Order Business Message Standard (BMS)

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12-Mar–2007	GS1 Netherlands	07-000077
06-Feb-2006	GS1 Global Office	06-000039
13-Nov-2003	Foot Locker	03-000167
20-Oct-2003	Unilever Bestfood UK	03-000145
29-Oct-2001	Venator	01-000094
31-Oct-2013	August Storck KG	13-000155
07-Feb-2014	GS1 Germany	14-000021
20-Mar-2014	GS1 Slovenia	14-000044
25-Jun-2014	GS1 Global Office	14-000110
11-Sep-2015	GS1 US	15-000282
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18-Jan-2016	GS1 Germany	16-000065
18-Jan-2016	GS1 Germany	16-000066
18-Jan-2016	GS1 Germany	16-000067
18-Jan-2016	GS1 Germany	16-000068
18-Jan-2016	GS1 Germany	16-000069
18-Jan-2016	GS1 Germany	16-000076
18-Jan-2016	GS1 Germany	16-000077
18-Jan-2016	GS1 Germany	16-000078
18-Jan-2016	GS1 Germany	16-000079
18-Jan-2016	GS1 Germany	16-000080
18-Jan-2016	GS1 Germany	16-000081
18-Jan-2016	GS1 Germany	16-000082
18-Jan-2016	GS1 Germany	16-000098

Business Requirements Document (BRAD) Reference

BRAD Title	BRAD Issue Date	BRAD Version
Order	20- May-2004	1.4.4
UK Food Service Ordering	9-Jul-2004	0.2
BRAD eCom Maintenance Release 2 BMS 2.6.0	29-Jun-2009	Version 0.1.1
Business Requirements Analysis document (BRAD) for Current Requirements Queue (Major Release 3)	23-Nov-2010	Issue 0.2.0

Document Change History

Date of Change	Version	Changed By	Reason for Change	Summary of Change
12-Jan-2012	BMS 3.0 – Issue 1	Mark Van Eeghem	BMS Release 3.0	See summary of changes
01-May-2013	BMS 3.1 – Issue 1	Coen Janssen	BMS Release 3.1	See summary of changes
15-Sep-2014	BMS 3.2 – Issue 1	Ewa Iwicka	BMS Release 3.2	See summary of changes
01-Mar-2017	BMS 3.3 – Issue 1	Ewa Iwicka	BMS Release 3.3	See summary of changes

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Table of Contents

1 Business Domain View

1.1 Introduction

Message Definition

The Order provides the ability for a buyer to order specified quantities of goods and services from a seller for one or more shipments.

Principles

The Order may be used alone when the buyer and seller have aligned data such as parties, item, pricing, payment terms, etc., prior to order creation.

The recommended business practice is to have one order placed for one delivery for one location at one time.

The Order message can be used to send blanket orders followed at a later date by a series of call-offs (both message types can be identified precisely in the orderTypeCode element with the appropriate coded identifier). The blanket order specifies a global product quantity per line item to be ordered over a period of time. The subsequent call-offs referring to the blanket order will request a part of the global quantity with specific delivery dates and locations.

The Order message can also be used to send rush orders i.e. orders requesting the immediate availability of goods, using the appropriate coded identifier in the orderTypeCode element.

1.2 References

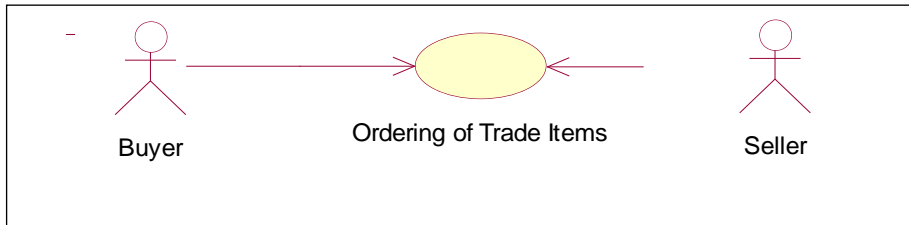| Reference Name	Description
Order Business Requirements Document	BRD Version 1.4.4
UK Food Service Ordering BRD	BRD Version 0.2
Business Requirements Analysis Document (BRAD) For Multi Shipment Order Receipt Response and Excise Tax Free	BRAD Version 0.0.4
BRAD for Current Requirements Queue (Major Release 3)	BRAD Version 0.2.0
Shared Common Library	BMS Version 3.3
eCom Common Library	BMS Version 3.3

2 Business Context

Context Category	Value(s)
Industry	All
Geopolitical	All
Product	All
Process	Order
System Capabilities	GS1 System
Official Constraints	None

3 Business Transaction View

## 3.1 Business Transaction - Ordering of Trade Items

Use Case Diagram

Use Case Description

Use Case ID	UC-1
Use Case Name	Ordering of Trade Items
Use Case Description	This Use Case provides the ability for a buyer to order specified quantities of goods and services from a seller for a single shipment to or from a single location.
Actors (Goal)	Buyer, Seller
Performance Goals	The seller has received the order sent by the buyer.
Preconditions	The Buyer and Seller have aligned Party and Item information.
Post conditions	Success: The Seller has received the Order sent by the Buyer. Failure: The Seller hasn't received the Order sent by the Buyer
Scenario	Begins when… the Buyer sends the Order to the Seller.. Continues with… Ends when… …the Seller receives the Order from the Buyer.
Alternative Scenario	<table><tr><th>Step #</th><th>Actor</th><th>Activity Step</th></tr><tr><td>1</td><td>Not Applicable</td><td></td></tr><tr><td>2</td><td></td><td></td></tr><tr><td>3</td><td></td><td></td></tr></table>
Related Requirements	Not Applicable
Related Rules	Not Applicable

