



The Global Language of Business

Order Business Message Standard (BMS)

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29-Oct-2001	Venator	01-000094
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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
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Business Requirements Document (BRAD) Reference

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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
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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.

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>	Step #	Actor	Activity Step	1	Not Applicable		2			3		
Step #	Actor	Activity Step											
1	Not Applicable												
2													
3													
Related Requirements	Not Applicable												
Related Rules	Not Applicable												

Activity Diagram(s)

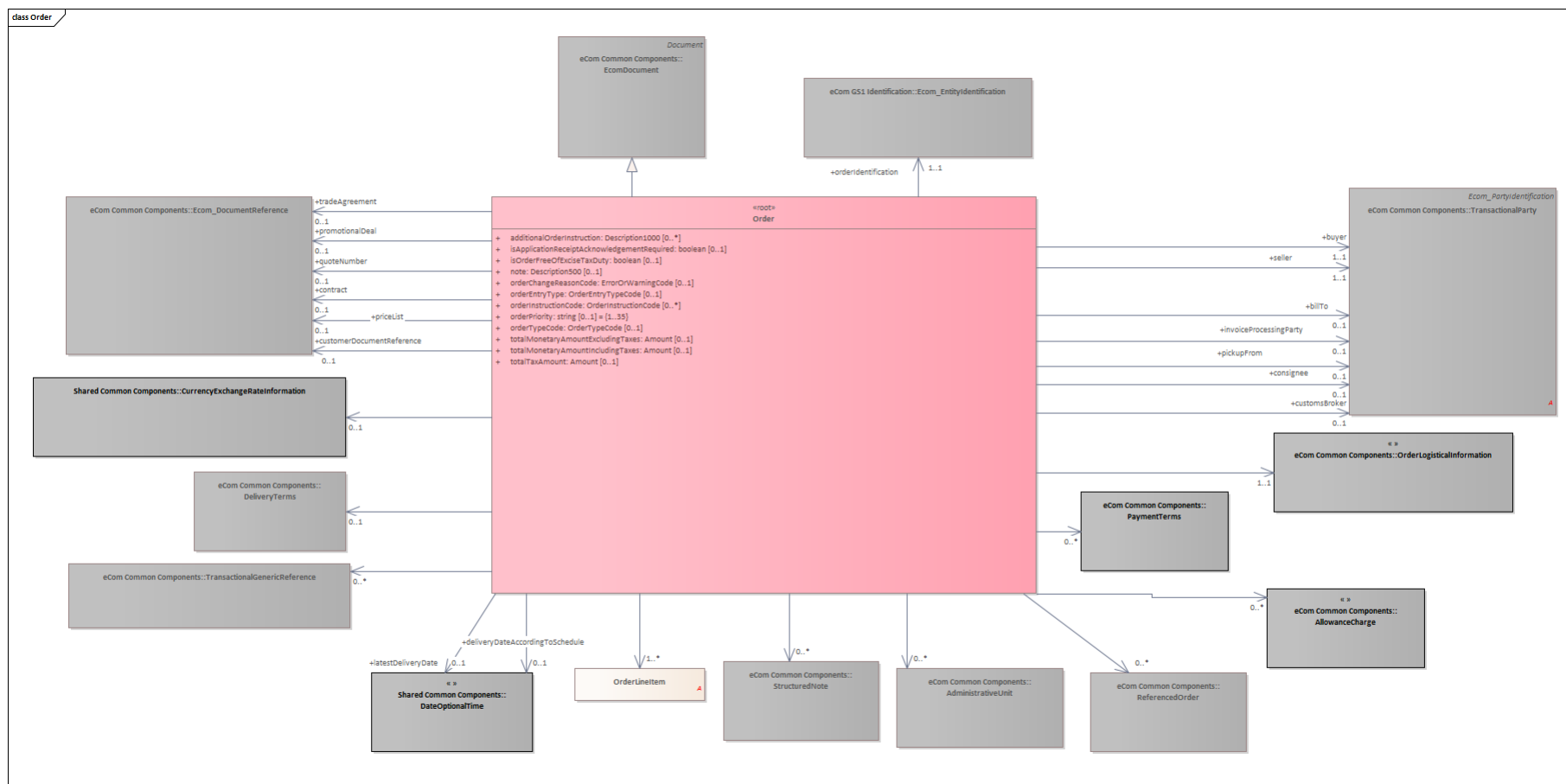
Not Applicable

Business Transaction Sequence Diagram(s) (optional)

