5).
- We recommend that programmers and people responsible for technical side of the implementation also read the UIM Implementation Guide - Technical Document

1.3. Overview

This guide consists of implementation instructions for two main processes:

1. Delivery without consignment
2. Delivery with consignment (not yet available)

For each of the processes we describe the rules as well as the recommendations as agreed upon by the GUSI Implementation team.

2. General rules

2.1. Parties and roles

The two main parties involved are the Manufacturer and Supplier. They must agree which organization entities they will assign to the various roles in the processes. The following roles need to be addressed:

Role	Remarks
Receiver	Often the business unit / HQ of the Manufacturer, corresponds with the Buyer in the Demand & Supply processes.
Shipper	Often the business unit / HQ of the Supplier, corresponds with the Seller in the Demand & Supply processes.
Ship From	Ship From is the location of the Supplier from where goods are delivered.
Ship To	Ship-To is the location of the Manufacturer where goods are delivered.
Inventory Location	Used to denote the final destination of the goods (drop-off point). This can be an internal warehouse but also a silo for example.

2.2. Relation with physical flow and physical documents

2.2.1. Concepts

Consignment: A consignment is a separately identifiable collection of Consignment Items (available to be) transported from one Consignor to one Consignee via one or more modes of transport as specified in one single transport service contractual document.

Clarifications by TBG3 (UN/CEFACT):

- A Consignment can only have one Transport Service Buyer
- A Consignment can only have one Transport Service Provider
- A Consignment can only have one Consignor
- A Consignment can only have one Consignee
- The Transport Service Buyer can be either the Consignor or the Consignee
- A Consignment is made up of one or more Consignment Items
- A Consignment can be made up of some or all Trade Items (aggregated into Consignment Items) from one or more Shipments
- A Consignment is made up of one or more Customs Items for reporting to Customs
- A Consignment can have one or more Customs UCRs

Shipment: A shipment is an identifiable collection of one or more Trade Items (available to be) transported together from the Seller (Original Consignor/Shipper), to the Buyer (Final/Ultimate Consignee).

Clarifications by TBG3 (UN/CEFACT):

- A Shipment can only be destined for one Buyer
- A Shipment can be made up of some or all Trade Items from one or more Sales Orders
- A Shipment can have only one Customs UCR
- A shipment may form part or all of a Consignment or may be transported in different Consignments.

Consignment Item: Customs tariff code or packaging for transport purposes. A Consignment Item is the lowest level of information within a Consignment. In the case of cross-border consignments each Consignment Item must have only one associated Customs tariff code in order to satisfy Customs requirements.

Clarifications by TBG3 (UN/CEFACT):

- A Consignment Item can contain one or more Trade Items
- A Consignment Item can only have one associated Customs tariff code

2.2.2. Delivery Note

The delivery note is a physical document created by the Supplier that accompanies the goods, and is meant to inform the Manufacturer about the contents of a shipment. Synonyms are packing list and house waybill. In the messages it is allowed to have references to multiple delivery notes. This is why the delivery note reference is present at the line level.

2.2.3. Bill of Lading

The bill of lading is the physical document created by the party arranging the transport, or by the carrier himself, describing the content of a consignment. The document is used for sign-off at pick-up and drop-off of the goods. Synonyms are CMR, Waybill.

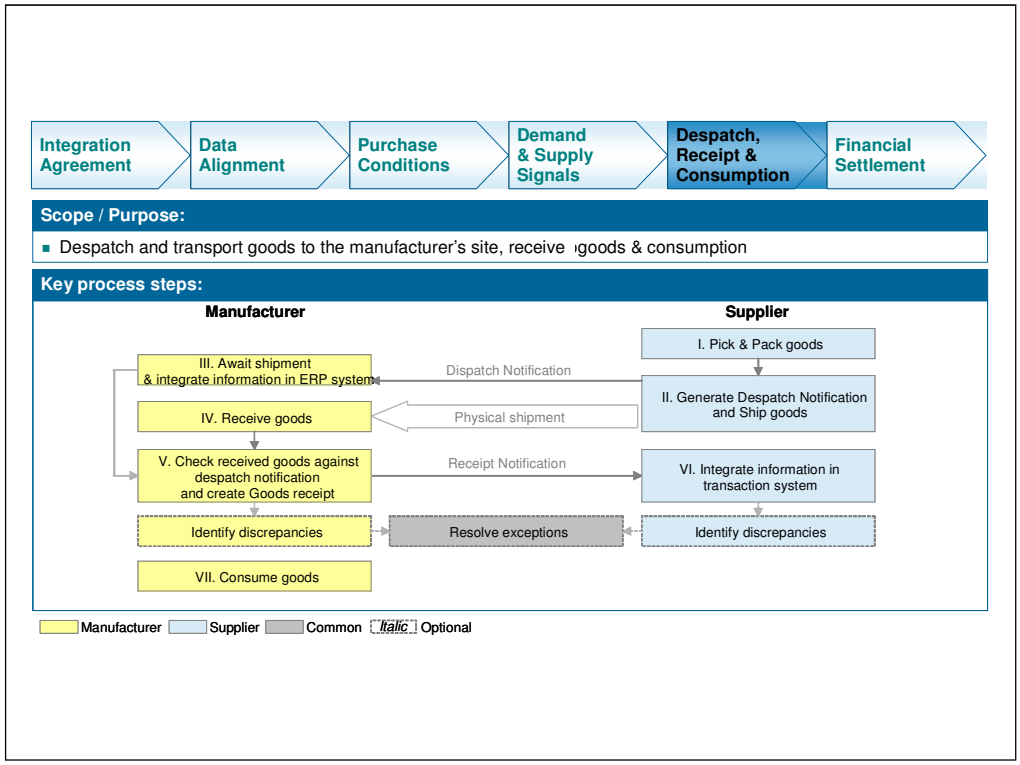
Note: The exact business / legal meaning of bill of lading, CMR and waybill is somewhat different. For messaging purposes we treat them the same, since currently only the bill of lading reference is available in the GS1 standard.

2.2.4. GS1 Logistics Label

The *GS1 Logistics Label* containing the Serial Shipping Container Code (SSCC) allows users to identify consignment items uniquely so that they can be tracked and traced throughout the supply chain.

3. Process – Delivery without Consignment

Figure 3-1 Delivery without consignment



[Source: Upstream Integration Model]

3.1. Introduction

Note: The process does not support the automation of the returns process (rejected goods).

3.2. To document beforehand in the integration agreement

1. The supplier and manufacturer must agree on the level of granularity of the information:
   - shipment level: communication on the delivered goods is done without any reference to the logistic unit that contains them.
   - logistic unit level: communication on the delivered goods is done by listing them per logistic unit.
2. The supplier and manufacturer must agree on the information to be exchanged to support traceability, such as:
   - batch number
   - production date
3. The supplier and manufacturer must agree on the way receipts will be reported: full or partial.
4. The supplier and manufacturer must agree on the maximum time available to the manufacturer to receive the goods and report back.

Points to consider

- The use of the Receipt Notification is key for managing in-transits by the supplier (SMI process), as well as the starting point for financial settlement (TOM and SMI processes).
- The manufacturer and supplier should discuss the synchronisation of the receipt of the Despatch Notification transaction with the receipt of the goods and how they will deal with situations when goods arrive earlier than the transaction.
- If the manufacturer or supplier does not support contract references at line level, the supplier / manufacturer may agree to allow multiple Despatch / Receipt Notifications per shipment (one per contract).

3.3. Rules applying to the Despatch Notification transaction

1. The Despatch Notification numbers should represent the delivery note numbers that are sent on paper with the delivery. The manufacturer needs these numbers so that the right Despatch Notification can be found in the internal systems.
2. If the reference (Contract or Order) number varies, then a separate line items need to be created within the Despatch Notification transaction for each unique contract number. The contract number is the same number as the one used in the Financial Settlement transactions. It is provided by the manufacturer.
3. If the shipment is spread over multiple consignments (e.g. trucks) a separate Despatch Notification per consignment is mandatory.
4. If one consignment contains multiple shipments (to different clients or to different ship-to locations of the same client) then separate Despatch Notifications per client / ship-to location must be sent.

Points to consider

- It is strongly advised not to send one Despatch Notification per material.

3.4. Rules applying to the Receipt Notification transaction

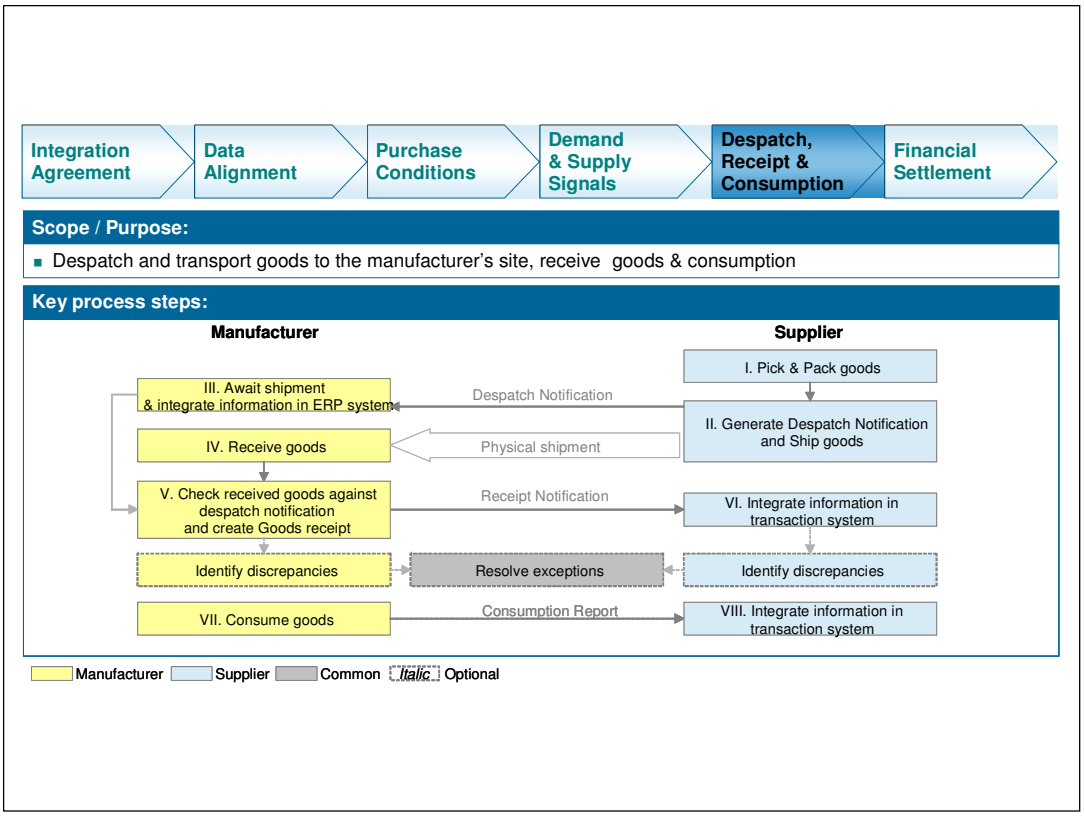
1. One Receipt Notification should be sent per Despatch Notification.
2. The Receipt Notification gives the information for the supplier to determine if stock is still in-transit or not.
   - The manufacturer must include the accepted quantity in the next Replenishment Forecast transaction (SMI only).
   - The supplier must not include the shipment anymore in the next Delivery Plan transaction (SMI only).
3. The accepted quantity is the amount that is agreed for invoicing. This excludes, for instance, damaged products or products received in bad condition..

Points to consider

- If there are multiple Receipt Notifications for one shipment, the supplier can assume (after receipt of the first Receipt Notification) that the whole shipment has been processed.