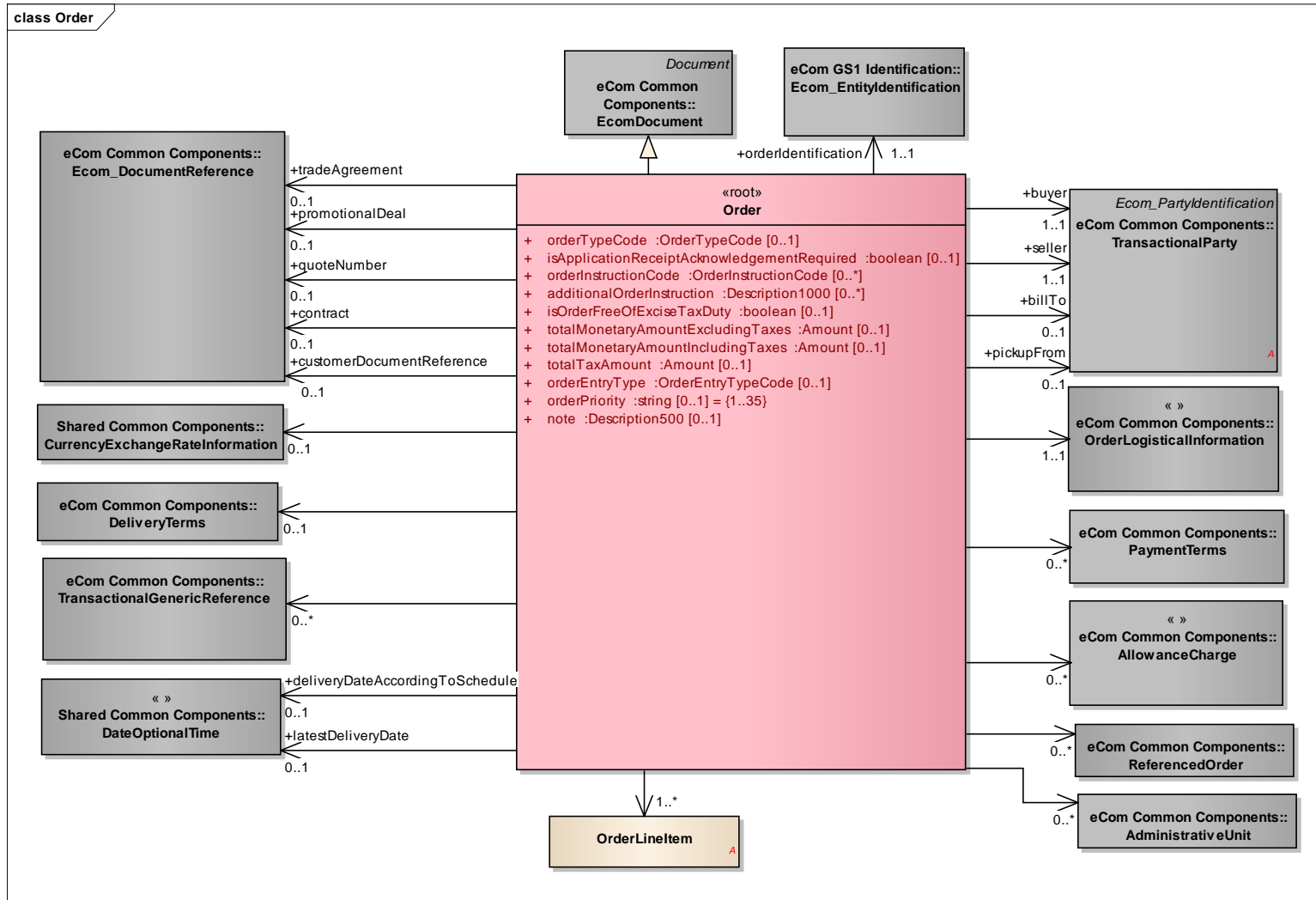**Activity Diagram(s)**

Not Applicable

Business Transaction Sequence Diagram(s) (optional)
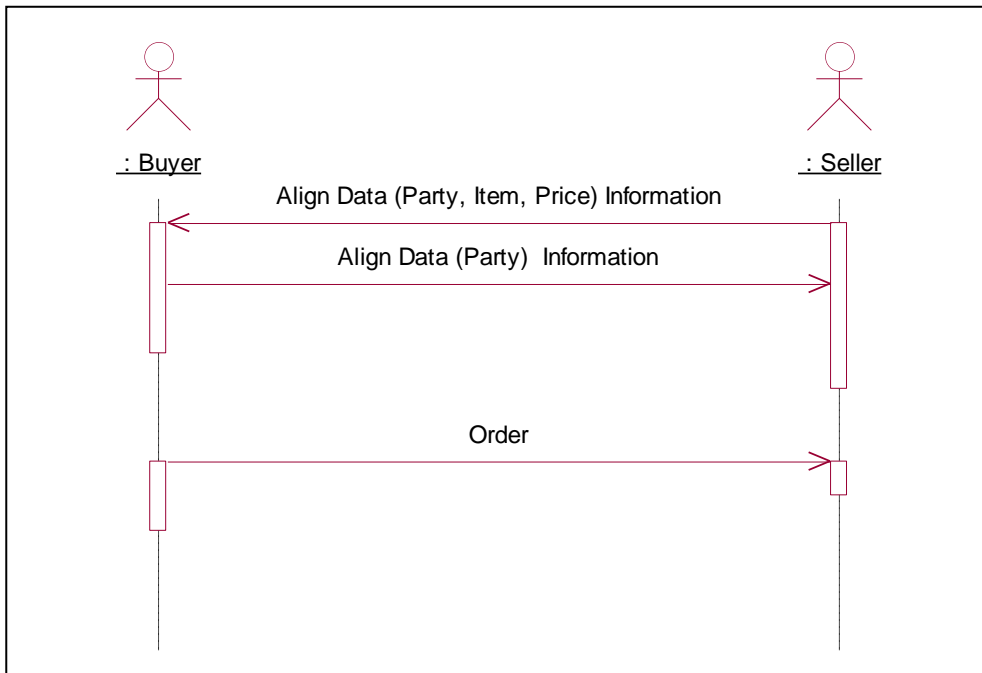
4 Business Information View

4.1 Order

Class diagram

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class Order

GDD report

The content of the Order class, its structure and component definitions can be accessed in the Global Data Dictionary:
http://apps.gs1.org/GDD/bms/Version3_3/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:Order

Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
Order				The Order message provides the ability for a buyer to order variable quantities of trade items/services shipped from and to multiple locations using one business message.	
Association	customerDocumentReference	Ecom_DocumentReference	0..1	Specifies document referenced by the customer, used e.g. for split orders.	WR 15-000314 WR 16-000068
Association	latestDeliveryDate	DateOptionalTime	0..1	The latest date of delivery, after which the order is automatically canceled.	WR 16-000065
Association	tradeAgreement	Ecom_DocumentReference	0..1	Specifies the trade agreement that the order is referring to.	WR 15-000314
Generalization		EcomDocument		Basic information about the content of the message including version number, creation date and time and the placeholder for non-standard attributes.	WR 14-000110
Association	contract	Ecom_DocumentReference	0..1	Reference to the contractual agreement under which the goods are ordered.	WR 15-000314 WR 16-000025
Association		PaymentTerms	0..*	Contains the information related with the parties involved in the order process.	
Association		TransactionalGenericReference	0..*	A number providing reference in the Order document defined in the ReferenceNumberTypeCode list.	WR 16-000031 WR 16-000069 WR 16-000079
Association	billTo	TransactionalParty	0..1	Identifies the party which receives the invoice.	
Association	deliveryDateAccordingToSchedule	DateOptionalTime	0..1	Date of delivery corresponding to the previously agreed delivery schedule.	WR 16-000064
Association		OrderLineItem	1..*	Specify the information related to each line item. An Order will contain one or more line items.	
Association		DeliveryTerms	0..1	The applicable legal, customs, financial and insurance terms for the order.	
Association	buyer	TransactionalParty	1..1	Identifies the party to which products or services are sold.	

Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
Association	orderIdentification	Ecom_EntityIdentification	1..1	The unique identification of the Order.	WR 15-000314
Association		CurrencyExchangeRateInformation	0..1	Rate at which one currency may be converted into another. Generally, one unit of the home currency is expressed in terms of another currency. For example, a North American bank may quote the exchange rate between the dollar and the Euro as the number of dollars needed to buy one Euro.	
Association		ReferencedOrder	0..*	Provides reference to thelated purchase order messages and the type of this relationship.	WR 15-000282
Association		AdministrativeUnit	0..*	An organizational grouping used for internal planning, control and accounting purposes.	WR 16-000034
Association		AllowanceCharge	0..*	Contains the information related with the allowance charge in the Order.	
Association	seller	TransactionalParty	1..1	Identifies the party which sells products or services to a buyer.	
Association	quoteNumber	Ecom_DocumentReference	0..1	Quote Number is defined as the reference number assigned by the seller to a quote. This price quote number applies to the entire order and not at the individual line item level. A quote number identifies a one off negotiation on a particular order between buyer and supplier. However, it is not essentially a promotional deal, but rather a one off quotation being provided for the goods either based on price or manufactured to certain specifications.	WR 15-000314
Association	pickupFrom	TransactionalParty	0..1	Identifies location where goods will be pick up from.	WR 16-000036
Association	promotionalDeal	Ecom_DocumentReference	0..1	Number assigned by a vendor to a special promotion activity.	WR 15-000314
Association		OrderLogisticalInformation	1..1	Contains the information related with the dates and destinations of the goods or services.	
Attribute	orderTypeCode	OrderTypeCode	0..1	Identifies the kind of purchase order, enabling the recipient of the order to determine the appropriate processing.	added for BRAD RQ.09.259

Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
Attribute	isApplicationReceiptAcknowledgementRequired	boolean	0..1	A buyer's requirement to receive an order receipt acknowledgement from the seller's application system to ensure the seller received the order message.	
Attribute	orderInstructionCode	OrderInstructionCode	0..*	Code specifying special order conditions.	
Attribute	additionalOrderInstruction	Description1000	0..*	Additional order instruction captures information that has not been previously synchronised and is ad-hoc in nature. This field should only be used in exception circumstances if the information cannot be codified.	WR 16-000067
Attribute	isOrderFreeOfExciseTaxDuty	boolean	0..1	An excise tax is a tax applied to the consumption of a particular type of good, such as alcohol or tobacco. Excise taxes apply to domestic as well as imported goods. They must not be confused with customs duties which apply to imports only.	
Attribute	orderEntryType	OrderEntryTypeCode	0..1	Specifies the entry channel for customer orders.	WR 15-000282
Attribute	orderPriority	string	0..1	Provides a method to decide which orders should be prioritized over the other orders.	WR 15-000282
Attribute	totalMonetaryAmountExcludingTaxes	Amount	0..1	The total monetary amount of the Purchase Order excluding all Taxes. This field is needed to allow effective purchase order and invoice total value reconciliation. It is a business process in Australian Hardware industry for the receiver of the invoice to initially check the total value of the invoice vs. the purchase order originally placed. In a retail store environment, manual calculation of purchase order total value is not feasible for store conducting this reconciliation.The presence of this field will also enable matching of the value of this purchase order with subsequent messages including the invoice by both the sender and the receiver.	renamed from totalMonetaryAmountOfOrderExcludingTaxes

Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
Attribute	totalMonetaryAmountIncludingTaxes	Amount	0..1	The total monetary amount of the Purchase Order including all Taxes. This field is needed to allow effective purchase order and invoice total value reconciliation.	
Attribute	totalTaxAmount	Amount	0..1	Provides the total tax amount of the order.This would appear at the header level of the message.	
Attribute	note	Description500	0..1	Free text used to convey information that is not processed by applications. Only meant to present the information to a user as on a screen, in a browser, etc.	BRAD RQ 09.236.F

Note: Reference Shared Common Library Business Message (BMS) Release 3.3 and eCom Domain Common Library Business Message (BMS) Release 3.3 for all common information.