4 Business Information View

4.1 Order

Class diagram



Report

The content of the Order class, its structure and component definitions can be accessed in the GS1 Navigator: [Message Details | EDI | Navigator | GS1](#)

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	priceList	Ecom_DocumentReference	0..1	The information specifying the details of a reference to a price list.	WR 20-263
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.	

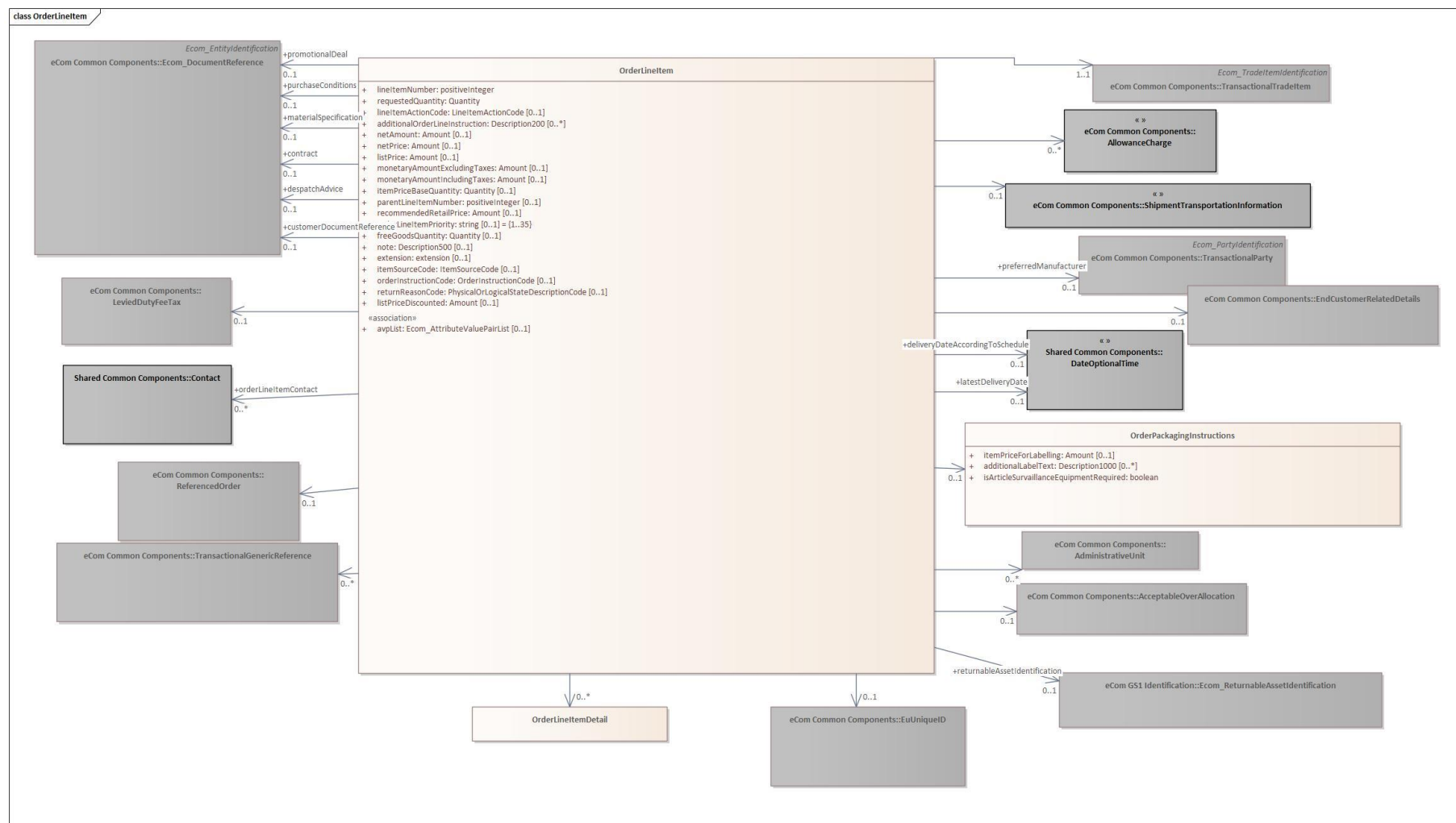
Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
Association	buyer	TransactionalParty	1..1	Identifies the party to which products or services are sold.	
Association	orderIdentification	Ecom_EntityIdentification	1..1	The unique identification of the Order.	WR 15-000314
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 the related 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 picked up from.	WR 16-000036
Association	invoiceProcessingParty	TransactionalParty	0..1	The party or function for processing a received invoice on behalf of the invoicee.	WR 20-266
Association	consignee	TransactionalParty	0..1	The party receiving a consignment of goods.	WR 20-264
Association	customsBroker	TransactionalParty	0..1	A party specialised in customs related services, for cross border shipments.	WR 17-000311 - 17-000318

Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
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.	
Association	StructuredNote		0..*	Free text used to convey information that is not processed by applications, used when there is a need to make references to specific note in other messages.	WR 17-000311 - 17-000318
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
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	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

Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
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
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
Attribute	orderChangeReasonCode	ErrorOrWarningCode	0..1	Provides a reason for Order change or cancellation.	WR 16-000349

4.2 Order Line Item

Class Diagram



Report

The content of the OrderLineItem class, its structure and component definitions can be accessed in the GS1 Navigator: [Class Details](#) | [EDI](#) | [Navigator](#) | [GS1](#)

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
Association	latestDeliveryDate	DateOptionalTime	0..1	The latest date of delivery, after which the order is automatically cancelled.	WR 16-000065

Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
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
Association		ReferencedOrder	0..1	Allows reference to the line item of the related Order, based on which the current Order line item was created (e.g. as a result of splitting the original line item).	Hiba! Érvénytelen csatolás.
Association		AcceptableOverAllocation	0..1	Quantity or percentage of items that can be rounded up (over allocated) for practical purpose, e.g. customer ordered 7 items, but receives the package of 8. Acceptable over allocation can be expressed as quantity or percentage of the originally ordered quantity.	Hiba! Érvénytelen csatolás.
Association		EuUniqueID	0..1	Group of attributes related to the EU Unique IDs.	WR 18-000279
Attribute	lineItemNumber	positiveInteger	1..1	Provides the line number associated to the Order Line Item.	

Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
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.	
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

Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
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
Attribute	extension	extension	0..1	Extension point for inclusion of context specific information, such as information specific to a particular type of product. Example: Extension for traceability of meat products. Note: While any well-formed XML may be placed in the 'extension' element, users must bear in mind that business partners will not understand the non-standard information. It is therefore recommended to use only the extension attributes approved within the GSMP process.	WR 17-000311 – 17-000318
Attribute	itemSourceCode	ItemSourceCode	0..1	Specifies whether the item must be fulfilled by another crossdocking order, existing warehouse stock, or can be fulfilled by either.	WR 16-000349
Attribute	orderInstructionCode	OrderInstructionCode	0..1	Code specifying special order conditions.	Hiba! Érvénytelen csatolás.
Attribute	returnReasonCode	PhysicalOrLogicalStateDescriptionCode	0..1	Code specifying the reason for goods return. To be used for Return Order.	WR 16-000349
Attribute	listPriceDiscounted	Amount	0..1	The discounted list price for a trade item.	WR 23-000316