4. Process - Delivery with Consignment

Figure 4-1 Delivery with consignment



[Source: Upstream Integration Model]

4.1. Introduction

Note: In this section liability point is used to describe the point where the ownership of the stock changes from supplier to manufacturer. The consumed quantity is the quantity that the manufacturer is liable for, and can include the quantity consumed for production and/or the opened containers / packages.

4.2. To document beforehand in the integration agreement

Same as non-consignment with the following additional rules:

1. The supplier and manufacturer must agree on the responsibilities in cases where there is damage to the consignment stock.
2. The manufacturer and supplier must agree on the liability point with respect to transfer of ownership. E.g. as soon as the package is opened.
3. The supplier and manufacturer must agree on the billing period.

4.3. Rules applying to the Despatch Notification transaction

Same as for non-consignment

4.4. Rules applying to the Receipt Notification transaction

Same as non-consignment except for rule 3: The accepted quantity is the amount that is agreed for invoicing. This excludes, for instance, damaged products or products received in bad condition.

1. In a consignment process the consumed quantity is the amount agreed for invoicing, and the accepted quantity is the amount for which the manufacturer assumes stock-keeping responsibility.

4.5. Rules applying to the Consumption Report transaction

1. The manufacturer will send the Consumption Report once per site per billing period for all consignment materials.
2. The consumption report defines the quantity of consignment stock consumed by manufacturer at the accountability point during the agreed billing period. This excludes for instance damaged product, or product received not in good state. This would be rejected during the receiving process and before the agreed liability point.
3. The consumed quantity is the amount that is agreed for liability. The value is calculated as the liability quantity multiplied by the effective price.
4. For materials using a fixed price this will be exchanged through the Purchase Conditions transaction. However where the price is floating or the Purchase Conditions transaction is not used, the price will be contained in the Consumption Report transaction itself.
5. Stock levels are not included by the manufacturer in the consumption transaction but should be taken from the Replenishment Request transaction or the Inventory Transaction.
6. The manufacturer must give consideration to coordinate the timing of transactions containing inventory status information (such as the Replenishment Request) with the timing of the Consumption Report so that the on-hand inventory levels and consumptions match up for the same period. For example, if data is exchanged for a weekly Consumption Report on a Friday at 12:00 CET then the Replenishment Request should also be sent Friday 12:00 CET.

Points to consider

- In case of self-billing: the manufacturer must send the Consumption Report prior to issuing the Self-Billing Invoice.

UIM Message Implementation Guide (MIG)

for

Transaction: Consumption Report

based on message

Consumption Report

BMS Version: 2.5

Contents: Message structure
Detailed guideline

Issue date: 1-12-2011
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GLOBAL UPSTREAM SUPPLY INITIATIVE

Prepared by GS1 Global Office

Transaction: Consumption Report

Structure Chart

St	Occurrence	Element
		deliver:consumptionReport
M	*required*	*creationDateTime*
M	*required*	*documentStatus*
M	1 .. 1	xsd:sequence
O	**0 .. 1**	**documentStructureVersion**
M	1 .. 1	xsd:sequence
M	1 .. 1	**versionIdentification**
M	1 .. 1	xsd:sequence
M	**1 .. 1**	**consumptionReportIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**uniqueCreatorIdentification**
M	**1 .. 1**	**contentOwner**
M	1 .. 1	xsd:sequence
M	1 .. 1	**gln**
O	**0 .. unbounded**	**additionalPartyIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**additionalPartyIdentificationValue**
M	1 .. 1	**additionalPartyIdentificationType**
M	**1 .. 1**	**buyer**
M	1 .. 1	xsd:sequence
M	1 .. 1	**gln**
O	**0 .. unbounded**	**additionalPartyIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**additionalPartyIdentificationValue**
M	1 .. 1	**additionalPartyIdentificationType**
M	**1 .. 1**	**seller**
M	1 .. 1	xsd:sequence
M	1 .. 1	**gln**
O	**0 .. unbounded**	**additionalPartyIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**additionalPartyIdentificationValue**
M	1 .. 1	**additionalPartyIdentificationType**
M	**1 .. unbounded**	**consumptionReportItemLocationInformation**
M	1 .. 1	xsd:sequence
O	**0 .. 1**	**inventoryLocation**
M	1 .. 1	xsd:sequence
M	1 .. 1	**gln**
O	**0 .. unbounded**	**additionalPartyIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**additionalPartyIdentificationValue**
M	1 .. 1	**additionalPartyIdentificationType**
M	**1 .. 1**	**shipTo**
M	1 .. 1	xsd:sequence
M	1 .. 1	**gln**
O	**0 .. unbounded**	**additionalPartyIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**additionalPartyIdentificationValue**
M	1 .. 1	**additionalPartyIdentificationType**
M	**1 .. unbounded**	**consumptionReportLineItem**
M	*required*	*number*

St = Status: M=Mandatory, O=Optional, N=Not used

Transaction: Consumption Report

Structure Chart

St	Occurrence	Element
M	1 .. 1	xsd:sequence
M	**1 .. 1**	**consumedQuantity**
M	1 .. 1	xsd:sequence
M	1 .. 1	**value**
O	**0 .. 1**	**unitOfMeasure**
M	1 .. 1	xsd:sequence
M	1 .. 1	**measurementUnitCodeValue**
O	0 .. 1	**timeBucketSize**
O	**0 .. 1**	**logisticUnitIdentification**
M	1 .. 1	xsd:sequence
M	**1 .. 1**	**serialShipmentContainerCode**
M	1 .. 1	xsd:sequence
M	1 .. 1	**serialShippingContainerCode**
O	**0 .. unbounded**	**additionalLogisticUnitIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**logisticUnitIdentification**
M	**1 .. 1**	**consumptionPeriod**
M	1 .. 1	xsd:choice
M	**1 .. 1**	**timePeriod**
M	*required*	*beginDate*
M	*required*	*endDate*
M	**1 .. 1**	**dateTimePeriod**
M	*required*	*beginDateTime*
M	*required*	*endDateTime*
O	**0 .. 1**	**transactionalItemData**
M	1 .. 1	xsd:sequence
O	0 .. 1	**batchNumber**
O	0 .. 1	**bestBeforeDate**
O	**0 .. 1**	**countryOfOrigin**
M	1 .. 1	xsd:sequence
M	1 .. 1	**countryISOCode**
O	0 .. 1	**itemExpirationDate**
O	0 .. 1	**lotNumber**
O	0 .. 1	**packagingDate**
O	0 .. 1	**productionDate**
O	**0 .. 1**	**purchaseConditions**
M	1 .. 1	xsd:choice
M	**1 .. 1**	**documentLineReference**
M	*required*	*number*
M	1 .. 1	xsd:sequence
O	**0 .. 1**	**documentReference**
O		*creationDateTime*
M	1 .. 1	xsd:sequence
M	1 .. 1	**uniqueCreatorIdentification**
M	**1 .. 1**	**contentOwner**
M	1 .. 1	xsd:sequence
M	1 .. 1	**gln**
O	**0 .. unbounded**	**additionalPartyIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**additionalPartyIdentificationValue**

St = Status: M=Mandatory, O=Optional, N=Not used

Transaction: Consumption Report

Structure Chart

St	Occurrence	Element
M	1 .. 1	additionalPartyIdentificationType
O	**0 .. 1**	**netConsumptionAmount**
M	1 .. 1	xsd:sequence
M	**1 .. unbounded**	**amount**
M	1 .. 1	xsd:sequence
M	**1 .. 1**	**currencyCode**
M	1 .. 1	xsd:sequence
M	1 .. 1	currencyISOCode
M	1 .. 1	monetaryAmount
O	**0 .. 1**	**netPrice**
M	1 .. 1	xsd:sequence
M	**1 .. unbounded**	**amount**
M	1 .. 1	xsd:sequence
M	**1 .. 1**	**currencyCode**
M	1 .. 1	xsd:sequence
M	1 .. 1	currencyISOCode
M	1 .. 1	monetaryAmount
M	**1 .. 1**	**tradeItemIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	gtin
O	**0 .. unbounded**	**additionalTradeItemIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	additionalTradeItemIdentificationValue
M	1 .. 1	additionalTradeItemIdentificationType
O	**0 .. 1**	**totalConsumptionAmount**
M	1 .. 1	xsd:sequence
M	**1 .. unbounded**	**amount**
M	1 .. 1	xsd:sequence
M	**1 .. 1**	**currencyCode**
M	1 .. 1	xsd:sequence
M	1 .. 1	currencyISOCode
M	1 .. 1	monetaryAmount
O	**0 .. 1**	**materialRequirementsPlanner**
M	1 .. 1	xsd:sequence
O	**0 .. unbounded**	**communicationChannel**
M	*required*	*communicationChannelCode*
M	*required*	*communicationNumber*
M	**1 .. 1**	**personOrDepartmentName**
M	1 .. 1	xsd:sequence
M	**1 .. unbounded**	**description**
M	1 .. 1	xsd:sequence
M	**1 .. 1**	**language**
M	1 .. 1	xsd:sequence
M	1 .. 1	languageISOCode
M	1 .. 1	text
O	**0 .. 1**	**extension**
M	1 .. 1	xsd:sequence
O	**0 .. unbounded**	**xsd:any**

St = Status: M=Mandatory, O=Optional, N=Not used

Transaction: Consumption Report

Guideline

Elements	St	Occurrence	Annotations
deliver:consumptionReport	M		Type: deliver:ConsumptionReportType Description: **Contains the material requirements from the buyer to the seller for given trade items and locations for specific time periods.**
creationDateTime	M		Type: xs:dateTime Use: required Description: **This is the date the message was created.** Example: 2009-09-12T08:00:00.000
documentStatus	M		Type: eanucc:DocumentStatusListType Use: required Description: **N/A** Example: ORIGINAL Code/Description * **ORIGINAL** * **REPLACE** Indicates that the original document that was sent should be replaced with the new document. This is only possible when the original document has not yet been processed in the recipient's application.
xsd:sequence	M	1..1	
documentStructureVersion	O	0..1	Type: eanucc:VersionType Description: **N/A**
xsd:sequence	M	1..1	
versionIdentification	M	1..1	Type: xs:string Description: **N/A** Example: 2.5
xsd:sequence	M	1..1	
consumptionReportIdentification	M	1..1	Type: eanucc:EntityIdentificationType Description: **Contains the unique identifier of the business document**
xsd:sequence	M	1..1	
uniqueCreatorIdentification	M	1..1	Type: restriction (xsd:string) Length: 1 .. 80 Description: **N/A** Example: CMD-912-54618595
contentOwner	M	1..1	Type: eanucc:PartyIdentificationType Description: **Uniquely identifies the creator of the instance document**
xsd:sequence	M	1..1	

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
gln	M	1..1	Type: eanucc:GlobalLocationNumberType Pattern: \d{13} Description: **N/A** Example: 8712345678968
additionalPartyIdentification	O	0..unbounded	Type: eanucc:AdditionalPartyIdentificationType Description: **N/A**
xsd:sequence	M	1..1	
additionalPartyIdentificationValue	M	1..1	Type: xs:string Description: **N/A**
additionalPartyIdentificationType	M	1..1	Type: eanucc:AdditionalPartyIdentificationListType Description: **N/A**
buyer	M	1..1	Type: eanucc:PartyIdentificationType Description: **Contains the identification of the party that is buying the goods**
xsd:sequence	M	1..1	
gln	M	1..1	Type: eanucc:GlobalLocationNumberType Pattern: \d{13} Description: **N/A** Example: 8712345678968
additionalPartyIdentification	O	0..unbounded	Type: eanucc:AdditionalPartyIdentificationType Description: **N/A**
xsd:sequence	M	1..1	
additionalPartyIdentificationValue	M	1..1	Type: xs:string Description: **N/A**
additionalPartyIdentificationType	M	1..1	Type: eanucc:AdditionalPartyIdentificationListType Description: **N/A**
seller	M	1..1	Type: eanucc:PartyIdentificationType Description: **Contains the identification of the party that is selling the goods**
xsd:sequence	M	1..1	
gln	M	1..1	Type: eanucc:GlobalLocationNumberType Pattern: \d{13} Description: **N/A** Example: 8712345678968
additionalPartyIdentification	O	0..unbounded	Type: eanucc:AdditionalPartyIdentificationType Description: **N/A**