4.2 Order Line Item

Class Diagram
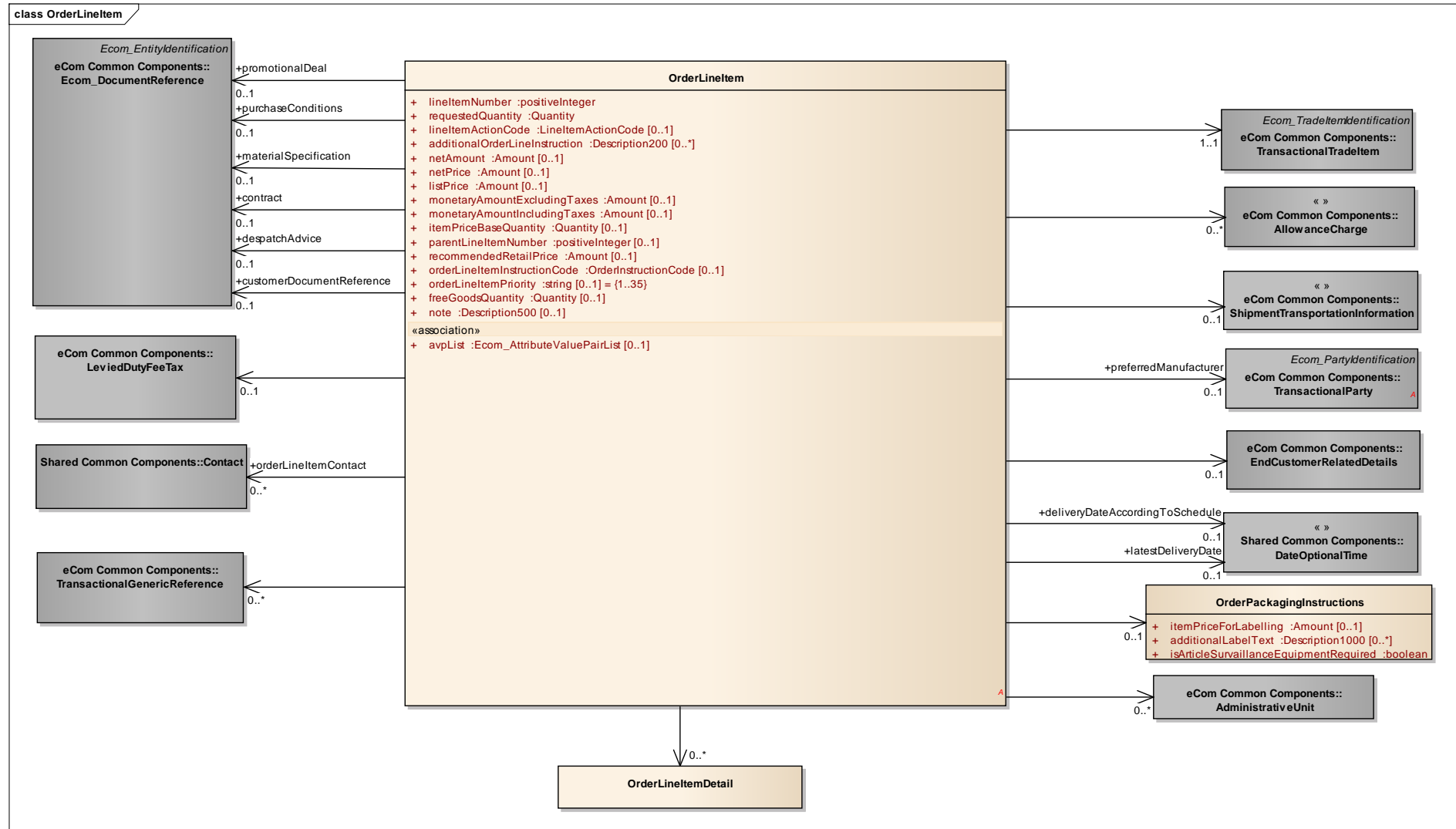
GDD Report

The content of the OrderLineItem class, its structure and component definitions can be accessed in the Global Data Dictionary:
http://apps.gs1.org/GDD/bms/Version3_3/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:OrderLineItem

Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
OrderLineItem				Specifies the information related to each line item. Each Order will contain one or more line items.	
Association	contract	Ecom_DocumentReference	0..1	Reference to the contractual agreement under which the goods are ordered. The reference is associated with specific items in the order.	WR 15-000314 WR 16-000025
Association		OrderPackagingInstructions	0..1	Instructions for the packaging of the item ordered.	WR 16-000078 WR 16-000081 WR 16-000082
Association	despatchAdvice	Ecom_DocumentReference	0..1	A reference to the despatch advice. The reference is associated with specific items in the order.	WR 15-000314 WR 16-000080
Association	promotionalDeal	Ecom_DocumentReference	0..1	A reference to a trade agreement related to a promotional deal. The reference is associated with specific items in the order.	WR 15-000314
Association		OrderLineItemDetail	0..*	Allows the identification of various shipping details by line item.	
Association		TransactionalGenericReference	0..*	Reference to an associated information in support of related business processes. E.g. any kind of internal reference, such as a cost center.	WR 16-000031
Association	preferredManufacturer	TransactionalParty	0..1	Allows to specify the preferred manufacturer of the item being ordered. Used for orders placed at third party suppliers that may supply items from various manufacturers.	WR 16-000072
Association	orderLieItemContact	Contact	0..*	Specifies a department name or reference corresponding to purchase order.	WR 16-000060 WR 16-000061 WR 16-000062 WR 16-000073

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Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
Association	latestDeliveryDate	DateOptionalTime	0..1	The latest date of delivery, after which the order is automatically cancelled.	WR 16-000065
Association	materialSpecification	Ecom_DocumentReference	0..1	A reference to a material specification. The reference is associated with specific items in the order.	WR 15-000314
Association	customerDocumentReference	Ecom_DocumentReference	0..1	Specifies document referenced by the customer, used e.g. for split orders. The reference is associated with specific items in the order.	WR 15-000314 WR 16-000068
Association		ShipmentTransportationInformation	0..1	Contains the identification of the carrier and mode associated with the transportation of the goods or services.	
Association	purchaseConditions	Ecom_DocumentReference	0..1	A reference to the purchase conditions. The reference is associated with specific items in the order.	WR 15-000314
Association		TransactionalTradeItem	1..1	The trade item associated to the Order Line Item.	
Association		AllowanceCharge	0..*	Contains the information related with the allowance charge in the detail order level.	
Association	deliveryDateAccordingToSchedule	DateOptionalTime	0..1	Date of delivery corresponding to the previously agreed delivery schedule.	WR 16-000064
Association		LeviedDutyFeeTax	0..1	The tax applicable to the Order Line Item.	
Association		EndCustomerRelatedDetails	0..1	Information about end customer: identification of customer and method of item delivery.	WR 15-000282
Attribute	lineItemNumber	positiveInteger	1..1	Provides the line number associated to the Order Line Item.	
Attribute	parentLineItemNumber	positiveInteger	0..1	The number of line item containing information about the parent of the current item. It allows establishing hierarchical link between the two items.	WR 14-000021 WR 14-000044
Attribute	requestedQuantity	Quantity	1..1	The quantity which has been requested.	
Attribute	freeGoodsQuantity	Quantity	0..1	The quantity of free (not charged) goods as stated in contract.	WR 16-000054
Attribute	lineItemActionCode	LineItemActionCode	0..1	Provides the activity required by the recipient on the line item of this order.	

Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
Attribute	additionalOrderLineInstruction	Description200	0..*	Additional Order Line Instruction captures information that has not been previously synchronised and is ad-hoc in nature. This field should only be used in exception circumstances if the information cannot be codified. Examples of Purchase Order Line: Use chrome hinges (not standard brass hinges) / Please use timber / Please prime (paint) door and jamb and pre-hang door.	WR 16-000066 WR 16-000076
Attribute	netAmount	Amount	0..1	Identifies the total net amount of the line item.	
Attribute	netPrice	Amount	0..1	Identifies the net price of the item.	
Attribute	listPrice	Amount	0..1	Identifies the list price of the item.	WR 16-000077
Attribute	monetaryAmountExcludingTaxes	Amount	0..1	The total monetary amount of the order line excluding all taxes.	
Attribute	monetaryAmountIncludingTaxes	Amount	0..1	The total monetary amount of the order line including taxes.	
Attribute	itemPriceBaseQuantity	Quantity	0..1	The base quantity in which the item price is expressed. Example: Price per 100 units.	WR 13-000155
Attribute	recommendedRetailPrice	Amount	0..1	The recommended retail price is stated for marketing purpose only.	WR 16-000055
Attribute	orderLineItemInstructionCode	OrderInstructionCode	0..1	Code specifying special order conditions.	WR 15-000282
Attribute	orderLineItemPriority	string	0..1	Provides a method to decide which orders should be prioritized over the other orders.	WR 15-000282
Attribute	note	Description500	0..1	Free text used to convey information that is not processed by applications. Only meant to present the information to a user as on a screen, in a browser, etc.	BRAD RQ 09.236.F
Attribute	avpList	Ecom_AttributeValuePairList	0..1	Temporary attributes introduced between minor versions.	WR 14-000110

Note: Reference Shared Common Library Business Message (BMS) Release 3.3 and eCom Domain Common Library Business Message (BMS) Release 3.3 for all common information.