Report

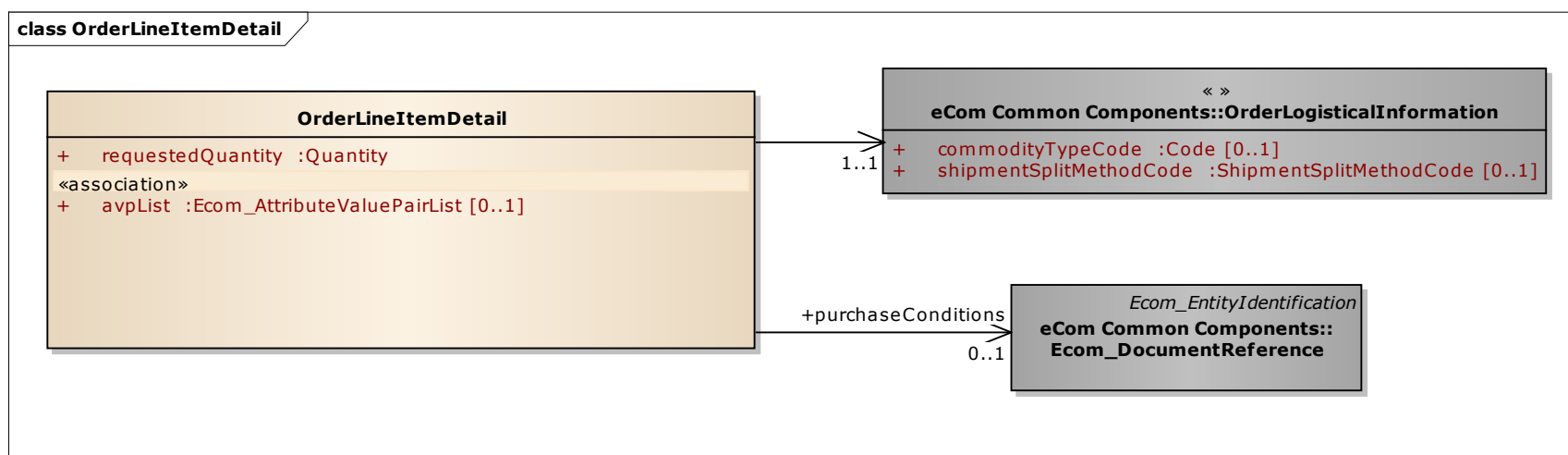
The content of the OrderPackagingInstructions class, its structure and component definitions can be accessed in the GS1 Navigator: [Class Details](#) | [EDI](#) | [Navigator](#) | [GS1](#)

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.	

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
Attribute	additionalLabelText	Description1000	0..*	Provides text information that should be printed on the item label.	
Attribute	isArticleSurveillanceEquipmentRequired	boolean	1..1	Specifies whether article surveillance (e.g. security tag)	

4.3 Order Line Item Detail

Class Diagram



Report

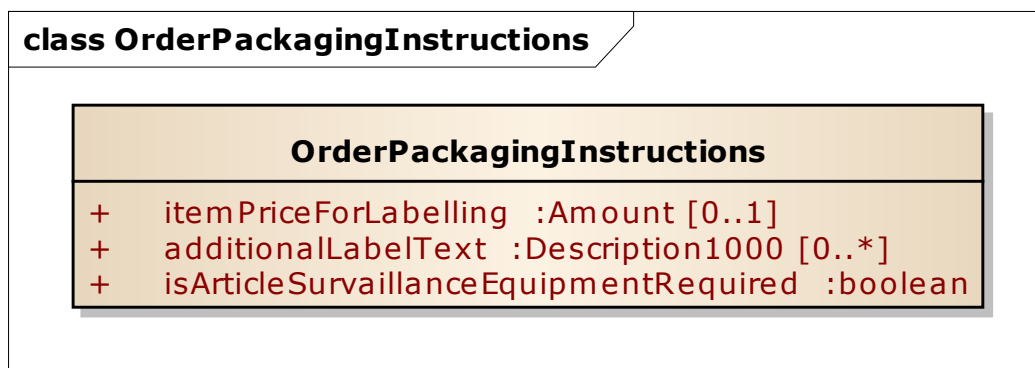
The content of the OrderLineItemDetail class, its structure and component definitions can be accessed in the GS1 Navigator: [Class Details | EDI | Navigator | GS1](#)