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
xsd:sequence	M	1..1	
additionalPartyIdentificationValue	M	1..1	Type: xs:string Description: **N/A**
additionalPartyIdentificationType	M	1..1	Type: eanucc:AdditionalPartyIdentificationListType Description: **N/A**
consumptionReportItemLocationInformation	M	1..unbounded	Type: deliver:ConsumptionReportItemLocationInformationType Description: **N/A**
xsd:sequence	M	1..1	
inventoryLocation	O	0..1	Type: eanucc:PartyIdentificationType Description: **Identification of the physical place at the receiving side where the items are stored**
xsd:sequence	M	1..1	
gln	M	1..1	Type: eanucc:GlobalLocationNumberType Pattern: \d{13} Description: **N/A** Example: 8712345678968
additionalPartyIdentification	O	0..unbounded	Type: eanucc:AdditionalPartyIdentificationType Description: **N/A**
xsd:sequence	M	1..1	
additionalPartyIdentificationValue	M	1..1	Type: xs:string Description: **N/A**
additionalPartyIdentificationType	M	1..1	Type: eanucc:AdditionalPartyIdentificationListType Description: **N/A**
shipTo	M	1..1	Type: eanucc:PartyIdentificationType Description: **Contains the identification of the location to which the item were shipped by the seller**
xsd:sequence	M	1..1	
gln	M	1..1	Type: eanucc:GlobalLocationNumberType Pattern: \d{13} Description: **N/A** Example: 8712345678968
additionalPartyIdentification	O	0..unbounded	Type: eanucc:AdditionalPartyIdentificationType Description: **N/A**
xsd:sequence	M	1..1	

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
additionalPartyIdentificationValue	M	1..1	Type: xs:string Description: **N/A**
additionalPartyIdentificationType	M	1..1	Type: eanucc:AdditionalPartyIdentificationListType Description: **N/A**
consumptionReportLineItem	M	1..unbounded	Type: deliver:ConsumptionReportLineItemType Description: **N/A**
number	M		Type: restriction (xsd:nonNegativeInteger) FractionDigits: 0 TotalDigits: 6 Use: required Inclusive: 0 .. Description: **N/A** Example: 1
xsd:sequence	M	1..1	
consumedQuantity	M	1..1	Type: eanucc:QuantityType Description: **The number of units consumed**
xsd:sequence	M	1..1	
value	M	1..1	Type: xs:float Description: **N/A** Example: 15
unitOfMeasure	O	0..1	Type: eanucc:MeasurementUnitCodeType Description: **N/A**
xsd:sequence	M	1..1	
measurementUnitCodeValue	M	1..1	Type: restriction (xsd:string) Length: 1 .. 3 Description: **N/A** Example: EA
timeBucketSize	O	0..1	Type: plan:BucketSizeTypeCodeListType Description: **N/A** Example: DAY Code/Description * **DAY** Information requested in daily buckets * **MONTH** Information requested in monthly buckets * **QUARTER** Information requested in quarterly buckets * **UNSPECIFIED** Information may be provided in whatever time format that is available

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
			Code/Description * **WEEK** Information requested in weekly buckets * **YEAR** Information requested in yearly buckets
logisticUnitIdentification	O	0..1	Type: eanucc:LogisticUnitIdentificationType Description: **Contains the identification of the logistic unit item that applies to the reported goods consumption**
xsd:sequence	M	1..1	
serialShipmentContainerCode	M	1..1	Type: eanucc:SSCCType Description: **A single globally unique serial number which identifies shipping containers or shipping packages**
xsd:sequence	M	1..1	
serialShippingContainerCode	M	1..1	Type: restriction (xsd:string) Pattern: \d{18} Description: **N/A** Example: 881234567000010113
additionalLogisticUnitIdentification	O	0..unbounded	Type: eanucc:AdditionalLogisticUnitIdentificationType Description: **N/A**
xsd:sequence	M	1..1	
logisticUnitIdentification	M	1..1	Type: xs:string Description: **N/A** Example: 1234567890
consumptionPeriod	M	1..1	Type: eanucc:TimeOrDateTimePeriodType Description: **Contains the start and end dates and optionally start and end times of the period in which the goods were consumed**
xsd:choice	M	1..1	
timePeriod	M	1..1	Type: eanucc:TimePeriodType Description: **N/A**
beginDate	M		Type: xs:date Use: required Description: **N/A** Example: 2009-07-17
endDate	M		Type: xs:date Use: required Description: **N/A** Example: 2009-08-17

St = Status: M=Mandatory, O=Optional, N=Not used

Transaction: Consumption Report

Guideline

Elements	St	Occurrence	Annotations
dateTimePeriod	M	1..1	Type: eanucc:DateTimePeriodType Description: **The time or date time period is represented in date time format**
beginDateTime	M		Type: xs:dateTime Use: required Description: **N/A** Example: 2009-09-01T11:01:00.000-05:00
endDateTime	M		Type: xs:dateTime Use: required Description: **N/A** Example: 2009-09-30T11:01:00.000-05:00
transactionalItemData	O	0..1	Type: eanucc:TransactionalItemDataType Description: **Contains additional item data such as batch number and best before date that apply to the reported goods consumption**
xsd:sequence	M	1..1	
batchNumber	O	0..1	Type: xs:string Description: **N/A** Example: AB-423-C72
bestBeforeDate	O	0..1	Type: xs:date Description: **N/A** Example: 2010-09-12
countryOfOrigin	O	0..1	Type: eanucc:ISO3166_1CodeType Description: **Country from which the goods are supplied**
xsd:sequence	M	1..1	
countryISOCode	M	1..1	Type: restriction (xsd:string) Length: 1 .. 3 Description: **N/A** Example: 124
itemExpirationDate	O	0..1	Type: xs:date Description: **N/A** Example: 2010-11-12
lotNumber	O	0..1	Type: xs:string Description: **N/A** Example: 678-CC-976

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
packagingDate	O	0..1	Type: xs:date Description: **N/A** Example: 2009-08-30
productionDate	O	0..1	Type: xs:date Description: **N/A** Example: 2009-08-28
purchaseConditions	O	0..1	Type: eanucc:DocumentOrDocumentLineReferenceType Description: **Contains a reference to the commercial agreement under which the goods are supplied**
xsd:choice	M	1..1	
documentLineReference	M	1..1	Type: eanucc:DocumentLineReferenceType Description: **N/A**
number	M		Type: restriction (xsd:nonNegativeInteger) FractionDigits: 0 TotalDigits: 6 Use: required Inclusive: 0 .. Description: **N/A** Example: 1
xsd:sequence	M	1..1	
documentReference	O	0..1	Type: eanucc:DocumentReferenceType Description: **N/A**
creationDateTime	O		Type: xs:dateTime Description: **N/A** Example: 2009-09-12T08:00:00.000
xsd:sequence	M	1..1	
uniqueCreatorIdentification	M	1..1	Type: restriction (xsd:string) Length: 1 .. 80 Description: **N/A** Example: CMD-912-54618595
contentOwner	M	1..1	Type: eanucc:PartyIdentificationType Description: **Uniquely identifies the creator of the instance document**
xsd:sequence	M	1..1	

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
gln	M	1..1	Type: eanucc:GlobalLocationNumberType Pattern: \d{13} Description: **N/A** Example: 8712345678968
additionalPartyIdentification	O	0..unbounded	Type: eanucc:AdditionalPartyIdentificationType Description: **N/A**
xsd:sequence	M	1..1	
additionalPartyIdentificationValue	M	1..1	Type: xs:string Description: **N/A**
additionalPartyIdentificationType	M	1..1	Type: eanucc:AdditionalPartyIdentificationListType Description: **N/A**
netConsumptionAmount	O	0..1	Type: eanucc:MultiAmountType Description: **The agreed amount to be paid for the total number of units (E.g. KG, EA, Pallet) in agreed currency (e.g. USD, EUR, SFR) of the purchased or consumed goods** Rule: ***GUSI 3.0: Added this element.***
xsd:sequence	M	1..1	
amount	M	1..unbounded	Type: eanucc:AmountType Description: **N/A**
xsd:sequence	M	1..1	
currencyCode	M	1..1	Type: eanucc:ISO4217_CodeType Description: **N/A**
xsd:sequence	M	1..1	
currencyISOCode	M	1..1	Type: restriction (xsd:string) Length: 1 .. 3 Description: **N/A** Example: EUR
monetaryAmount	M	1..1	Type: xs:float Description: **N/A** Example: 15
netPrice	O	0..1	Type: eanucc:MultiAmountType Description: **The agreed amount to be paid per unit (E.g. KG, EA, Pallet) in agreed currency (e.g. USD, EUR, SFR) of the purchased or consumed goods** Rule: ***GUSI 3.0: Added this element.***
xsd:sequence	M	1..1	

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
amount	M	1..unbounded	Type: eanucc:AmountType Description: **N/A**
xsd:sequence	M	1..1	
currencyCode	M	1..1	Type: eanucc:ISO4217_CodeType Description: **N/A**
xsd:sequence	M	1..1	
currencyISOCode	M	1..1	Type: restriction (xsd:string) Length: 1 .. 3 Description: **N/A** Example: EUR
monetaryAmount	M	1..1	Type: xs:float Description: **N/A** Example: 15
tradeItemIdentification	M	1..1	Type: eanucc:TradeItemIdentificationType Description: **Contains the identification of the trade item that applies to the reported goods consumption**
xsd:sequence	M	1..1	
gtin	M	1..1	Type: eanucc:GlobalTradeItemNumberType Pattern: \d{14} Description: **N/A** Example: 40987650000346
additionalTradeItemIdentification	O	0..unbounded	Type: eanucc:AdditionalTradeItemIdentificationType Description: **N/A**
xsd:sequence	M	1..1	
additionalTradeItemIdentificationValue	M	1..1	Type: restriction (xsd:string) Length: 1 .. 80 Description: **N/A** Example: DENIM423
additionalTradeItemIdentificationType	M	1..1	Type: eanucc:AdditionalTradeItemIdentificationListType Description: **N/A** Example: BUYER_ASSIGNED
totalConsumptionAmount	O	0..1	Type: eanucc:MultiAmountType Description: **N/A** Rule: ***GUSI 3.0: Added this element.***

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
xsd:sequence	M	1..1	
amount	M	1..unbounded	Type: eanucc:AmountType Description: **N/A**
xsd:sequence	M	1..1	
currencyCode	M	1..1	Type: eanucc:ISO4217_CodeType Description: **N/A**
xsd:sequence	M	1..1	
currencyISOCode	M	1..1	Type: restriction (xsd:string) Length: 1 .. 3 Description: **N/A** Example: EUR
monetaryAmount	M	1..1	Type: xs:float Description: **N/A** Example: 15
materialRequirementsPlanner	O	0..1	Type: eanucc:ContactType Description: **Contains the name or ID of the person or department responsible for the planning at the buyer side**
xsd:sequence	M	1..1	
communicationChannel	O	0..unbounded	Type: eanucc:CommunicationChannelType Description: **N/A**
communicationChannelCode	M		Type: eanucc:CommunicationChannelCodeListType Use: required Description: **N/A** Example: EMAIL Code/Description * **EMAIL** N/A * **TELEFAX** N/A * **TELEPHONE** N/A * **WEBSITE** N/A
communicationNumber	M		Type: restriction (xsd:string) Length: 1 .. 70 Use: required Description: **N/A** Example: person@company.com