GDD Report

The content of the OrderPackagingInstructions class, its structure and component definitions can be accessed in the Global Data Dictionary:
http://apps.gs1.org/GDD/bms/Version3_3/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:OrderPackagingInstructions

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
OrderPackagingInstructions				Instructions for the packaging of the item ordered.	
Attribute	itemPriceForLabelling	Amount	0..1	Identifies the price of the item that needs to be labelled on a packaging item.	
Attribute	additionalLabelText	Description1000	0..*	Provides text information that should be printed on the item label.	
Attribute	isArticleSurvaillanceEquipmentRequired	boolean	1..1	Specifies whether article surveillance (e.g. security tag)	

Note: Reference Shared Common Library Business Message (BMS) Release 3.3 and eCom Domain Common Library Business Message (BMS) Release 3.3 for all common information.

4.3   Order Line Item Detail

Class Diagram
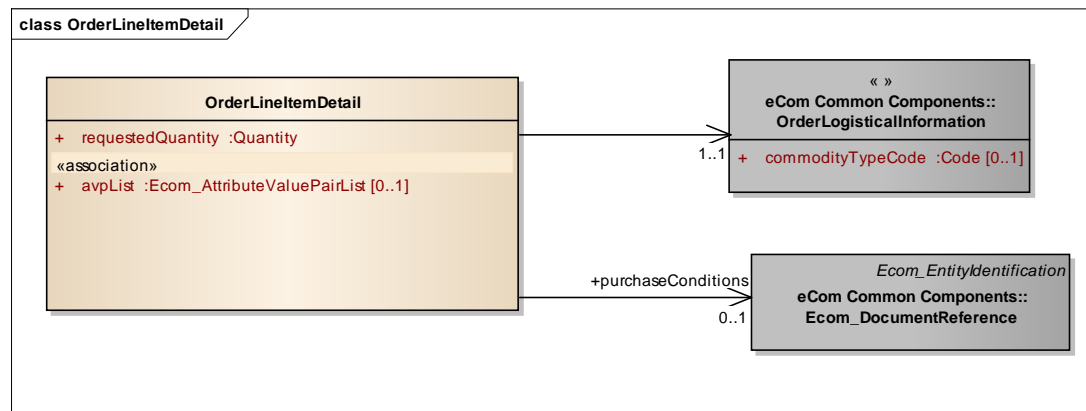
GDD Report

The content of the OrderLineItemDetail class, its structure and component definitions can be accessed in the Global Data Dictionary:
http://apps.gs1.org/GDD/bms/Version3_3/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:OrderLineItemDetail

Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
OrderLineItemDetail				Allows the identification of various shipping details by Order Line Item.	
Association	purchaseConditions	Ecom_DocumentReference	0..1	A reference to the purchase conditions. The reference is associated with specific items in the order.	WR 15-000314
Association		OrderLogisticalInformation	1..1	Contains the information related with the dates and destinations of the goods or services for the order line item detail.	
Attribute	requestedQuantity	Quantity	1..1	The quantity which has been requested.	
Attribute	avpList	Ecom_AttributeValuePairList	0..1	Temporary attributes introduced between minor versions.	WR 14-000110

✅ **Note:** Reference Shared Common Library Business Message (BMS) Release 3.3 and eCom Domain Common Library Business Message (BMS) Release 3.3 for all common information.

4.4 Enumerations (message specific)

Not applicable

4.5 Code Lists

Class	Codelist	Referenced in
Order	OrderTypeCode	*http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:OrderTypeCode*
Order OrderLineItem	OrderInstruction Code	*http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:OrderInstructionCode*
OrderLineItem	LineItemActionC ode	*http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:LineItemActionCode*
Order	OrderEntryTypeC ode	*http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:OrderEntryTypeCode*
Order OrderLineItem	TransactionalRef erenceTypeCode	*http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:TransactionalReferenceTypeCode*

Note: Refer to the Global Data Dictionary (GDD) for the code values.

5 Business Message Examples

5.1 Example 1

This is an example of the Order message used in the **simple retail scenario**.

The order identification number is PO3352, and the order is placed on the 11th of March 2011 at 11:00 AM.

The Buyer requires an application receipt acknowledgement and the order is not free of excise tax duty.

The ordered goods should be delivered directly to the retailer's store (GLN 5412345000037) on 11th of April 2011.

The Buyer (GLN 5412345000013) orders the following:

GS1 Global Trade Item Number	Quantity	Order Line Instruction
40987650000223	48	Fragile
40987650000346	24	Perishable

Party Information

GS1 Global Location Number	Party Type
5412345000013	Buyer
4098765000010	Seller
5412345000037	Ship to

Message Example 1

Attribute	Value
Order	
orderTypeCode	220
isApplicationReceiptAcknowledgementRequired	TRUE
orderInstructionCode	PARTIAL_DELIVERY_ALLOWED
additionalOrderInstruction	Please make sure all items are packed individually.
isOrderFreeOfExciseTaxDuty	FALSE
note	Check markings on cases, there was a problem with past orders. This is general information only, not to be processed by your system.
Document	
creationDateTime	2011-03-11 11:00
documentStatus	ORIGINAL
revisionNumber	1
Entity Identification (+orderIdentification)	
uniqueCreatorIdentification	PO3352
PartyIdentification (+contentOwner)	
gln	5412345000013
OrderPartyInformation	
TransactionalParty (+seller)	
gln	4098765000010
TransactionalParty (+buyer)	
gln	5412345000013
OrderLogisticalInformation	
TransactionalParty (+shipFrom)	
gln	4098765000010
TransactionalParty (+shipTo)	
gln	5412345000037
TransactionalParty (+inventoryLocation)	
gln	4098765000010
DateOptionalTime (+requestedDeliveryDateTime)	
date	2011-04-11
PaymentTerms	
paymentTermsEventCode	AFTER_DATE_OF_DELIVERY
paymentTermsTypeCode	1
proximoCutOffDay	31
DocumentReference	
+tradeAgreement	56895632
+quoteNumber	ASP0002NET
OrderLineItem *1	

Attribute	Value
lineItemNumber	1
requestedQuantity	48, EA
lineItemActioncode	NOT_AMENDED
additionalOrderLineInstruction	FRAGILE
netAmount	8016 EUR
netPrice	167 EUR
Note	Check markings on cases, there was a problem with past orders. This is general information only, not to be processed by your system.
TransactionalTradeItem	
gtin	40987650000223
LeviedDutyFeeTax	
dutyFeeTaxAmount	1683.36 EUR
dutyFeeTaxBasisAmount	8016.00 EUR
dutyFeeTaxPercentage	21.00
dutyFeeTaxTypeCode	VAT
OrderLineItem *2	
lineItemNumber	2
requestedQuantity	24, EA
additionalOrderLineInstruction	Perishable
netAmount	4659 EUR
netPrice	194.125 EUR
TransactionalTradeItem	
gtin	40987650000346
LeviedDutyFeeTax	
dutyFeeTaxAmount	978.39 EUR
dutyFeeTaxBasisAmount	4659.00 EUR
dutyFeeTaxPercentage	21.00
dutyFeeTaxTypeCode	VAT

5.2   Example 2

This is an example of the Order message used in the **cross docking scenario**.

The order identification number is PO3399, and the order is placed on the 11th of March 2011 at 11:00 AM.

The Buyer requires an application receipt acknowledgement and the order is not free of excise tax duty.

The goods should be delivered to the cross docking centre (GLN 5420304050603), broken down into two packages each and delivered to two stores that belong to the Buyer's company.