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

4.4 Order Packaging Instructions

Class Diagram



Report

The content of the OrderPackagingInstructions class, its structure and component definitions can be accessed in the GS1 Navigator: [Class Details](#) | [EDI](#) | [Navigator](#) | [GS1](#)

Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
OrderPackagingInstructions				Instructions for the packaging of the item ordered.	WR 16-000081
Attribute	itemPriceForLabelling	Amount	0..1	Identifies the price of the item that needs to be labelled on a packaging item.	WR 16-000081
Attribute	additionalLabelText	Description1000	0..*	Provides text information that should be printed on the item label.	WR 16-000081
Attribute	isArticleSurveillanceEquipmentRequired	boolean	1..1	Specifies whether article surveillance (e.g. security tag) should be placed on the packaging.	WR 16-000081

4.5 Enumerations (message specific)

Not applicable

4.6 Code Lists

Class	Codelist	Referenced in
Order	OrderTypeCode	CodeList Details EDI Navigator GS1
Order OrderLineItem	OrderInstruction Code	CodeList Details EDI Navigator GS1
OrderLineItem	LineItemActionC ode	CodeList Details EDI Navigator GS1
Order	OrderEntryTypeC ode	CodeList Details EDI Navigator GS1
Order OrderLineItem	TransactionalRef erenceTypeCode	CodeList Details EDI Navigator GS1

Note: Refer to the GS1 Navigator Navigator 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	

Attribute	Value
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	
lineItemNumber	1
requestedQuantity	48, EA

Attribute	Value
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
40987650000346	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
paymentTermsTypeCode	1
proximoCutOffDay	31
OrderLogisticalInformation	
TransactionalParty (+shipFrom)	

Attribute	Value
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
netAmount	4659 EUR
netPrice	194.125 EUR
TransactionalTradeItem	
gtin	40987650000346

Attribute	Value
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/3/3.4/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:

- $\text{netAmount} = \text{requestedQuantity} * \text{netPrice},$
- $\text{amountExcludingTaxes} = \text{netAmount} + (\text{allowances \& charges})$
- $\text{amountIncludingTaxes} = \text{netAmount} + (\text{allowances / charges}) + (\text{taxes})$

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 <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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 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.	

7.2 BMS Release 3.1

Change	Associated CR
<ul style="list-style-type: none"> Added revisionNumber 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