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
personOrDepartmentName	M	1..1	Type: eanucc:MultiDescriptionType Description: **N/A**
xsd:sequence	M	1..1	
description	M	1..unbounded	Type: eanucc:DescriptionType Description: **N/A**
xsd:sequence	M	1..1	
language	M	1..1	Type: eanucc:ISO639_CodeType Description: **N/A**
xsd:sequence	M	1..1	
languageISOCode	M	1..1	Type: restriction (xsd:string) Length: 1 .. 5 Description: **N/A** Example: EN
text	M	1..1	Type: restriction (xsd:string) Length: 1 .. 70 Description: **N/A** Example: John Doe
extension	O	0..1	Type: eanucc:ExtensionType Description: **N/A**
xsd:sequence	M	1..1	
xsd:any	O	0..unbounded	Description: **N/A**

St = Status: M=Mandatory, O=Optional, N=Not used

UIM Message Implementation Guide (MIG)

for

Transaction: Despatch Notification

based on message

Despatch Advice

BMS Version: 2.5

Contents: Message structure
Detailed guideline

Issue date: 1-12-2011
Version: 3.0 - December 2011

GLOBAL UPSTREAM SUPPLY INITIATIVE

Prepared by GS1 Global Office

Structure Chart

St	Occurrence	Element
		deliver:despatchAdvice
M	*required*	*creationDateTime*
M	*required*	*documentStatus*
M	1 .. 1	xsd:sequence
M	**1 .. 1**	**documentStructureVersion**
M	1 .. 1	xsd:sequence
M	1 .. 1	**versionIdentification**
M	1 .. 1	xsd:sequence
M	**1 .. 1**	**despatchAdviceIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**uniqueCreatorIdentification**
M	**1 .. 1**	**contentOwner**
M	1 .. 1	xsd:sequence
M	1 .. 1	**gln**
O	**0 .. unbounded**	**additionalPartyIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**additionalPartyIdentificationValue**
M	1 .. 1	**additionalPartyIdentificationType**
O	**0 .. 1**	**shipFrom**
M	1 .. 1	xsd:sequence
M	1 .. 1	**gln**
O	**0 .. unbounded**	**additionalPartyIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**additionalPartyIdentificationValue**
M	1 .. 1	**additionalPartyIdentificationType**
M	**1 .. 1**	**shipTo**
M	1 .. 1	xsd:sequence
M	1 .. 1	**gln**
O	**0 .. unbounded**	**additionalPartyIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**additionalPartyIdentificationValue**
M	1 .. 1	**additionalPartyIdentificationType**
M	**1 .. 1**	**receiver**
M	1 .. 1	xsd:sequence
M	1 .. 1	**gln**
O	**0 .. unbounded**	**additionalPartyIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**additionalPartyIdentificationValue**
M	1 .. 1	**additionalPartyIdentificationType**
O	**0 .. 1**	**carrier**
M	1 .. 1	xsd:sequence
M	1 .. 1	**gln**
O	**0 .. unbounded**	**additionalPartyIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**additionalPartyIdentificationValue**
M	1 .. 1	**additionalPartyIdentificationType**
M	**1 .. 1**	**shipper**
M	1 .. 1	xsd:sequence
M	1 .. 1	**gln**
O	**0 .. unbounded**	**additionalPartyIdentification**

St = Status: M=Mandatory, O=Optional, N=Not used

Structure Chart

St	Occurrence	Element
M	1 .. 1	xsd:sequence
M	1 .. 1	**additionalPartyIdentificationValue**
M	1 .. 1	**additionalPartyIdentificationType**
O	**0 .. 1**	**inventoryLocation**
M	1 .. 1	xsd:sequence
M	1 .. 1	**gln**
O	**0 .. unbounded**	**additionalPartyIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**additionalPartyIdentificationValue**
M	1 .. 1	**additionalPartyIdentificationType**
O	**0 .. 1**	**deliveryAndTransportInformation**
M	1 .. 1	xsd:sequence
O	0 .. 1	**deliveryOrTransportTerms**
O	0 .. 1	**licensePlate**
O	0 .. 1	**modeOfTransport**
O	**0 .. 1**	**billOfLadingNumber**
M	1 .. 1	xsd:sequence
M	1 .. 1	**referenceDateTime**
M	1 .. 1	**referenceIdentification**
O	**0 .. 1**	**additionalDeliveryOrTransportTerms**
M	1 .. 1	xsd:sequence
M	**1 .. 1**	**language**
M	1 .. 1	xsd:sequence
M	1 .. 1	**languageISOCode**
M	1 .. 1	**text**
M	**1 .. 1**	**despatchInformation**
M	1 .. 1	xsd:sequence
M	1 .. 1	xsd:choice
M	**1 .. 1**	**estimatedDelivery**
M	1 .. 1	xsd:sequence
O	0 .. 1	**actualShipDateTime**
M	1 .. 1	xsd:choice
M	**1 .. 1**	**estimatedDeliveryPeriod**
M	1 .. 1	xsd:choice
M	**1 .. 1**	**timePeriod**
M	*required*	*beginDate*
M	*required*	*endDate*
M	**1 .. 1**	**dateTimePeriod**
M	*required*	*beginDateTime*
M	*required*	*endDateTime*
M	1 .. 1	xsd:choice
M	**1 .. unbounded**	**despatchAdviceLogisticUnitLineItem**
M	1 .. 1	xsd:sequence
M	**1 .. 1**	**logisticUnitIdentification**
M	1 .. 1	xsd:sequence
M	**1 .. 1**	**serialShipmentContainerCode**
M	1 .. 1	xsd:sequence
M	1 .. 1	**serialShippingContainerCode**
O	**0 .. unbounded**	**additionalLogisticUnitIdentification**
M	1 .. 1	xsd:sequence

St = Status: M=Mandatory, O=Optional, N=Not used

Structure Chart

St	Occurrence	Element
M	1 .. 1	logisticUnitIdentification
O	**0 .. 1**	**packageType**
M	1 .. 1	xsd:sequence
M	1 .. 1	packageTypeDescriptionCodeValue
M	1 .. 1	xsd:sequence
O	**0 .. unbounded**	**despatchAdviceItemContainmentLineItem**
M	*required*	*number*
M	1 .. 1	xsd:sequence
M	**1 .. 1**	**containedItemIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	gtin
O	**0 .. unbounded**	**additionalTradeItemIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	additionalTradeItemIdentificationValue
M	1 .. 1	additionalTradeItemIdentificationType
O	**0 .. 1**	**deliveryNote**
M	*required*	*number*
M	1 .. 1	xsd:sequence
M	**1 .. 1**	**reference**
M	1 .. 1	xsd:sequence
M	1 .. 1	referenceDateTime
M	1 .. 1	referenceIdentification
O	**0 .. 1**	**purchaseOrder**
M	1 .. 1	xsd:choice
M	**1 .. 1**	**documentLineReference**
M	*required*	*number*
M	1 .. 1	xsd:sequence
M	**1 .. 1**	**documentReference**
O		*creationDateTime*
M	1 .. 1	xsd:sequence
M	1 .. 1	uniqueCreatorIdentification
M	**1 .. 1**	**contentOwner**
M	1 .. 1	xsd:sequence
M	1 .. 1	gln
O	**0 .. unbounded**	**additionalPartyIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	additionalPartyIdentificationValue
M	1 .. 1	additionalPartyIdentificationType
O	**0 .. 1**	**purchaseConditions**
M	1 .. 1	xsd:choice
M	**1 .. 1**	**documentLineReference**
M	*required*	*number*
M	1 .. 1	xsd:sequence
M	**1 .. 1**	**documentReference**
O		*creationDateTime*
M	1 .. 1	xsd:sequence
M	1 .. 1	uniqueCreatorIdentification
M	**1 .. 1**	**contentOwner**
M	1 .. 1	xsd:sequence
M	1 .. 1	gln

St = Status: M=Mandatory, O=Optional, N=Not used

Structure Chart

St	Occurrence	Element
O	**0 .. unbounded**	**additionalPartyIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**additionalPartyIdentificationValue**
M	1 .. 1	**additionalPartyIdentificationType**
O	**0 .. 1**	**extendedAttributes**
M	1 .. 1	xsd:sequence
O	0 .. 1	**batchNumber**
O	0 .. 1	**bestBeforeDate**
O	**0 .. 1**	**countryOfOrigin**
M	1 .. 1	xsd:sequence
M	1 .. 1	**countryISOCode**
O	0 .. 1	**itemExpirationDate**
O	0 .. 1	**lotNumber**
O	0 .. 1	**productionDate**
O	**0 .. 1**	**productQualityIndication**
M	1 .. 1	xsd:sequence
M	1 .. 1	**value**
O	**0 .. 1**	**unitOfMeasure**
M	1 .. 1	xsd:sequence
M	1 .. 1	**measurementUnitCodeValue**
M	1 .. 1	xsd:sequence
M	**1 .. 1**	**quantityContained**
M	1 .. 1	xsd:sequence
M	1 .. 1	**value**
O	**0 .. 1**	**unitOfMeasure**
M	1 .. 1	xsd:sequence
M	1 .. 1	**measurementUnitCodeValue**

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
deliver:despatchAdvice	M		Type: deliver:DespatchAdviceType Description: **The advice message that the Shipper sends to the Receiver**
creationDateTime	M		Type: xs:dateTime Use: required Description: **This is the date the message was created.** Example: `2009-09-12T08:00:00.000`
documentStatus	M		Type: eanucc:DocumentStatusListType Use: required Description: **N/A** Example: `ORIGINAL` Code/Description * **ORIGINAL** * **REPLACE** Indicates that the original document that was sent should be replaced with the new document. This is only possible when the original document has not yet been processed in the recipient's application.
xsd:sequence	M	1..1	
documentStructureVersion	M	1..1	Type: eanucc:VersionType Description: **N/A** Rule: ***Optional in BMS, mandatory in MIG. Contains the BMS version number.***
xsd:sequence	M	1..1	
versionIdentification	M	1..1	Type: xs:string Description: **N/A** Example: `2.5`
xsd:sequence	M	1..1	
despatchAdviceIdentification	M	1..1	Type: eanucc:EntityIdentificationType Description: **Unique identifier for the Despatch Advice Message**
xsd:sequence	M	1..1	
uniqueCreatorIdentification	M	1..1	Type: restriction (xsd:string) Length: 1 .. 80 Description: **N/A** Example: `CMD-912-54618595`
contentOwner	M	1..1	Type: eanucc:PartyIdentificationType Description: **Uniquely identifies the creator of the instance document**
xsd:sequence	M	1..1	

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
gln	M	1..1	Type: eanucc:GlobalLocationNumberType Pattern: \d{13} Description: **N/A** Example: 8712345678968
additionalPartyIdentification	O	0..unbounded	Type: eanucc:AdditionalPartyIdentificationType Description: **N/A**
xsd:sequence	M	1..1	
additionalPartyIdentificationValue	M	1..1	Type: xs:string Description: **N/A**
additionalPartyIdentificationType	M	1..1	Type: eanucc:AdditionalPartyIdentificationListType Description: **N/A**
shipFrom	O	0..1	Type: eanucc:PartyIdentificationType Description: **Identification of the location from where goods will be or have been shipped**
xsd:sequence	M	1..1	
gln	M	1..1	Type: eanucc:GlobalLocationNumberType Pattern: \d{13} Description: **N/A** Example: 8712345678968
additionalPartyIdentification	O	0..unbounded	Type: eanucc:AdditionalPartyIdentificationType Description: **N/A**
xsd:sequence	M	1..1	
additionalPartyIdentificationValue	M	1..1	Type: xs:string Description: **N/A**
additionalPartyIdentificationType	M	1..1	Type: eanucc:AdditionalPartyIdentificationListType Description: **N/A**
shipTo	M	1..1	Type: eanucc:PartyIdentificationType Description: **Identification of the location to where goods will be or have been shipped**
xsd:sequence	M	1..1	
gln	M	1..1	Type: eanucc:GlobalLocationNumberType Pattern: \d{13} Description: **N/A** Example: 8712345678968
additionalPartyIdentification	O	0..unbounded	Type: eanucc:AdditionalPartyIdentificationType Description: **N/A**