The Buyer (GLN 5412345000013) orders the following:

GS1 Global Trade Item Number	Quantity	Order Line Instruction
40987650000223	48	Fragile
40098765000346	24	Perishable

Party Information

GS1 Global Location Number	Party Type
5412345000013	Buyer
4098765000010	Seller
5420304050603	Cross docking centre (Ship To)
5412345000174	Buyer's store 1 (Ultimate Consignee 1)
5412345000228	Buyer's store 2 (Ultimate Consignee 2)

Message Example 2

Attribute	Value
Order	
orderTypeCode	402
isApplicationReceiptAcknowledgementRequired	TRUE
orderInstructionCode	PARTIAL_DELIVERY_ALLOWED
additionalOrderInstruction	Please make sure all items are packed individually.
isOrderFreeOfExciseTaxDuty	FALSE
totalTaxAmount	2661.75 EUR
totalMonetaryAmountExcludingTaxes	12675 EUR
note	Check markings on cases, there was a problem with past orders. This is general information only, not to be processed by your system.
Document	
creationDateTime	2011-03-11 11:00
documentStatus	ORIGINAL
revisionNumber	1
Entity Identification (+orderIdentification)	
uniqueCreatorIdentification	PO3399
PartyIdentification (+contentOwner)	
gln	5412345000013
OrderPartyInformation	
TransactionalParty (+seller)	
gln	4098765000010
TransactionalParty (+buyer)	
gln	5412345000013
TransactionalParty (+billTo)	
gln	5412345000013
PaymentTerms	
paymentTermsEventCode	AFTER_DATE_OF_DELIVERY

Attribute	Value
paymentTermsTypeCode	1
proximoCutOffDay	31
OrderLogisticalInformation	
TransactionalParty (+shipFrom)	
gln	4098765000010
TransactionalParty (+shipTo)	
gln	5420304050603
TransactionalParty (+inventoryLocation)	
gln	4098765000010
DocumentReference	
+tradeAgreement	56895632
+quoteNumber	ASP0002NET
OrderLineItem *1	
lineItemNumber	1
requestedQuantity	48, EA
lineItemActioncode	NOT_AMENDED
additionalOrderLineInstruction	FRAGILE
netAmount	8016 EUR
netPrice	167 EUR
Note	Check markings on cases, there was a problem with past orders. This is general information only, not to be processed by your system.
TransactionalTradeItem	
gtin	40987650000223
LeviedDutyFeeTax	
dutyFeeTaxAmount	1683.36 EUR
dutyFeeTaxBasisAmount	8016.00 EUR
dutyFeeTaxPercentage	21.00
dutyFeeTaxTypeCode	VAT
OrderLineItemDetail	
requestedQuantity	40, EA
TransactionalParty (+ultimateConsignee)	
gln	5412345000174
OrderLineItemDetail	
requestedQuantity	8, EA
TransactionalParty (+ultimateConsignee)	
gln	5412345000228
OrderLineItem *2	
lineItemNumber	2
requestedQuantity	24, EA
additionalOrderLineInstruction	Perishable

Attribute	Value
netAmount	4659 EUR
netPrice	194.125 EUR
TransactionalTradeItem	
gtin	40987650000346
LeviedDutyFeeTax	
dutyFeeTaxAmount	978.39 EUR
dutyFeeTaxBasisAmount	4659.00 EUR
dutyFeeTaxPercentage	21.00
dutyFeeTaxTypeCode	VAT
OrderLineItemDetail	
requestedQuantity	20, EA
TransactionalParty (+ultimateConsignee)	
gln	5412345000174
OrderLineItemDetail	
requestedQuantity	4, EA
TransactionalParty (+ultimateConsignee)	
gln	5412345000228

6 Implementation Considerations

6.1 User Guide

The Functional User Guide contains more information about the structure and content of the message: *http://www.gs1.org/docs/ecom/xml/3/3.3/eCom-Trade_messages.html#Order*

6.2 Guidance on amounts in Order Line Item

The amounts in the order line item may be applied in combination with each other as follows:

- netAmount = requestedQuantity * netPrice,
- amountExcludingTaxes = netAmount + (allowances & charges)
- amountIncludingTaxes = netAmount + (allowances / charges) + (taxes)

7 Summary of Changes

Any change in the GS1 standards is done based on the Work Request (WR) submitted by the GS1 User Companies or Member Organisations. All Work Requests are documented in the Work Request system available on the GS1 website: ***http://wr.gs1.org***. The system is accessible to registered users. New visitors need to register first, to be able to access it. WRs can be searched by the number referenced in tables below, see: Search Work Requests. The number starts with the two last digits of the year when it was submitted, followed by the consecutive number within that year.

Note: WRs submitted earlier than February 2012 should be searched in Old Change Requests.

7.1 BMS Release 3.0

Change	Associated CR Number
For BMS Release 3.0.0 • Updated class diagrams for MR3.0.0 + added elements of Current Requirements Queue. • Configure to Order has been published as Order. • Updated Section 6, Business document Example to reflect the changes. • Updated Section 8.2 Test Data to reflect the changes. • Added section 10 for Architectural Principles. **After Peer Review:** • Included the code lists and enumerations and referenced where they can be found (eCom or Shared Common). • The version of the document set to 1.0.0. • Document change history wiped clean except for the latest version. • In context, Geopolitical set to "All" instead of "Global". • Improved the scenario section to remove steps 1, 2 and 3 and replaced "Ends" with "Seller Receives Order" • In GDD report, added missing definition for orderTypeCode • Summary of Changes wiped clean except for the version for release 3.0	10-000019 09-000259 09-000240 09-000238 09-000236 09-000195 09-000102
After TSD Development: Changed in test data section proximoCutOffDate to proximoCutOffDay to be in sync with UML model. Changed the value to 31.	
BMS Public Review: Added a code in paragraph 5.5.	
BMS Final Quality Check before Publication: Removed year reference in footer copyright statement Changed lowerCamelCase for all GS1 keys into lowercase Replaced architectural principles section with updated version.	

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7.2 BMS Release 3.1

Change	Associated CR
class Order - maintenance view «root» **Order** + orderTypeCode: OrderTypeCode [0..1] + isApplicationReceiptAcknowledgementRequired: boolean [0..1] + orderInstructionCode: OrderInstructionCode [0..*] + additionalOrderInstruction: Description1000 [0..1] + isOrderFreeOfExciseTaxDuty: boolean [0..1] + totalMonetaryAmountExcludingTaxes: Amount [0..1] + totalMonetaryAmountIncludingTaxes: Amount [0..1] + totalTaxAmount: Amount [0..1] + note: Description500 [0..1] **maintenance** Change: (New) 3.1 added association to Delivery Terms (WR 12-154) Change: (New) 3.1 added totalMonetaryAmountIncludingTaxes (WR 12-212) **class OrderLineItem - maintenance view** **OrderLineItem** + lineItemNumber: positiveInteger + requestedQuantity: Quantity + lineItemActionCode: LineItemActionCode [0..1] + additionalOrderLineInstruction: Description200 [0..1] + netAmount: Amount [0..1] + netPrice: Amount [0..1] + monetaryAmountExcludingTaxes: Amount [0..1] + monetaryAmountIncludingTaxes: Amount [0..1] + note: Description500 [0..1] **maintenance** Change: (Verified) 3.1 added monetaryAmountExcludingTaxes (WR 12-213) Change: (Verified) 3.1 added monetaryAmountIncludingTaxes (WR 12-213) ▪ Added revisonNumber to example. Added paragraph 6.1 Guidance on amounts in Order Line Item	**12-000154** **12-000212** **12-000213**

7.3   BMS Release 3.2

Change	Associated WR
Added Attribute Value Pair at the root, line item and sub line item levels **class Order - maintenance view** **«root»** **Order** + orderTypeCode :OrderTypeCode [0..1] + isApplicationReceiptAcknowledgementRequired :boolean [0..1] + orderInstructionCode :OrderInstructionCode [0..*] + additionalOrderInstruction :Description1000 [0..1] + isOrderFreeOfExciseTaxDuty :boolean [0..1] + totalMonetaryAmountExcludingTaxes :Amount [0..1] + totalMonetaryAmountIncludingTaxes :Amount [0..1] + totalTaxAmount :Amount [0..1] + note :Description500 [0..1] *maintenance* Change: (Complete) 3.1 added association to Delivery Terms (WR 12-154) Change: (Complete) 3.1 added totalMonetaryAmountIncludingTaxes (WR 12-212) Change: (Verified) 3.2 changed generalisation from Document to eComDocument class to include AVP (WR 14-110)	**14-000110**
■ Added itemPriceBaseQuantity (WR 13-155) ■ Added a reference to parent line number to all LineItem classes, to support hierarchical items (WRs 14-021 & 14-044) ■ Added Attribute Value Pair at the root, line item and sub line item levels (WR 14-110) **class OrderLineItem - maintenance view** **OrderLineItem** + lineItemNumber: positiveInteger + requestedQuantity: Quantity + lineItemActionCode: LineItemActionCode [0..1] + additionalOrderLineInstruction: Description200 [0..1] + netAmount: Amount [0..1] + netPrice: Amount [0..1] + monetaryAmountExcludingTaxes: Amount [0..1] + monetaryAmountIncludingTaxes: Amount [0..1] + itemPriceBaseQuantity: Quantity [0..1] + parentLineItemNumber: positiveInteger [0..1] + note: Description500 [0..1] «association» + avpList: Ecom_AttributeValuePairList [0..1] *maintenance* Change: (Complete) 3.1 added monetaryAmountExcludingTaxes (WR 12-213) Change: (Complete) 3.1 added monetaryAmountIncludingTaxes (WR 12-213) Change: (Verified) 3.2 added +avpList (WR 14-110) Change: (Verified) 3.2 added +itemPriceBaseQuantity (WR 13-155) Change: (Verified) 3.2 added +parentLineItemNumber (WR 14-021 & 14-044)	**13-000155** **14-000021** **14-000044** **14-000110**