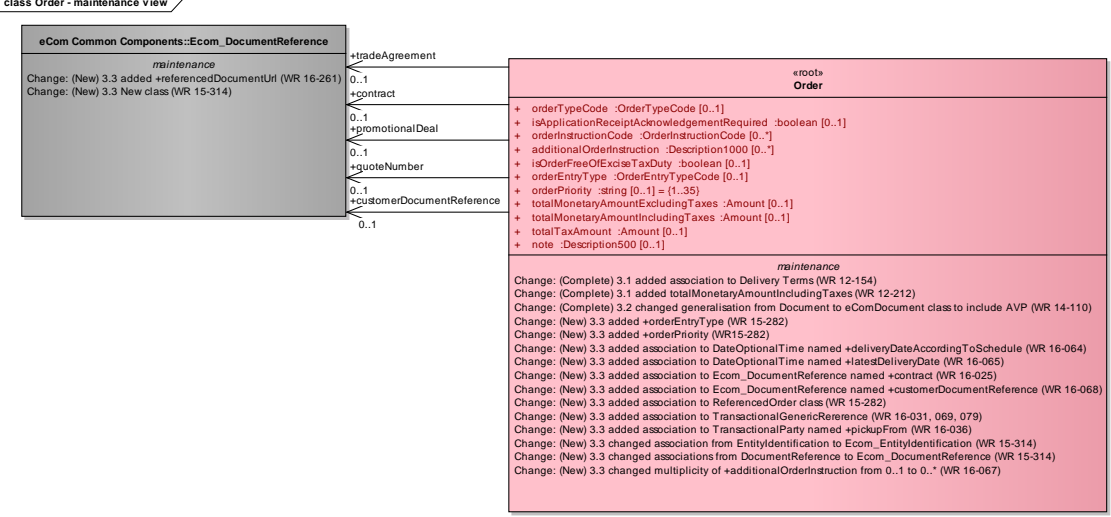
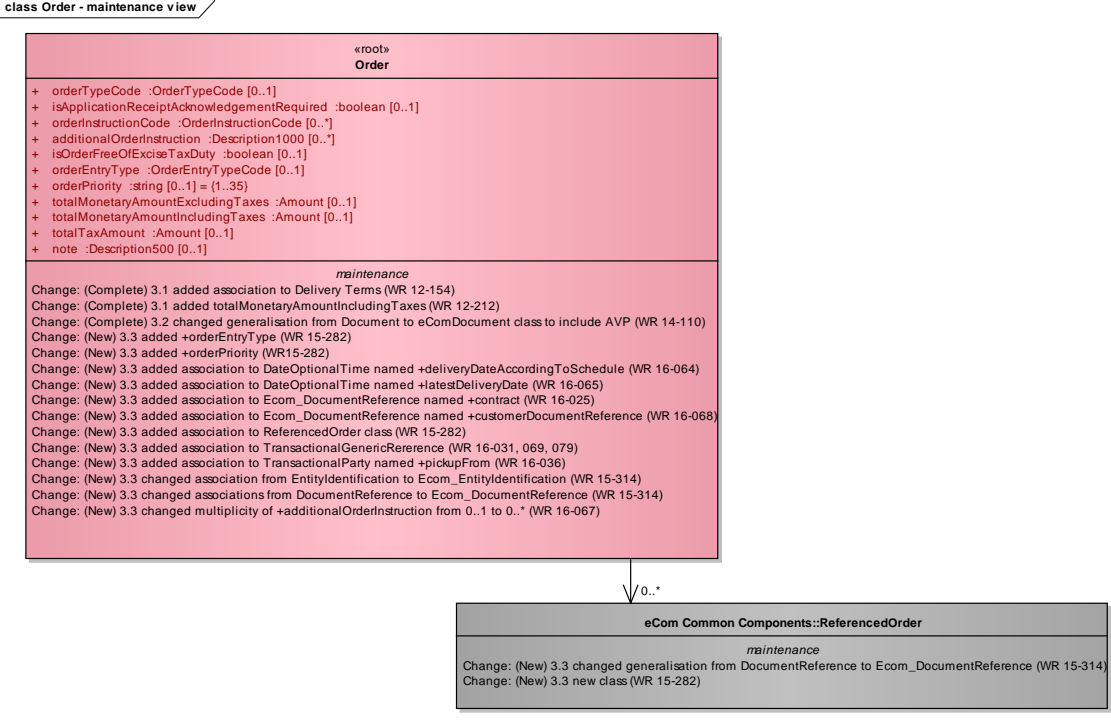
Change	Associated WR
<div>Added Attribute Value Pair at the root, line item and sub line item levels</div> <div><div>class Order - maintenance view</div><div><div>«root» Order</div><div><div>+ orderTypeCode :OrderTypeCode [0..1]</div><div>+ isApplicationReceiptAcknowledgementRequired :boolean [0..1]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

Change	Associated WR
<p>Added Attribute Value Pair at the root, line item and sub line item levels</p> <div> <div>class OrderLineItemDetail - maintenance view</div> <div> <div>OrderLineItemDetail</div> <div> + requestedQuantity :Quantity + «association» avpList :Ecom_AttributeValuePairList [0..1] </div> <div> <i>maintenance</i> Change: (Verified) 3.2 added +avpList (WR 14-110) </div> </div> </div>	14-000110