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations	
xsd:sequence	M	1..1		
additionalPartyIdentificationValue	M	1..1	Type:	xs:string
			Description:	**N/A**
additionalPartyIdentificationType	M	1..1	Type:	eanucc:AdditionalPartyIdentificationListType
			Description:	**N/A**
receiver	M	1..1	Type:	eanucc:PartyIdentificationType
			Description:	**A party who engages in receiving goods**
xsd:sequence	M	1..1		
gln	M	1..1	Type:	eanucc:GlobalLocationNumberType
			Pattern:	\d{13}
			Description:	**N/A**
			Example:	8712345678968
additionalPartyIdentification	O	0..unbounded	Type:	eanucc:AdditionalPartyIdentificationType
			Description:	**N/A**
xsd:sequence	M	1..1		
additionalPartyIdentificationValue	M	1..1	Type:	xs:string
			Description:	**N/A**
additionalPartyIdentificationType	M	1..1	Type:	eanucc:AdditionalPartyIdentificationListType
			Description:	**N/A**
carrier	O	0..1	Type:	eanucc:PartyIdentificationType
			Description:	**Uniquely identifies the entity that transports the shipment**
xsd:sequence	M	1..1		
gln	M	1..1	Type:	eanucc:GlobalLocationNumberType
			Pattern:	\d{13}
			Description:	**N/A**
			Example:	8712345678968
additionalPartyIdentification	O	0..unbounded	Type:	eanucc:AdditionalPartyIdentificationType
			Description:	**N/A**
xsd:sequence	M	1..1		
additionalPartyIdentificationValue	M	1..1	Type:	xs:string
			Description:	**N/A**
additionalPartyIdentificationType	M	1..1	Type:	eanucc:AdditionalPartyIdentificationListType
			Description:	**N/A**

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations	
shipper	M	1..1	Type:	eanucc:PartyIdentificationType
			Description:	**A party who engages in shipping goods**
xsd:sequence	M	1..1		
gln	M	1..1	Type:	eanucc:GlobalLocationNumberType
			Pattern:	\d{13}
			Description:	**N/A**
			Example:	8712345678968
additionalPartyIdentification	O	0..unbounded	Type:	eanucc:AdditionalPartyIdentificationType
			Description:	**N/A**
xsd:sequence	M	1..1		
additionalPartyIdentificationValue	M	1..1	Type:	xs:string
			Description:	**N/A**
additionalPartyIdentificationType	M	1..1	Type:	eanucc:AdditionalPartyIdentificationListType
			Description:	**N/A**
inventoryLocation	O	0..1	Type:	eanucc:PartyIdentificationType
			Description:	**Identification of the location where the goods will be or have been stored**
xsd:sequence	M	1..1		
gln	M	1..1	Type:	eanucc:GlobalLocationNumberType
			Pattern:	\d{13}
			Description:	**N/A**
			Example:	8712345678968
additionalPartyIdentification	O	0..unbounded	Type:	eanucc:AdditionalPartyIdentificationType
			Description:	**N/A**
xsd:sequence	M	1..1		
additionalPartyIdentificationValue	M	1..1	Type:	xs:string
			Description:	**N/A**
additionalPartyIdentificationType	M	1..1	Type:	eanucc:AdditionalPartyIdentificationListType
			Description:	**N/A**
deliveryAndTransportInformation	O	0..1	Type:	deliver:DeliveryAndTransportInformationType
			Description:	**N/A**
xsd:sequence	M	1..1		
deliveryOrTransportTerms	O	0..1	Type:	deliver:IncotermCodeListType
			Description:	**Code specifying the terms of delivery or transport**
			Example:	CFR

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
			Code/Description * **CFR** Cost and Freight * **CIF** Cost, Insurance and Freight * **CIP** Carriage and Insurance Paid To * **CPT** Carriage Paid To * **DAF** Delivered at Frontier * **DDP** Delivered Duty Paid * **DDU** Delivered Duty Unpaid * **DEQ** Delivered Ex Quay * **DES** Delivered Ex Ship * **EXW** ExWorks * **FAS** Free Alongside Ship * **FCA** Free Carrier * **FOB** Free On Board
licensePlate	O	0..1	Type: xs:string Description: **N/A** Example: AGV0876
modeOfTransport	O	0..1	Type: eanucc:TransportationMethodTypeCodeListType Description: **Code specifying the name of a mode of transport** Example: RAIL Code/Description * **AIR** A movement of material by air * **INLAND_WATERWAY** Transport by which goods are moved via an inland body of water * **LESS_THAN_TRUCK_LOAD** The transportation of relatively small freight. The alternatives to LTL carriers are parcel carriers or full truckload carriers. * **MOTOR_TRUCKLOAD** A movement of material by motor truckload * **OCEAN** Transport by sea / ocean * **RAIL** A movement of material to the consignee via rail
billOfLadingNumber	O	0..1	Type: eanucc:ReferenceType Description: **Bill of lading: A document which evidences a contract of carriage and the taking over or loading of goods by the carrier, and by which the carrier undertakes to deliver the goods against surrender of the document.**
xsd:sequence	M	1..1	
referenceDateTime	M	1..1	Type: xs:dateTime Description: **N/A** Example: 2009-09-12T00:00:00.000

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
referenceIdentification	M	1..1	Type: restriction (xsd:string) Length: 1 .. 80 Description: **N/A** Example: `PO-487-09`
additionalDeliveryOrTransportTerms	O	0..1	Type: eanucc:DescriptionType Description: **Delivery of Transport Terms Location is used in conjunction with Delivery of Transport Terms Incoterm. The Delivery of Transport Terms Location is a free text field to represent the location where the delivery of transport terms apply** Rule: ***GUSI 3.0: Added this element. Only use this element to specify a location related to the incoterms, such as Rotterdam. Do NOT use the element to specify additional delivery instructions such as Handle With Care.***
xsd:sequence	M	1..1	
language	M	1..1	Type: eanucc:ISO639_CodeType Description: **N/A**
xsd:sequence	M	1..1	
languageISOCode	M	1..1	Type: restriction (xsd:string) Fixed: Default: en Default: en Length: 1 .. 5 Description: **N/A** Example: `EN`
text	M	1..1	Type: restriction (xsd:string) Length: 1 .. 70 Description: **N/A** Example: `Description text`
despatchInformation	M	1..1	Type: deliver:DespatchInformationType Description: **N/A**
xsd:sequence	M	1..1	
xsd:choice	M	1..1	
estimatedDelivery	M	1..1	Type: deliver:EstimatedDeliveryType Description: **N/A**
xsd:sequence	M	1..1	
actualShipDateTime	O	0..1	Type: xs:dateTime Description: **N/A** Example: `2010-02-09T13:00:01.000`

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations	
xsd:choice	M	1..1		
estimatedDeliveryPeriod	M	1..1	Type:	eanucc:TimeOrDateTimePeriodType
			Description:	**Provides the estimated delivery period for the shipment**
xsd:choice	M	1..1		
timePeriod	M	1..1	Type:	eanucc:TimePeriodType
			Description:	**N/A**
beginDate	M		Type:	xs:date
			Use:	required
			Description:	**N/A**
			Example:	2009-07-17
endDate	M		Type:	xs:date
			Use:	required
			Description:	**N/A**
			Example:	2009-08-17
dateTimePeriod	M	1..1	Type:	eanucc:DateTimePeriodType
			Description:	**The time or date time period is represented in date time format**
beginDateTime	M		Type:	xs:dateTime
			Use:	required
			Description:	**N/A**
			Example:	2009-09-01T11:01:00.000-05:00
endDateTime	M		Type:	xs:dateTime
			Use:	required
			Description:	**N/A**
			Example:	2009-09-30T11:01:00.000-05:00
xsd:choice	M	1..1		
despatchAdviceLogisticUnitLineItem	M	1..unbounded	Type:	deliver:DespatchAdviceLogisticUnitLineItemType
			Description:	**Information on the line item contents of a single despatch unit, within the context of the despatch Advice**
xsd:sequence	M	1..1		
logisticUnitIdentification	M	1..1	Type:	eanucc:LogisticUnitIdentificationType
			Description:	**N/A**
xsd:sequence	M	1..1		

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
serialShipmentContainerCode	M	1..1	Type: eanucc:SSCCType Description: **A single globally unique serial number which identifies shipping containers or shipping packages**
xsd:sequence	M	1..1	
serialShippingContainerCode	M	1..1	Type: restriction (xsd:string) Pattern: \d{18} Description: **N/A** Example: 881234567000010113
additionalLogisticUnitIdentification	O	0..unbounded	Type: eanucc:AdditionalLogisticUnitIdentificationType Description: **N/A**
xsd:sequence	M	1..1	
logisticUnitIdentification	M	1..1	Type: xs:string Description: **N/A** Example: 1234567890
packageType	O	0..1	Type: deliver:PackageTypeDescriptionCodeType Description: **Code specifying the type of package**
xsd:sequence	M	1..1	
packageTypeDescriptionCodeValue	M	1..1	Type: restriction (xsd:string) Length: 1 .. 3 Description: **N/A** Example: PC
xsd:sequence	M	1..1	
despatchAdviceItemContainmentLineItem	O	0..unbounded	Type: deliver:DespatchAdviceItemContainmentLineItemType Description: **Information at the line item level contained within an item on a despatch advice**
number	M		Type: restriction (xsd:nonNegativeInteger) FractionDigits: 0 TotalDigits: 6 Use: required Inclusive: 0 .. Description: **N/A** Example: 1
xsd:sequence	M	1..1	
containedItemIdentification	M	1..1	Type: eanucc:TradeItemIdentificationType Description: **The trade item identification of the goods that were delivered**
xsd:sequence	M	1..1	

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
gtin	M	1..1	Type: eanucc:GlobalTradeItemNumberType Pattern: \d{14} Description: **N/A** Example: 40987650000346
additionalTradeItemIdentification	O	0..unbounded	Type: eanucc:AdditionalTradeItemIdentificationType Description: **N/A**
xsd:sequence	M	1..1	
additionalTradeItemIdentificationValue	M	1..1	Type: restriction (xsd:string) Length: 1 .. 80 Description: **N/A** Example: DENIM423
additionalTradeItemIdentificationType	M	1..1	Type: eanucc:AdditionalTradeItemIdentificationListType Description: **N/A** Example: BUYER_ASSIGNED
deliveryNote	O	0..1	Type: eanucc:DetailLevelReferenceType Description: **Reference to the physical document that accompanies the delivered goods**
number	M		Type: restriction (xsd:nonNegativeInteger) FractionDigits: 0 TotalDigits: 6 Use: required Inclusive: 0 .. Description: **N/A** Example: 1
xsd:sequence	M	1..1	
reference	M	1..1	Type: eanucc:ReferenceType Description: **N/A**
xsd:sequence	M	1..1	
referenceDateTime	M	1..1	Type: xs:dateTime Description: **N/A** Example: 2009-09-12T00:00:00.000
referenceIdentification	M	1..1	Type: restriction (xsd:string) Length: 1 .. 80 Description: **N/A** Example: PO-487-09
purchaseOrder	O	0..1	Type: eanucc:DocumentOrDocumentLineReferenceType Description: **Reference to the business document that triggered the delivery of the goods**