Change	Associated WR
Added Attribute Value Pair at the root, line item and sub line item levels	**14-000110**

class OrderLineItemDetail - maintenance view

OrderLineItemDetail

+ requestedQuantity :Quantity
+ «association» avpList :Ecom_AttributeValuePairList [0..1]

maintenance
Change: (Verified) 3.2 added +avpList (WR 14-110)

7.4   BMS Release 3.3

Change	Associated WR
Created Ecom_EntityIdentification class and changed association from the previous EntityIdentification	**15-000314** Make GS1 identification keys optional in GS1 EDI XML

class Order - maintenance view

eCom GS1 Identification::
Ecom_EntityIdentification

maintenance
Change: (New) 3.3 New class (WR 15-314)

+orderIdentification / 1..1

«root»
Order

+   orderTypeCode :OrderTypeCode [0..1]
+   isApplicationReceiptAcknowledgementRequired :boolean [0..1]
+   orderInstructionCode :OrderInstructionCode [0..*]
+   additionalOrderInstruction :Description1000 [0..*]
+   isOrderFreeOfExciseTaxDuty :boolean [0..1]
+   orderEntryType :OrderEntryTypeCode [0..1]
+   orderPriority :string [0..1] = {1..35}
+   totalMonetaryAmountExcludingTaxes :Amount [0..1]
+   totalMonetaryAmountIncludingTaxes :Amount [0..1]
+   totalTaxAmount :Amount [0..1]
+   note :Description500 [0..1]

maintenance
Change: (Complete) 3.1 added association to Delivery Terms (WR 12-154)
Change: (Complete) 3.1 added totalMonetaryAmountIncludingTaxes (WR 12-212)
Change: (Complete) 3.2 changed generalisation from Document to eComDocument class to include AVP (WR 14-110)
Change: (New) 3.3 added +orderEntryType (WR 15-282)
Change: (New) 3.3 added +orderPriority (WR15-282)
Change: (New) 3.3 added association to DateOptionalTime named +deliveryDateAccordingToSchedule (WR 16-064)
Change: (New) 3.3 added association to DateOptionalTime named +latestDeliveryDate (WR 16-065)
Change: (New) 3.3 added association to Ecom_DocumentReference named +contract (WR 16-025)
Change: (New) 3.3 added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068)
Change: (New) 3.3 added association to ReferencedOrder class (WR 15-282)
Change: (New) 3.3 added association to TransactionalGenericRererence (WR 16-031, 069, 079)
Change: (New) 3.3 added association to TransactionalParty named +pickupFrom (WR 16-036)
Change: (New) 3.3 changed association from EntityIdentification to Ecom_EntityIdentification (WR 15-314)
Change: (New) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314)
Change: (New) 3.3 changed multiplicity of +additionalOrderInstruction from 0..1 to 0..* (WR 16-067)

Change	Associated WR

- Added orderEntryType (WR 15-282)

- Added orderPriority (WR 15-282)

class Order - maintenance view

«root»
Order

+ orderTypeCode :OrderTypeCode [0..1]
+ isApplicationReceiptAcknowledgementRequired :boolean [0..1]
+ orderInstructionCode :OrderInstructionCode [0..*]
+ additionalOrderInstruction :Description1000 [0..*]
+ isOrderFreeOfExciseTaxDuty :boolean [0..1]
+ orderEntryType :OrderEntryTypeCode [0..1]
+ orderPriority :string [0..1] = {1..35}
+ totalMonetaryAmountExcludingTaxes :Amount [0..1]
+ totalMonetaryAmountIncludingTaxes :Amount [0..1]
+ totalTaxAmount :Amount [0..1]
+ note :Description500 [0..1]

maintenance
Change: (Complete) 3.1 added association to Delivery Terms (WR 12-154)
Change: (Complete) 3.1 added totalMonetaryAmountIncludingTaxes (WR 12-212)
Change: (Complete) 3.2 changed generalisation from Document to eComDocument class to include AVP (WR 14-110)
Change: (New) 3.3 added +orderEntryType (WR 15-282)
Change: (New) 3.3 added +orderPriority (WR15-282)
Change: (New) 3.3 added association to DateOptionalTime named +deliveryDateAccordingToSchedule (WR 16-064)
Change: (New) 3.3 added association to DateOptionalTime named +latestDeliveryDate (WR 16-065)
Change: (New) 3.3 added association to Ecom_DocumentReference named +contract (WR 16-025)
Change: (New) 3.3 added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068)
Change: (New) 3.3 added association to ReferencedOrder class (WR 15-282)
Change: (New) 3.3 added association to TransactionalGenericRererence (WR 16-031, 069, 079)
Change: (New) 3.3 added association to TransactionalParty named +pickupFrom (WR 16-036)
Change: (New) 3.3 changed association from EntityIdentification to Ecom_EntityIdentification (WR 15-314)
Change: (New) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314)
Change: (New) 3.3 changed multiplicity of +additionalOrderInstruction from 0..1 to 0..* (WR 16-067)

Associated WR column:

15-000282
Add Order Priority element

15-000282
Add Order Entry Type

---

class Order - maintenance view

«root»
Order

+ orderTypeCode :OrderTypeCode [0..1]
+ isApplicationReceiptAcknowledgementRequired :boolean [0..1]
+ orderInstructionCode :OrderInstructionCode [0..*]
+ additionalOrderInstruction :Description1000 [0..*]
+ isOrderFreeOfExciseTaxDuty :boolean [0..1]
+ orderEntryType :OrderEntryTypeCode [0..1]
+ orderPriority :string [0..1] = {1..35}
+ totalMonetaryAmountExcludingTaxes :Amount [0..1]
+ totalMonetaryAmountIncludingTaxes :Amount [0..1]
+ totalTaxAmount :Amount [0..1]
+ note :Description500 [0..1]

maintenance
Change: (Complete) 3.1 added association to Delivery Terms (WR 12-154)
Change: (Complete) 3.1 added totalMonetaryAmountIncludingTaxes (WR 12-212)
Change: (Complete) 3.2 changed generalisation from Document to eComDocument class to include AVP (WR 14-110)
Change: (New) 3.3 added +orderEntryType (WR 15-282)
Change: (New) 3.3 added +orderPriority (WR15-282)
Change: (New) 3.3 added association to DateOptionalTime named +deliveryDateAccordingToSchedule (WR 16-064)
Change: (New) 3.3 added association to DateOptionalTime named +latestDeliveryDate (WR 16-065)
Change: (New) 3.3 added association to Ecom_DocumentReference named +contract (WR 16-025)
Change: (New) 3.3 added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068)
Change: (New) 3.3 added association to ReferencedOrder class (WR 15-282)
Change: (New) 3.3 added association to TransactionalGenericRererence (WR 16-031, 069, 079)
Change: (New) 3.3 added association to TransactionalParty named +pickupFrom (WR 16-036)
Change: (New) 3.3 changed association from EntityIdentification to Ecom_EntityIdentification (WR 15-314)
Change: (New) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314)
Change: (New) 3.3 changed multiplicity of +additionalOrderInstruction from 0..1 to 0..* (WR 16-067)

« »
**Shared Common Components::
DateOptionalTime**

+deliveryDateAccordingToSchedule
0..1
+latestDeliveryDate
0..1

Associated WR column:

16-000064
Add delivery date according to schedule

16-000064
Add latest delivery date, after that the order is automatically cancelled

Change	Associated WR
■ Created Ecom_DocumentReference class and changed association from the previous DocumentReference (WR 15-314) ■ Added association to Ecom_DocumentReference named contract (WR 16-025) ■ Added association to Ecom_DocumentReference named customerDocumentReference (WR 16-068)	**15-000314** Make GS1 identification keys optional in GS1 EDI XML **16-000025** Add reference to a contract **16-000068** Add customer document reference

Created ReferencedOrder class and associated it to Order class (WR 15-282)	**15-000282** Add reference order element

Change	Associated WR
Created TransactionalGenericReference and associated it to Order class (WR 16-031, 069, 079) 	**16-000031** Add reference number of an ultimate customer **16-000069 &** **16-000079** Add reference number of a seller
added association to TransactionalParty named pickUpFrom (WR 16-036) 	**16-000036** Add pick up from location