7.4 BMS Release 3.3

Change	Associated WR
<p>Created Ecom_EntityIdentification class and changed association from the previous EntityIdentification</p> <div data-bbox="159 392 1289 1532"> <div data-bbox="159 392 486 425">class Order - maintenance view</div> <div data-bbox="774 448 1157 600"> <div data-bbox="774 448 1157 526">eCom GS1 Identification:: Ecom_EntityIdentification</div> <div data-bbox="774 526 1157 600"> <i>maintenance</i> Change: (New) 3.3 New class (WR 15-314) </div> </div> <div data-bbox="774 600 1021 638">+orderIdentification / 1..1</div> <div data-bbox="199 694 1252 1489"> <div data-bbox="199 694 1252 772">«root» Order</div> <div data-bbox="199 772 1252 1041"> + 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] </div> <div data-bbox="199 1041 1252 1489"> <i>maintenance</i> 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 TransactionalGenericRerence (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) </div> </div> </div>	<p>15-000314</p> <p>Make GS1 identification keys optional in GS1 EDI XML</p>

Change	Associated WR
<p> ■ Added orderEntryType (WR 15-282) ■ Added orderPriority (WR 15-282) </p> <div data-bbox="164 405 456 427">class Order - maintenance view</div> <div data-bbox="197 456 1246 1245"> <pre> «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 TransactionalGenericRerence (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) </pre> </div>	<p> 15-000282 Add Order Priority element 15-000282 Add Order Entry Type </p>
<div data-bbox="164 1350 344 1373">class Order - maintenance view</div> <div data-bbox="180 1805 579 1888"> <pre> « » Shared Common Components: DateOptionalTime +deliveryDateAccordingToSchedule 0..1 +latestDeliveryDate 0..1 </pre> </div> <div data-bbox="587 1382 1257 1888"> <pre> «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 TransactionalGenericRerence (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) </pre> </div>	<p> 16-000064 Add delivery date according to schedule 16-000064 Add latest delivery date, after that the order is automatically cancelled </p>

Change	Associated WR
<ul style="list-style-type: none"> 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) <div data-bbox="156 461 1294 1003"> <p>class Order - maintenance view</p>  <p>eCom Common Components::Ecom_DocumentReference maintenance Change: (New) 3.3 added +referencedDocumentUri (WR 16-261) Change: (New) 3.3 New class (WR 15-314)</p> <p>«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]</p> <p>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 (WR 15-282) 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 TransactionalGenericReference (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)</p> </div>	<p>15-000314 Make GS1 identification keys optional in GS1 EDI XML</p> <p>16-000025 Add reference to a contract</p> <p>16-000068 Add customer document reference</p>
<p>Created ReferencedOrder class and associated it to Order class (WR 15-282)</p> <div data-bbox="156 1061 1294 1816"> <p>class Order - maintenance view</p>  <p>«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]</p> <p>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 (WR 15-282) 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 TransactionalGenericReference (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)</p> <p>eCom Common Components::ReferencedOrder maintenance Change: (New) 3.3 changed generalisation from DocumentReference to Ecom_DocumentReference (WR 15-314) Change: (New) 3.3 new class (WR 15-282)</p> </div>	<p>15-000282 Add reference order element</p>