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
xsd:choice	M	1..1	
documentLineReference	M	1..1	Type: eanucc:DocumentLineReferenceType Description: **N/A**
number	M		Type: restriction (xsd:nonNegativeInteger) FractionDigits: 0 TotalDigits: 6 Use: required Inclusive: 0 .. Description: **N/A** Example: 1
xsd:sequence	M	1..1	
documentReference	M	1..1	Type: eanucc:DocumentReferenceType Description: **N/A** Rule: ***Optional in BMS, mandatory in GUSI MIG. If a reference to purchase order is made the document reference number MUST be specified.***
creationDateTime	O		Type: xs:dateTime Description: **N/A** Example: 2009-09-12T08:00:00.000
xsd:sequence	M	1..1	
uniqueCreatorIdentification	M	1..1	Type: restriction (xsd:string) Length: 1 .. 80 Description: **N/A** Example: CMD-912-54618595
contentOwner	M	1..1	Type: eanucc:PartyIdentificationType Description: **Uniquely identifies the creator of the instance document**
xsd:sequence	M	1..1	
gln	M	1..1	Type: eanucc:GlobalLocationNumberType Pattern: \d{13} Description: **N/A** Example: 8712345678968
additionalPartyIdentification	O	0..unbounded	Type: eanucc:AdditionalPartyIdentificationType Description: **N/A**
xsd:sequence	M	1..1	
additionalPartyIdentificationValue	M	1..1	Type: xs:string Description: **N/A**

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
additionalPartyIdentificationType	M	1..1	Type: eanucc:AdditionalPartyIdentificationListType Description: **N/A**
purchaseConditions	O	0..1	Type: eanucc:DocumentOrDocumentLineReferenceType Description: **Reference to the business document that describes the commercial conditions under which the goods are delivered**
xsd:choice	M	1..1	
documentLineReference	M	1..1	Type: eanucc:DocumentLineReferenceType Description: **N/A**
number	M		Type: restriction (xsd:nonNegativeInteger) FractionDigits: 0 TotalDigits: 6 Use: required Inclusive: 0 .. Description: **N/A** Example: 1
xsd:sequence	M	1..1	
documentReference	M	1..1	Type: eanucc:DocumentReferenceType Description: **N/A** Rule: ***Optional in BMS, mandatory in GUSI MIG. If a reference to purchase conditions is made the document reference number MUST be specified.***
creationDateTime	O		Type: xs:dateTime Description: **N/A** Example: 2009-09-12T08:00:00.000
xsd:sequence	M	1..1	
uniqueCreatorIdentification	M	1..1	Type: restriction (xsd:string) Length: 1 .. 80 Description: **N/A** Example: CMD-912-54618595
contentOwner	M	1..1	Type: eanucc:PartyIdentificationType Description: **Uniquely identifies the creator of the instance document**
xsd:sequence	M	1..1	
gln	M	1..1	Type: eanucc:GlobalLocationNumberType Pattern: \d{13} Description: **N/A** Example: 8712345678968

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
additionalPartyIdentification	O	0..unbounded	Type: eanucc:AdditionalPartyIdentificationType Description: **N/A**
xsd:sequence	M	1..1	
additionalPartyIdentificationValue	M	1..1	Type: xs:string Description: **N/A**
additionalPartyIdentificationType	M	1..1	Type: eanucc:AdditionalPartyIdentificationListType Description: **N/A**
extendedAttributes	O	0..1	Type: eanucc:TransactionalItemDataType Description: **N/A**
xsd:sequence	M	1..1	
batchNumber	O	0..1	Type: xs:string Description: **N/A** Rule: ***Number assigned by the seller of the goods (inventory reporting party).*** Example: AB-423-C72
bestBeforeDate	O	0..1	Type: xs:date Description: **N/A** Example: 2010-09-12
countryOfOrigin	O	0..1	Type: eanucc:ISO3166_1CodeType Description: **Country from which the goods are supplied**
xsd:sequence	M	1..1	
countryISOCode	M	1..1	Type: restriction (xsd:string) Length: 1 .. 3 Description: **N/A** Example: 124
itemExpirationDate	O	0..1	Type: xs:date Description: **N/A** Example: 2010-11-12
lotNumber	O	0..1	Type: xs:string Description: **N/A** Rule: ***The vendor lot number as defined by the manufacturer of the sold goods.*** Example: 678-CC-976
productionDate	O	0..1	Type: xs:date Description: **N/A** Example: 2009-08-28

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
productQualityIndication	O	0..1	Type: eanucc:QuantityType Description: **Number used to indicate the quality of a specific batch of products. Optionally a Unit of Measure can be specified, which means that the number is expressed per unit**
xsd:sequence	M	1..1	
value	M	1..1	Type: xs:float Description: **N/A** Example: 15
unitOfMeasure	O	0..1	Type: eanucc:MeasurementUnitCodeType Description: **N/A**
xsd:sequence	M	1..1	
measurementUnitCodeValue	M	1..1	Type: restriction (xsd:string) Length: 1 .. 3 Description: **N/A** Example: EA
xsd:sequence	M	1..1	
quantityContained	M	1..1	Type: eanucc:QuantityType Description: **The number of units shipped of the order unit or associated item. The unit of measure for the quantity is assumed to be the same as for the associated item. Thus the quantity must be specified in the same unit of measure as the item, e.g. case, each, etc…**
xsd:sequence	M	1..1	
value	M	1..1	Type: xs:float Description: **N/A** Example: 15
unitOfMeasure	O	0..1	Type: eanucc:MeasurementUnitCodeType Description: **N/A**
xsd:sequence	M	1..1	
measurementUnitCodeValue	M	1..1	Type: restriction (xsd:string) Length: 1 .. 3 Description: **N/A** Example: EA

St = Status: M=Mandatory, O=Optional, N=Not used

UIM Message Implementation Guide (MIG)

for

Transaction: Receipt Notification

based on message

Receiving Advice

BMS Version: 2.5

Contents: Message structure
Detailed guideline

Issue date: 1-12-2011
Version: 3.0 - December 2011

GLOBAL UPSTREAM SUPPLY INITIATIVE

Prepared by GS1 Global Office

Structure Chart

St	Occurrence	Element
		deliver:receivingAdvice
M	*required*	*creationDateTime*
M	*required*	*documentStatus*
M	1 .. 1	xsd:sequence
M	**1 .. 1**	**documentStructureVersion**
M	1 .. 1	xsd:sequence
M	1 .. 1	**versionIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**reportingCode**
M	**1 .. 1**	**receivingAdviceIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**uniqueCreatorIdentification**
M	**1 .. 1**	**contentOwner**
M	1 .. 1	xsd:sequence
M	1 .. 1	**gln**
O	**0 .. unbounded**	**additionalPartyIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**additionalPartyIdentificationValue**
M	1 .. 1	**additionalPartyIdentificationType**
M	**1 .. 1**	**shipTo**
M	1 .. 1	xsd:sequence
M	1 .. 1	**gln**
O	**0 .. unbounded**	**additionalPartyIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**additionalPartyIdentificationValue**
M	1 .. 1	**additionalPartyIdentificationType**
M	**1 .. 1**	**shipper**
M	1 .. 1	xsd:sequence
M	1 .. 1	**gln**
O	**0 .. unbounded**	**additionalPartyIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**additionalPartyIdentificationValue**
M	1 .. 1	**additionalPartyIdentificationType**
M	**1 .. 1**	**receiver**
M	1 .. 1	xsd:sequence
M	1 .. 1	**gln**
O	**0 .. unbounded**	**additionalPartyIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**additionalPartyIdentificationValue**
M	1 .. 1	**additionalPartyIdentificationType**
O	**0 .. 1**	**shipFrom**
M	1 .. 1	xsd:sequence
M	1 .. 1	**gln**
O	**0 .. unbounded**	**additionalPartyIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**additionalPartyIdentificationValue**
M	1 .. 1	**additionalPartyIdentificationType**
M	1 .. 1	xsd:choice
O	**0 .. unbounded**	**receivingAdviceLogisticUnitLineItem**
M	1 .. 1	xsd:sequence

St = Status: M=Mandatory, O=Optional, N=Not used

Structure Chart

St	Occurrence	Element
M	**1 .. 1**	**logisticUnitIdentification**
M	1 .. 1	xsd:sequence
M	**1 .. 1**	**serialShipmentContainerCode**
M	1 .. 1	xsd:sequence
M	1 .. 1	**serialShippingContainerCode**
O	**0 .. unbounded**	**additionalLogisticUnitIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**logisticUnitIdentification**
M	1 .. 1	xsd:sequence
O	**0 .. unbounded**	**receivingAdviceItemContainmentLineItem**
M	*required*	*number*
M	1 .. 1	xsd:sequence
M	**1 .. 1**	**containedItemIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**gtin**
O	**0 .. unbounded**	**additionalTradeItemIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**additionalTradeItemIdentificationValue**
M	1 .. 1	**additionalTradeItemIdentificationType**
O	**0 .. 1**	**deliveryNote**
M	*required*	*number*
M	1 .. 1	xsd:sequence
M	**1 .. 1**	**reference**
M	1 .. 1	xsd:sequence
M	1 .. 1	**referenceDateTime**
M	1 .. 1	**referenceIdentification**
O	**0 .. 1**	**purchaseOrder**
M	1 .. 1	xsd:choice
M	**1 .. 1**	**documentLineReference**
M	*required*	*number*
M	1 .. 1	xsd:sequence
O	**0 .. 1**	**documentReference**
O		*creationDateTime*
M	1 .. 1	xsd:sequence
M	1 .. 1	**uniqueCreatorIdentification**
M	**1 .. 1**	**contentOwner**
M	1 .. 1	xsd:sequence
M	1 .. 1	**gln**
O	**0 .. unbounded**	**additionalPartyIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	**additionalPartyIdentificationValue**
M	1 .. 1	**additionalPartyIdentificationType**
O	**0 .. 1**	**purchaseConditions**
M	1 .. 1	xsd:choice
M	**1 .. 1**	**documentLineReference**
M	*required*	*number*
M	1 .. 1	xsd:sequence
O	**0 .. 1**	**documentReference**
O		*creationDateTime*
M	1 .. 1	xsd:sequence

St = Status: M=Mandatory, O=Optional, N=Not used

Structure Chart

St	Occurrence	Element
M	1 .. 1	uniqueCreatorIdentification
M	**1 .. 1**	**contentOwner**
M	1 .. 1	xsd:sequence
M	1 .. 1	gln
O	**0 .. unbounded**	**additionalPartyIdentification**
M	1 .. 1	xsd:sequence
M	1 .. 1	additionalPartyIdentificationValue
M	1 .. 1	additionalPartyIdentificationType
O	**0 .. 1**	**extendedAttributes**
M	1 .. 1	xsd:sequence
O	0 .. 1	batchNumber
O	0 .. 1	bestBeforeDate
O	**0 .. 1**	**countryOfOrigin**
M	1 .. 1	xsd:sequence
M	1 .. 1	countryISOCode
O	0 .. 1	itemExpirationDate
O	0 .. 1	lotNumber
O	0 .. 1	productionDate
O	**0 .. 1**	**productQualityIndication**
M	1 .. 1	xsd:sequence
M	1 .. 1	value
O	**0 .. 1**	**unitOfMeasure**
M	1 .. 1	xsd:sequence
M	1 .. 1	measurementUnitCodeValue
M	1 .. 1	xsd:sequence
M	**1 .. 1**	**quantityAccepted**
M	1 .. 1	xsd:sequence
M	1 .. 1	value
O	**0 .. 1**	**unitOfMeasure**
M	1 .. 1	xsd:sequence
M	1 .. 1	measurementUnitCodeValue
M	**1 .. 1**	**quantityReceived**
M	1 .. 1	xsd:sequence
M	1 .. 1	value
O	**0 .. 1**	**unitOfMeasure**
M	1 .. 1	xsd:sequence
M	1 .. 1	measurementUnitCodeValue
O	**0 .. 1**	**quantityDespatched**
M	1 .. 1	xsd:sequence
M	1 .. 1	value
O	**0 .. 1**	**unitOfMeasure**
M	1 .. 1	xsd:sequence
M	1 .. 1	measurementUnitCodeValue
O	**0 .. 1**	**despatchAdviceLine**
M	*required*	*number*
M	1 .. 1	xsd:sequence
O	**0 .. 1**	**documentReference**
O		*creationDateTime*
M	1 .. 1	xsd:sequence
M	1 .. 1	uniqueCreatorIdentification