Change	Associated WR
■ Added orderLineItemPriority (WR 15-282) ■ Added orderLineItemInstructionCode (WR 15-282) ■ Added freeGoodsQuantity (WR 16-054) ■ Added recommendedRetailPrice (WR 16-055) ■ additionalOrderLineInstruction and made repeatable (WR 16-066, 076) ■ Added listPrice (WR 16-077)	**15-000282** Add order priority & order line instruction code **16-000054** Add free goods quantity **16-000055** Add recommended retail price **16-000066** Add additional conditions and instructions **16-000076** Add information that there are no empties to exchange **16-000077** Add item price

class OrderLineItem - maintenance view

OrderLineItem

+ lineItemNumber :positiveInteger
+ parentLineItemNumber :positiveInteger [0..1]
+ requestedQuantity :Quantity
+ freeGoodsQuantity :Quantity [0..1]
+ lineItemActionCode :LineItemActionCode [0..1]
+ additionalOrderLineInstruction :Description200 [0..*]
+ netAmount :Amount [0..1]
+ netPrice :Amount [0..1]
+ listPrice :Amount [0..1]
+ monetaryAmountExcludingTaxes :Amount [0..1]
+ monetaryAmountIncludingTaxes :Amount [0..1]
+ itemPriceBaseQuantity :Quantity [0..1]
+ recommendedRetailPrice :Amount [0..1]
+ orderLineItemInstructionCode :OrderInstructionCode [0..1]
+ orderLineItemPriority :string [0..1] = {1..35}
+ note :Description500 [0..1]

«association»
+ avpList :Ecom_AttributeValuePairList [0..1]

maintenance
Change: (Complete) 3.1 added monetaryAmountExcludingTaxes (WR 12-213)
Change: (Complete) 3.1 added monetaryAmountIncludingTaxes (WR 12-213)
Change: (Complete) 3.2 added +avpList (WR 14-110)
Change: (Complete) 3.2 added +itemPriceBaseQuantity (WR 13-155)
Change: (Complete) 3.2 added +parentLineItemNumber (WR 14-021 & 14-044)
Change: (New) 3.3 added +additionalOrderLineInstruction and made repeatable (WR 16-066, 076)
Change: (New) 3.3 added +freeGoodsQuantity (WR 16-054)
Change: (New) 3.3 added +listPrice (WR 16-077)
Change: (New) 3.3 added +orderLineItemInstructionCode (WR 15-282)
Change: (New) 3.3 added +orderLineItemPriority (WR 15-282)
Change: (New) 3.3 added +recommendedRetailPrice (WR 16-055)
Change: (New) 3.3 added association to Contact named +orderLineItemContact (WR 16-060, 061, 062, 073)
Change: (New) 3.3 added association to DateOptionalTime named +deliveryDateAccordingToSchedule (WR 16-064)
Change: (New) 3.3 added association to DateOptionalTime named +latestDeliveryDate (WR 16-065)
Change: (New) 3.3 added association to Ecom_DocumentReference named +contract (WR 16-025)
Change: (New) 3.3 added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068)
Change: (New) 3.3 added association to Ecom_DocumentReference named +despatchAdvice (WR 16-080)
Change: (New) 3.3 added association to EndCustomerRelatedDetails (WRs 15-282)
Change: (New) 3.3 added association to OrderPackagingInstructions (WR 16-078, 081, 082)
Change: (New) 3.3 added association to the TransactionalGenericRererence (WR 16-031)
Change: (New) 3.3 added association to TransactionalParty named +preferredManufacturer (WR 16-072)
Change: (New) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314)
Change: (New) 3.3 changed multiplicity of +additionalOrderLineInstruction from 0..1 to 0..* (WR 16-067, 076)   *A*

Change	Associated WR
Added association to Contact named orderLineItemContact (WR 16-060, 061, 062, 073)	**16-000060 & 16-000061** Add to accounting information a corresponding department name or number **16-000062** Add Ordering Contact **16-000073** Add cost center manager

class OrderLineItem - maintenance view

OrderLineItem

+   lineItemNumber :positiveInteger
+   parentLineItemNumber :positiveInteger [0..1]
+   requestedQuantity :Quantity
+   freeGoodsQuantity :Quantity [0..1]
+   lineItemActionCode :LineItemActionCode [0..1]
+   additionalOrderLineInstruction :Description200 [0..*]
+   netAmount :Amount [0..1]
+   netPrice :Amount [0..1]
+   listPrice :Amount [0..1]
+   monetaryAmountExcludingTaxes :Amount [0..1]
+   monetaryAmountIncludingTaxes :Amount [0..1]
+   itemPriceBaseQuantity :Quantity [0..1]
+   recommendedRetailPrice :Amount [0..1]
+   orderLineItemInstructionCode :OrderInstructionCode [0..1]
+   orderLineItemPriority :string [0..1] = {1..35}
+   note :Description500 [0..1]

«association»
+   avpList :Ecom_AttributeValuePairList [0..1]

maintenance
Change: (Complete) 3.1 added monetaryAmountExcludingTaxes (WR 12-213)
Change: (Complete) 3.1 added monetaryAmountIncludingTaxes (WR 12-213)
Change: (Complete) 3.2 added +avpList (WR 14-110)
Change: (Complete) 3.2 added +itemPriceBaseQuantity (WR 13-155)
Change: (Complete) 3.2 added +parentLineItemNumber (WR 14-021 & 14-044)
Change: (New) 3.3 added +additionalOrderLineInstruction and made repeatable (WR 16-066, 076)
Change: (New) 3.3 added +freeGoodsQuantity (WR 16-054)
Change: (New) 3.3 added +listPrice (WR 16-077)
Change: (New) 3.3 added +orderLineItemInstructionCode (WR 15-282)
Change: (New) 3.3 added +orderLineItemPriority (WR 15-282)
Change: (New) 3.3 added +recommendedRetailPrice (WR 16-055)
Change: (New) 3.3 added association to Contact named +orderLineItemContact (WR 16-060, 061, 062, 073)
Change: (New) 3.3 added association to DateOptionalTime named +deliveryDateAccordingToSchedule (WR 16-064)
Change: (New) 3.3 added association to DateOptionalTime named +latestDeliveryDate (WR 16-065)
Change: (New) 3.3 added association to Ecom_DocumentReference named +contract (WR 16-025)
Change: (New) 3.3 added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068)
Change: (New) 3.3 added association to Ecom_DocumentReference named +despatchAdvice (WR 16-080)
Change: (New) 3.3 added association to EndCustomerRelatedDetails (WRs 15-282)
Change: (New) 3.3 added association to OrderPackagingInstructions (WR 16-078, 081, 082)
Change: (New) 3.3 added association to the TransactionalGenericReference (WR 16-031)
Change: (New) 3.3 added association to TransactionalParty named +preferredManufacturer (WR 16-072)
Change: (New) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314)
Change: (New) 3.3 changed multiplicity of +additionalOrderLineInstruction from 0..1 to 0..* (WR 16-067, 076)

Shared Common Components::Contact   +orderLieItemContact   0..*

Change	Associated WR
■ Added association to DateOptionalTime named +deliveryDateAccordingToSchedule (WR 16-064) ■ Added association to DateOptionalTime named +latestDeliveryDate (WR 16-065) 	**16-000064** Add field delivery date according to (previously agreed) schedule **16-000065** Add last date of delivery, after that the order is automatically cancelled
■ Added association to DateOptionalTime named deliveryDateAccordingToSchedule (WR 16-064) ■ Added association to DateOptionalTime named latestDeliveryDate (WR 16-065) 	**16-000064** Add delivery date according to (previously agreed) schedule **16-000065** Add last date of delivery, after that the order is automatically cancelled

Change	Associated WR
Created EndCustomerRelatedDetails class containing DeliveryMethodCode and associated it to OrderLineItem class (WR 15-282)	**15-000282** Add delivery method code

class OrderLineItem - maintenance view

OrderLineItem

+ lineItemNumber :positiveInteger
+ parentLineItemNumber :positiveInteger [0..1]
+ requestedQuantity :Quantity
+ freeGoodsQuantity :Quantity [0..1]
+ lineItemActionCode :LineItemActionCode [0..1]
+ additionalOrderLineInstruction :Description200 [0..*]
+ netAmount :Amount [0..1]
+ netPrice :Amount [0..1]
+ listPrice :Amount [0..1]
+ monetaryAmountExcludingTaxes :Amount [0..1]
+ monetaryAmountIncludingTaxes :Amount [0..1]
+ itemPriceBaseQuantity :Quantity [0..1]
+ recommendedRetailPrice :Amount [0..1]
+ orderLineItemInstructionCode :OrderInstructionCode [0..1]
+ orderLineItemPriority :string [0..1] = {1..35}
+ note :Description500 [0..1]
«association»
+ avpList :Ecom_AttributeValuePairList [0..1]