St = Status: M=Mandatory, O=Optional, N=Not used

Structure Chart

St	Occurrence	Element
M	1 .. 1	contentOwner
M	1 .. 1	xsd:sequence
M	1 .. 1	gln
O	0 .. unbounded	additionalPartyIdentification
M	1 .. 1	xsd:sequence
M	1 .. 1	additionalPartyIdentificationValue
M	1 .. 1	additionalPartyIdentificationType
O	0 .. unbounded	receivingConditionInformation
M	1 .. 1	xsd:sequence
M	1 .. 1	receivingCondition
M	1 .. 1	receivingConditionQuantity
M	1 .. 1	xsd:sequence
M	1 .. 1	value
O	0 .. 1	unitOfMeasure
M	1 .. 1	xsd:sequence
M	1 .. 1	measurementUnitCodeValue
M	1 .. 1	receiptInformation
M	1 .. 1	xsd:sequence
M	1 .. 1	receivingDateTime
O	0 .. 1	despatchAdviceDeliveryDateTime
O	0 .. 1	billOfLadingNumber
M	1 .. 1	xsd:sequence
M	1 .. 1	referenceDateTime
M	1 .. 1	referenceIdentification
O	0 .. 1	despatchAdvice
O		*creationDateTime*
M	1 .. 1	xsd:sequence
M	1 .. 1	uniqueCreatorIdentification
M	1 .. 1	contentOwner
M	1 .. 1	xsd:sequence
M	1 .. 1	gln
O	0 .. unbounded	additionalPartyIdentification
M	1 .. 1	xsd:sequence
M	1 .. 1	additionalPartyIdentificationValue
M	1 .. 1	additionalPartyIdentificationType
O	0 .. 1	inventoryLocation
M	1 .. 1	xsd:sequence
M	1 .. 1	gln
O	0 .. unbounded	additionalPartyIdentification
M	1 .. 1	xsd:sequence
M	1 .. 1	additionalPartyIdentificationValue
M	1 .. 1	additionalPartyIdentificationType

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
deliver:receivingAdvice	M		Type: deliver:ReceivingAdviceType Description: **The ReceivingAdvice class is the data class that creates the response message that the Receiver sends to the Shipper**
creationDateTime	M		Type: xs:dateTime Use: required Description: **This is the date the message was created.** Example: `2009-09-12T08:00:00.000`
documentStatus	M		Type: eanucc:DocumentStatusListType Use: required Description: **N/A** Example: `ORIGINAL` Code/Description * **ORIGINAL** * **REPLACE** Indicates that the original document that was sent should be replaced with the new document. This is only possible when the original document has not yet been processed in the recipient's application.
xsd:sequence	M	1..1	
documentStructureVersion	M	1..1	Type: eanucc:VersionType Description: **N/A** Rule: ***Optional in BMS, mandatory in MIG. Contains the BMS version number.***
xsd:sequence	M	1..1	
versionIdentification	M	1..1	Type: xs:string Description: **N/A** Example: `2.5`
xsd:sequence	M	1..1	
reportingCode	M	1..1	Type: deliver:ReportingCodeListType Description: **N/A** Example: `CONFIRMATION` Code/Description * **CONFIRMATION** N/A * **EXCEPTIONS** N/A * **FULL_DETAILS** N/A
receivingAdviceIdentification	M	1..1	Type: eanucc:EntityIdentificationType Description: **Contains the unique identifier of the business document**

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
xsd:sequence	M	1..1	
uniqueCreatorIdentification	M	1..1	Type: restriction (xsd:string) Length: 1 .. 80 Description: **N/A** Example: CMD-912-54618595
contentOwner	M	1..1	Type: eanucc:PartyIdentificationType Description: **Uniquely identifies the creator of the instance document**
xsd:sequence	M	1..1	
gln	M	1..1	Type: eanucc:GlobalLocationNumberType Pattern: \d{13} Description: **N/A** Example: 8712345678968
additionalPartyIdentification	O	0..unbounded	Type: eanucc:AdditionalPartyIdentificationType Description: **N/A**
xsd:sequence	M	1..1	
additionalPartyIdentificationValue	M	1..1	Type: xs:string Description: **N/A**
additionalPartyIdentificationType	M	1..1	Type: eanucc:AdditionalPartyIdentificationListType Description: **N/A**
shipTo	M	1..1	Type: eanucc:PartyIdentificationType Description: **Identification of the location to where goods will be or have been shipped**
xsd:sequence	M	1..1	
gln	M	1..1	Type: eanucc:GlobalLocationNumberType Pattern: \d{13} Description: **N/A** Example: 8712345678968
additionalPartyIdentification	O	0..unbounded	Type: eanucc:AdditionalPartyIdentificationType Description: **N/A**
xsd:sequence	M	1..1	
additionalPartyIdentificationValue	M	1..1	Type: xs:string Description: **N/A**
additionalPartyIdentificationType	M	1..1	Type: eanucc:AdditionalPartyIdentificationListType Description: **N/A**

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations	
shipper	M	1..1	Type:	eanucc:PartyIdentificationType
			Description:	**A party who engages in shipping goods**
xsd:sequence	M	1..1		
gln	M	1..1	Type:	eanucc:GlobalLocationNumberType
			Pattern:	\d{13}
			Description:	**N/A**
			Example:	8712345678968
additionalPartyIdentification	O	0..unbounded	Type:	eanucc:AdditionalPartyIdentificationType
			Description:	**N/A**
xsd:sequence	M	1..1		
additionalPartyIdentificationValue	M	1..1	Type:	xs:string
			Description:	**N/A**
additionalPartyIdentificationType	M	1..1	Type:	eanucc:AdditionalPartyIdentificationListType
			Description:	**N/A**
receiver	M	1..1	Type:	eanucc:PartyIdentificationType
			Description:	**A party who engages in receiving goods**
xsd:sequence	M	1..1		
gln	M	1..1	Type:	eanucc:GlobalLocationNumberType
			Pattern:	\d{13}
			Description:	**N/A**
			Example:	8712345678968
additionalPartyIdentification	O	0..unbounded	Type:	eanucc:AdditionalPartyIdentificationType
			Description:	**N/A**
xsd:sequence	M	1..1		
additionalPartyIdentificationValue	M	1..1	Type:	xs:string
			Description:	**N/A**
additionalPartyIdentificationType	M	1..1	Type:	eanucc:AdditionalPartyIdentificationListType
			Description:	**N/A**
shipFrom	O	0..1	Type:	eanucc:PartyIdentificationType
			Description:	**Identification of the location from where goods will be or have been shipped**
xsd:sequence	M	1..1		

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
gln	M	1..1	Type: eanucc:GlobalLocationNumberType Pattern: \d{13} Description: **N/A** Example: 8712345678968
additionalPartyIdentification	O	0..unbounded	Type: eanucc:AdditionalPartyIdentificationType Description: **N/A**
xsd:sequence	M	1..1	
additionalPartyIdentificationValue	M	1..1	Type: xs:string Description: **N/A**
additionalPartyIdentificationType	M	1..1	Type: eanucc:AdditionalPartyIdentificationListType Description: **N/A**
xsd:choice	M	1..1	
receivingAdviceLogisticUnitLineItem	O	0..unbounded	Type: deliver:ReceivingAdviceLogisticUnitLineItemType Description: **Contains detailed information about the received logistic unit**
xsd:sequence	M	1..1	
logisticUnitIdentification	M	1..1	Type: eanucc:LogisticUnitIdentificationType Description: **N/A**
xsd:sequence	M	1..1	
serialShipmentContainerCode	M	1..1	Type: eanucc:SSCCType Description: **A single globally unique serial number which identifies shipping containers or shipping packages**
xsd:sequence	M	1..1	
serialShippingContainerCode	M	1..1	Type: restriction (xsd:string) Pattern: \d{18} Description: **N/A** Example: 881234567000010113
additionalLogisticUnitIdentification	O	0..unbounded	Type: eanucc:AdditionalLogisticUnitIdentificationType Description: **N/A**
xsd:sequence	M	1..1	
logisticUnitIdentification	M	1..1	Type: xs:string Description: **N/A** Example: 1234567890
xsd:sequence	M	1..1	

St = Status: M=Mandatory, O=Optional, N=Not used

Transaction: Receipt Notification

Guideline

Elements	St	Occurrence	Annotations
receivingAdviceItemContainmentLineItem	O	0..unbounded	Type: deliver:ReceivingAdviceItemContainmentLineItemType Description: **Contains detailed information about the received goods**
number	M		Type: restriction (xsd:nonNegativeInteger) FractionDigits: 0 TotalDigits: 6 Use: required Inclusive: 0 .. Description: **N/A** Example: 1
xsd:sequence	M	1..1	
containedItemIdentification	M	1..1	Type: eanucc:TradeItemIdentificationType Description: **The trade item identification of the goods that were delivered**
xsd:sequence	M	1..1	
gtin	M	1..1	Type: eanucc:GlobalTradeItemNumberType Pattern: \d{14} Description: **N/A** Example: 40987650000346
additionalTradeItemIdentification	O	0..unbounded	Type: eanucc:AdditionalTradeItemIdentificationType Description: **N/A**
xsd:sequence	M	1..1	
additionalTradeItemIdentificationValue	M	1..1	Type: restriction (xsd:string) Length: 1 .. 80 Description: **N/A** Example: DENIM423
additionalTradeItemIdentificationType	M	1..1	Type: eanucc:AdditionalTradeItemIdentificationListType Description: **N/A** Example: BUYER_ASSIGNED
deliveryNote	O	0..1	Type: eanucc:DetailLevelReferenceType Description: **Reference to the physical document that accompanies the delivered goods**
number	M		Type: restriction (xsd:nonNegativeInteger) FractionDigits: 0 TotalDigits: 6 Use: required Inclusive: 0 .. Description: **N/A** Example: 1
xsd:sequence	M	1..1	

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
reference	M	1..1	Type: eanucc:ReferenceType Description: **N/A**
xsd:sequence	M	1..1	
referenceDateTime	M	1..1	Type: xs:dateTime Description: **N/A** Example: 2009-09-12T00:00:00.000
referenceIdentification	M	1..1	Type: restriction (xsd:string) Length: 1 .. 80 Description: **N/A** Example: PO-487-09
purchaseOrder	O	0..1	Type: eanucc:DocumentOrDocumentLineReferenceType Description: **Reference to the business document that triggered the delivery of the goods**
xsd:choice	M	1..1	
documentLineReference	M	1..1	Type: eanucc:DocumentLineReferenceType Description: **N/A**
number	M		Type: restriction (xsd:nonNegativeInteger) FractionDigits: 0 TotalDigits: 6 Use: required Inclusive: 0 .. Description: **N/A** Example: 1
xsd:sequence	M	1..1	
documentReference	O	0..1	Type: eanucc:DocumentReferenceType Description: **N/A** Rule: ***Optional in BMS, mandatory in GUSI MIG. If a reference to purchase order is made the document reference number MUST be specified.***
creationDateTime	O		Type: xs:dateTime Description: **N/A** Example: 2009-09-12T08:00:00.000
xsd:sequence	M	1..1	
uniqueCreatorIdentification	M	1..1	Type: restriction (xsd:string) Length: 1 .. 80 Description: **N/A** Example: CMD-912-54618595

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
contentOwner	M	1..1	Type: eanucc:PartyIdentificationType Description: **Uniquely identifies the creator of the instance document**
xsd:sequence	M	1..1	
gln	M	1..1	Type: eanucc:GlobalLocationNumberType Pattern: \d{13} Description: **N/A** Example: 8712345678968
additionalPartyIdentification	O	0..unbounded	Type: eanucc:AdditionalPartyIdentificationType Description: **N/A**
xsd:sequence	M	1..1	
additionalPartyIdentificationValue	M	1..1	Type: xs:string Description: **N/A**
additionalPartyIdentificationType	M	1..1	Type: eanucc:AdditionalPartyIdentificationListType Description: **N/A**
purchaseConditions	O	0..1	Type: eanucc:DocumentOrDocumentLineReferenceType Description: **Reference to the business document that describes the commercial conditions under which the goods are delivered**
xsd:choice	M	1..1	
documentLineReference	M	1..1	Type: eanucc:DocumentLineReferenceType Description: **N/A**
number	M		Type: restriction (xsd:nonNegativeInteger) FractionDigits: 0 TotalDigits: 6 Use: required Inclusive: 0 .. Description: **N/A** Example: 1
xsd:sequence	M	1..1	
documentReference	O	0..1	Type: eanucc:DocumentReferenceType Description: **N/A** Rule: ***Optional in BMS, mandatory in GUSI MIG. If a reference to purchase order is made the document reference number MUST be specified.***
creationDateTime	O		Type: xs:dateTime Description: **N/A** Example: 2009-09-12T08:00:00.000

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
xsd:sequence	M	1..1	
uniqueCreatorIdentification	M	1..1	Type: restriction (xsd:string) Length: 1 .. 80 Description: **N/A** Example: CMD-912-54618595
contentOwner	M	1..1	Type: eanucc:PartyIdentificationType Description: **Uniquely identifies the creator of the instance document**
xsd:sequence	M	1..1	
gln	M	1..1	Type: eanucc:GlobalLocationNumberType Pattern: \d{13} Description: **N/A** Example: 8712345678968
additionalPartyIdentification	O	0..unbounded	Type: eanucc:AdditionalPartyIdentificationType Description: **N/A**
xsd:sequence	M	1..1	
additionalPartyIdentificationValue	M	1..1	Type: xs:string Description: **N/A**
additionalPartyIdentificationType	M	1..1	Type: eanucc:AdditionalPartyIdentificationListType Description: **N/A**
extendedAttributes	O	0..1	Type: eanucc:TransactionalItemDataType Description: **N/A**
xsd:sequence	M	1..1	
batchNumber	O	0..1	Type: xs:string Description: **N/A** Rule: ***Number assigned by the seller of the goods (inventory reporting party).*** Example: AB-423-C72
bestBeforeDate	O	0..1	Type: xs:date Description: **N/A** Example: 2010-09-12
countryOfOrigin	O	0..1	Type: eanucc:ISO3166_1CodeType Description: **Country from which the goods are supplied**
xsd:sequence	M	1..1	

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Guideline

Elements	St	Occurrence	Annotations
countryISOCode	M	1..1	Type: restriction (xsd:string) Length: 1 .. 3 Description: **N/A** Example: 124
itemExpirationDate	O	0..1	Type: xs:date Description: **N/A** Example: 2010-11-12
lotNumber	O	0..1	Type: xs:string Description: **N/A** Rule: ***The vendor lot number as defined by the manufacturer of the sold goods.*** Example: 678-CC-976
productionDate	O	0..1	Type: xs:date Description: **N/A** Example: 2009-08-28
productQualityIndication	O	0..1	Type: eanucc:QuantityType Description: **Number used to indicate the quality of a specific batch of products. Optionally a Unit of Measure can be specified, which means that the number is expressed per unit**
xsd:sequence	M	1..1	
value	M	1..1	Type: xs:float Description: **N/A** Example: 15
unitOfMeasure	O	0..1	Type: eanucc:MeasurementUnitCodeType Description: **N/A**
xsd:sequence	M	1..1	
measurementUnitCodeValue	M	1..1	Type: restriction (xsd:string) Length: 1 .. 3 Description: **N/A** Example: EA
xsd:sequence	M	1..1	
quantityAccepted	M	1..1	Type: eanucc:QuantityType Description: **Number of units accepted**
xsd:sequence	M	1..1	

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
value	M	1..1	Type: xs:float Description: **N/A** Example: 15
unitOfMeasure	O	0..1	Type: eanucc:MeasurementUnitCodeType Description: **N/A**
xsd:sequence	M	1..1	
measurementUnitCodeValue	M	1..1	Type: restriction (xsd:string) Length: 1 .. 3 Description: **N/A** Example: EA
quantityReceived	M	1..1	Type: eanucc:QuantityType Description: **Number of units received**
xsd:sequence	M	1..1	
value	M	1..1	Type: xs:float Description: **N/A** Example: 15
unitOfMeasure	O	0..1	Type: eanucc:MeasurementUnitCodeType Description: **N/A**
xsd:sequence	M	1..1	
measurementUnitCodeValue	M	1..1	Type: restriction (xsd:string) Length: 1 .. 3 Description: **N/A** Example: EA
quantityDespatched	O	0..1	Type: eanucc:QuantityType Description: **Number of units dispatched**
xsd:sequence	M	1..1	
value	M	1..1	Type: xs:float Description: **N/A** Example: 15
unitOfMeasure	O	0..1	Type: eanucc:MeasurementUnitCodeType Description: **N/A**
xsd:sequence	M	1..1	

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Guideline

Elements	St	Occurrence	Annotations
measurementUnitCodeValue	M	1..1	Type: restriction (xsd:string) Length: 1 .. 3 Description: **N/A** Example: EA
despatchAdviceLine	O	0..1	Type: eanucc:DocumentLineReferenceType Description: **Contains the reference to the despatch advice line to which the information in the receiving advice line item refers**
number	M		Type: restriction (xsd:nonNegativeInteger) FractionDigits: 0 TotalDigits: 6 Use: required Inclusive: 0 .. Description: **N/A** Example: 1
xsd:sequence	M	1..1	
documentReference	O	0..1	Type: eanucc:DocumentReferenceType Description: **N/A**
creationDateTime	O		Type: xs:dateTime Description: **N/A** Example: 2009-09-12T08:00:00.000
xsd:sequence	M	1..1	
uniqueCreatorIdentification	M	1..1	Type: restriction (xsd:string) Length: 1 .. 80 Description: **N/A** Example: CMD-912-54618595
contentOwner	M	1..1	Type: eanucc:PartyIdentificationType Description: **Uniquely identifies the creator of the instance document**
xsd:sequence	M	1..1	
gln	M	1..1	Type: eanucc:GlobalLocationNumberType Pattern: \d{13} Description: **N/A** Example: 8712345678968
additionalPartyIdentification	O	0..unbounded	Type: eanucc:AdditionalPartyIdentificationType Description: **N/A**
xsd:sequence	M	1..1	

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
additionalPartyIdentificationValue	M	1..1	Type: xs:string Description: **N/A**
additionalPartyIdentificationType	M	1..1	Type: eanucc:AdditionalPartyIdentificationListType Description: **N/A**
receivingConditionInformation	O	0..unbounded	Type: deliver:ReceivingConditionInformationType Description: **N/A**
xsd:sequence	M	1..1	
receivingCondition	M	1..1	Type: eanucc:ReceivingConditionCodeListType Description: **N/A** Example: ACCEPTED_IN_FULL Code/Description * **ACCEPTED_IN_FULL** N/A * **DAMAGED_PRODUCT_OR_CONTAINER** N/A * **GOOD_CONDITION** N/A * **INCORRECT_PRODUCT** N/A * **QUALITY_PROBLEM** N/A * **QUANTITY_OVER** N/A * **QUANTITY_SHORT** N/A * **REJECTED** N/A
receivingConditionQuantity	M	1..1	Type: eanucc:QuantityType Description: **Specification of discrepancies between quantity accepted, quantity received, quantity dispatched**
xsd:sequence	M	1..1	
value	M	1..1	Type: xs:float Description: **N/A** Example: 15
unitOfMeasure	O	0..1	Type: eanucc:MeasurementUnitCodeType Description: **N/A**
xsd:sequence	M	1..1	
measurementUnitCodeValue	M	1..1	Type: restriction (xsd:string) Length: 1 .. 3 Description: **N/A** Example: EA

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Guideline

Elements	St	Occurrence	Annotations
receiptInformation	M	1..1	Type: deliver:ReceiptInformationType Description: **N/A**
xsd:sequence	M	1..1	
receivingDateTime	M	1..1	Type: xs:dateTime Description: **N/A** Example: 2010-03-09T12:00:01.000
despatchAdviceDeliveryDateTime	O	0..1	Type: xs:dateTime Description: **N/A** Example: 2010-02-09T12:00:01.000
billOfLadingNumber	O	0..1	Type: eanucc:ReferenceType Description: **Contains a reference to the bill of lading that accompanied the received goods**
xsd:sequence	M	1..1	
referenceDateTime	M	1..1	Type: xs:dateTime Description: **N/A** Example: 2009-09-12T00:00:00.000
referenceIdentification	M	1..1	Type: restriction (xsd:string) Length: 1 .. 80 Description: **N/A** Example: PO-487-09
despatchAdvice	O	0..1	Type: eanucc:DocumentReferenceType Description: **Contains the reference to the despatch advice message to which the information in the receiving advice refers**
creationDateTime	O		Type: xs:dateTime Description: **N/A** Example: 2009-09-12T08:00:00.000
xsd:sequence	M	1..1	
uniqueCreatorIdentification	M	1..1	Type: restriction (xsd:string) Length: 1 .. 80 Description: **N/A** Example: CMD-912-54618595
contentOwner	M	1..1	Type: eanucc:PartyIdentificationType Description: **Uniquely identifies the creator of the instance document**
xsd:sequence	M	1..1	

St = Status: M=Mandatory, O=Optional, N=Not used

Guideline

Elements	St	Occurrence	Annotations
gln	M	1..1	Type: eanucc:GlobalLocationNumberType Pattern: \d{13} Description: **N/A** Example: 8712345678968
additionalPartyIdentification	O	0..unbounded	Type: eanucc:AdditionalPartyIdentificationType Description: **N/A**
xsd:sequence	M	1..1	
additionalPartyIdentificationValue	M	1..1	Type: xs:string Description: **N/A**
additionalPartyIdentificationType	M	1..1	Type: eanucc:AdditionalPartyIdentificationListType Description: **N/A**
inventoryLocation	O	0..1	Type: eanucc:PartyIdentificationType Description: **Identification of the location where the goods will be or have been stored** Rule: ***GUSI 3.0: Added this element.***
xsd:sequence	M	1..1	
gln	M	1..1	Type: eanucc:GlobalLocationNumberType Pattern: \d{13} Description: **N/A** Example: 8712345678968
additionalPartyIdentification	O	0..unbounded	Type: eanucc:AdditionalPartyIdentificationType Description: **N/A**
xsd:sequence	M	1..1	
additionalPartyIdentificationValue	M	1..1	Type: xs:string Description: **N/A**
additionalPartyIdentificationType	M	1..1	Type: eanucc:AdditionalPartyIdentificationListType Description: **N/A**

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