maintenance
Change: (Complete) 3.1 added monetaryAmountExcludingTaxes (WR 12-213)
Change: (Complete) 3.1 added monetaryAmountIncludingTaxes (WR 12-213)
Change: (Complete) 3.2 added +avpList (WR 14-110)
Change: (Complete) 3.2 added +itemPriceBaseQuantity (WR 13-155)
Change: (Complete) 3.2 added +parentLineItemNumber (WR 14-021 & 14-044)
Change: (New) 3.3 added +additionalOrderLineInstruction and made repeatable (WR 16-066, 076)
Change: (New) 3.3 added +freeGoodsQuantity (WR 16-054)
Change: (New) 3.3 added +listPrice (WR 16-077)
Change: (New) 3.3 added +orderLineItemInstructionCode (WR 15-282)
Change: (New) 3.3 added +orderLineItemPriority (WR 15-282)
Change: (New) 3.3 added +recommendedRetailPrice (WR 16-055)
Change: (New) 3.3 added association to Contact named +orderLineItemContact (WR 16-060, 061, 062, 073)
Change: (New) 3.3 added association to DateOptionalTime named +deliveryDateAccordingToSchedule (WR 16-064)
Change: (New) 3.3 added association to DateOptionalTime named +latestDeliveryDate (WR 16-065)
Change: (New) 3.3 added association to Ecom_DocumentReference named +contract (WR 16-025)
Change: (New) 3.3 added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068)
Change: (New) 3.3 added association to Ecom_DocumentReference named +despatchAdvice (WR 16-080)
Change: (New) 3.3 added association to EndCustomerRelatedDetails (WRs 15-282)
Change: (New) 3.3 added association to OrderPackagingInstructions (WR 16-078, 081, 082)
Change: (New) 3.3 added association to the TransactionalGenericRererence (WR 16-031)
Change: (New) 3.3 added association to TransactionalParty named +preferredManufacturer (WR 16-072)
Change: (New) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314)
Change: (New) 3.3 changed multiplicity of +additionalOrderLineInstruction from 0..1 to 0..* (WR 16-067, 076)

0..1 →

eCom Common Components::EndCustomerRelatedDetalis
maintenance
Change: (New) 3.3 new class (WR 15-282, 16-093, 16-306)

Created class OrderPackagingInstructions and added association in OrderLineItem (WR 16-078, 081, 082)	**16-000078** Add the item price for labelling **16-000081** Add additional handling instructions **16-000082** Add additional label text

class OrderLineItem - maintenance view

OrderLineItem

+ lineItemNumber :positiveInteger
+ parentLineItemNumber :positiveInteger [0..1]
+ requestedQuantity :Quantity
+ freeGoodsQuantity :Quantity [0..1]
+ lineItemActionCode :LineItemActionCode [0..1]
+ additionalOrderLineInstruction :Description200 [0..*]
+ netAmount :Amount [0..1]
+ netPrice :Amount [0..1]
+ listPrice :Amount [0..1]
+ monetaryAmountExcludingTaxes :Amount [0..1]
+ monetaryAmountIncludingTaxes :Amount [0..1]
+ itemPriceBaseQuantity :Quantity [0..1]
+ recommendedRetailPrice :Amount [0..1]
+ orderLineItemInstructionCode :OrderInstructionCode [0..1]
+ orderLineItemPriority :string [0..1] = {1..35}
+ note :Description500 [0..1]
«association»
+ avpList :Ecom_AttributeValuePairList [0..1]

maintenance
Change: (Complete) 3.1 added monetaryAmountExcludingTaxes (WR 12-213)
Change: (Complete) 3.1 added monetaryAmountIncludingTaxes (WR 12-213)
Change: (Complete) 3.2 added +avpList (WR 14-110)
Change: (Complete) 3.2 added +itemPriceBaseQuantity (WR 13-155)
Change: (Complete) 3.2 added +parentLineItemNumber (WR 14-021 & 14-044)
Change: (New) 3.3 added +additionalOrderLineInstruction and made repeatable (WR 16-066, 076)
Change: (New) 3.3 added +freeGoodsQuantity (WR 16-054)
Change: (New) 3.3 added +listPrice (WR 16-077)
Change: (New) 3.3 added +orderLineItemInstructionCode (WR 15-282)
Change: (New) 3.3 added +orderLineItemPriority (WR 15-282)
Change: (New) 3.3 added +recommendedRetailPrice (WR 16-055)
Change: (New) 3.3 added association to Contact named +orderLineItemContact (WR 16-060, 061, 062, 073)
Change: (New) 3.3 added association to DateOptionalTime named +deliveryDateAccordingToSchedule (WR 16-064)
Change: (New) 3.3 added association to DateOptionalTime named +latestDeliveryDate (WR 16-065)
Change: (New) 3.3 added association to Ecom_DocumentReference named +contract (WR 16-025)
Change: (New) 3.3 added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068)
Change: (New) 3.3 added association to Ecom_DocumentReference named +despatchAdvice (WR 16-080)
Change: (New) 3.3 added association to EndCustomerRelatedDetails (WRs 15-282)
Change: (New) 3.3 added association to OrderPackagingInstructions (WR 16-078, 081, 082)
Change: (New) 3.3 added association to the TransactionalGenericRererence (WR 16-031)
Change: (New) 3.3 added association to TransactionalParty named +preferredManufacturer (WR 16-072)
Change: (New) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314)
Change: (New) 3.3 changed multiplicity of +additionalOrderLineInstruction from 0..1 to 0..* (WR 16-067, 076)

0..1 →

OrderPackagingInstructions
+ itemPriceForLabelling :Amount [0..1]
+ additionalLabelText :Description1000 [0..*]
+ isArticleSurvaillanceEquipmentRequired :boolean
maintenance
Change: (New) 3.3 new class (WR 16-081)

Change	Associated WR
Added association to the TransactionalGenericReference (WR 16-031)	**16-000031** Add reference number of an ultimate customer
Added association to TransactionalParty named preferredManufacturer (WR 16-072)	**16-000072** Add chosen manufacturer

Change	Associated WR
Created Ecom_DocumentReference class and changed association from the previous DocumentReference (WR 15-314)	**15-000314** Make GS1 identification keys optional in GS1 EDI XML

8 Appendices

Not Applicable

9 Acknowledgements

9.1 Work Group

Function	Name	Company / organisation
Co-chair	Rossner (Pottier), Natascha	GS1 France
Co-chair	Schmidt, Tom Eric	August Storck KG
Member	Bemrose, Jonathan	R&R Ice Cream
Member	Bodemer, Petra	dm-drogerie markt GmbH + Co. KG
Member	Boikanyo, Rebone	GS1 South Africa / Consumer Goods Council of South Africa
Member	Canada, ON	M3B 3L1
Member	Carlson, Jim	General Mills, Inc.
Member	Chresta, Richard	GS1 Switzerland
Member	Cook, Don	Wal-Mart Stores, Inc.
Member	Cox, Marc	Philips Electronics N.V.
Member	Darnell, David	Systrends
Member	De Flou, Nele	GS1 Belgium & Luxembourg
Member	Dicks, Arne	GS1 Germany
Member	Duvinger, Karina	GS1 Sweden
Member	Foerderer, Klaus	GS1 Germany
Member	Gathmann, Stefan	GS1 Ireland
Member	Grangard, Anders	GS1 Global Office
Member	Harpell, Eileen	GS1 Community Room Staff
Member	Hand, Phil	JDA Software
Member	Herregodts, Kurt	GS1 Belgium & Luxembourg
Member	Kempkes, Fred	Unilever N.V.
Member	Kernan, Brendan	GS1 Ireland

Function	Name	Company / organisation
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Member	Laur, Rita	GS1 Canada
Member	Lenman, Mia	GS1 Sweden
Member	Lerch, Hanjoerg	METRO Group
Member	Moberg, Dale	Axway
Member	Montes de Oca, Alejandra	GS1 Mexico
Member	Ng, Ella	GS1 Australia
Member	Peelen, Esther	GS1 Netherlands
Member	Pelekies, Andreas	GS1 Germany
Member	Perrier, Patricia	GS1 France
Member	Przybilla, Christian	GS1 Germany
Member	Pujol, Xavier	GS1 Spain
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Member	Rosenberg, Steven	GS1 US
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Member	Schneider, Christian	GS1 Switzerland
Member	Sehorz, Eugen	GS1 Austria
Member	Sharma, Vishal	General Mills, Inc.
Member	Shimazaki, Ayako	GS1 Japan
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Member	Strand, Roman	GS1 Germany
Member	Tan, Milton	GS1 Malaysia
Member	Tompsett, Simon	Waitrose
Member	Trelle, Ute	1WorldSync Holdings, Inc.
Member	Tse, Steve	GS1 Hong Kong
Member	Tyson, Betty	Knouse Foods Cooperative, Inc
Member	Van den Bergh, Senne	GS1 Belgium & Luxembourg
Member	Van der Eijk, Pim	OASIS - Sonnenglanz Consulting BV
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Member	Welch, Shan	GS1 UK
Member	Westerkamp, Jan	GS1 Netherlands
Member	Wilson, Mary	GS1 US
Member	Windsperger, Bekki	Best Buy Co., Inc.
Member	Yang, Shaopeng	GS1 China
Member	Yusdiar, Dani	GS1 Indonesia

Function	Name	Company / organisation
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9.2   Development Team Members

Function	Name	Organisation
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Peer Review	Mark Van Eeghem	GS1 Global Office