Change	Associated WR
<p>Created TransactionalGenericReference and associated it to Order class (WR 16-031, 069, 079)</p> <div> <div> class Order - maintenance view </div> <div> <pre> «root» Order + orderTypeCode :OrderTypeCode [0..1] + isApplicationReceiptAcknowledgementRequired :boolean [0..1] + orderInstructionCode :OrderInstructionCode [0..1] + additionalOrderInstruction :Description1000 [0..1] + isOrderFreeOfExciseTaxDuty :boolean [0..1] + totalMonetaryAmountExcludingTaxes :Amount [0..1] + totalMonetaryAmountIncludingTaxes :Amount [0..1] + totalTaxAmount :Amount [0..1] + orderEntryType :OrderEntryTypeCode [0..1] + orderPriority :string [0..1] = (1..35) + 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 (WR 15-282) Change: (New) 3.3 added association to AdministrativeUnit (WR 16-034) 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 TransactionalGenericReference (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) </pre> </div> <div> <div> eCom Common Components::TransactionalGenericReference </div> <div> maintenance Change: (New) 3.3 new class (WR 16-30, 031, 069, 071, 079, 083) </div> </div> </div>	<p>16-000031 Add reference number of an ultimate customer</p> <p>16-000069 & 16-000079 Add reference number of a seller</p>
<p>added association to TransactionalParty named pickupFrom (WR 16-036)</p> <div> <div> class Order - maintenance view </div> <div> <pre> «root» Order + orderTypeCode :OrderTypeCode [0..1] + isApplicationReceiptAcknowledgementRequired :boolean [0..1] + orderInstructionCode :OrderInstructionCode [0..1] + additionalOrderInstruction :Description1000 [0..1] + 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 (WR 15-282) 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 TransactionalGenericReference (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) </pre> </div> <div> <div> +buyer 1..1 +seller 1..1 +pickupFrom 0..1 +billTo 0..1 </div> <div> eCom Common Components::TransactionalParty Ecom_PartyIdentification maintenance Change: (New) 3.3 added association to avpList (WR 16-340) Change: (New) 3.3 Added generalisation to eComPartyIdentification, removed +gln and +additionalPartyIdentification (WR 15-314) </div> </div> </div>	<p>16-000036 Add pick up from location</p>

Change	Associated WR
<ul style="list-style-type: none">■ 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

Change	Associated WR
<p>Added association to Contact named orderLineItemContact (WR 16-060, 061, 062, 073)</p> <div data-bbox="156 342 1300 1189"> <div data-bbox="161 342 448 365">class OrderLineItem - maintenance view</div> <div data-bbox="517 383 1273 1167"> <div data-bbox="847 394 943 416">OrderLineItem</div> <div data-bbox="525 427 906 696"> + 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] </div> <div data-bbox="525 707 608 719">«association»</div> <div data-bbox="525 719 815 741">+ avpList :Ecom_AttributeValuePairList [0..1]</div> <div data-bbox="855 752 935 763">maintenance</div> <div data-bbox="525 763 1265 1155"> 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) </div> </div> <div data-bbox="197 808 357 864">Shared Common Components::Contact</div> <div data-bbox="368 808 504 864">+orderLineItemContact 0..*</div> </div>	<p>16-000060 & 16-000061 Add to accounting information a corresponding department name or number</p> <p>16-000062 Add Ordering Contact</p> <p>16-000073 Add cost center manager</p>

Change	Associated WR
<ul style="list-style-type: none"> Added association to DateOptionalTime named +deliveryDateAccordingToSchedule (WR 16-064) Added association to DateOptionalTime named +latestDeliveryDate (WR 16-065) <div data-bbox="156 394 1295 1155"> <p>class OrderLineItem - maintenance view</p> <pre> class 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 +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) </pre> <p>+deliveryDateAccordingToSchedule 0..1 +latestDeliveryDate 0..1 Shared Common Components:: DateOptionalTime 0..1</p> </div>	<p>16-000064 Add field delivery date according to (previously agreed) schedule</p> <p>16-000065 Add last date of delivery, after that the order is automatically cancelled</p>
<ul style="list-style-type: none"> Added association to DateOptionalTime named deliveryDateAccordingToSchedule (WR 16-064) Added association to DateOptionalTime named latestDeliveryDate (WR 16-065) <div data-bbox="156 1267 1295 1939"> <p>class OrderLineItem - maintenance view</p> <pre> class 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) </pre> <p>+promotionalDeal 0..1 +purchaseConditions 0..1 +contract 0..1 +materialSpecification 0..1 +customerDocumentReference 0..1 +despatchAdvice 0..1</p> </div>	<p>16-000064 Add delivery date according to (previously agreed) schedule</p> <p>16-000065 Add last date of delivery, after that the order is automatically cancelled</p>

Change	Associated WR
<p>Created EndCustomerRelatedDetails class containing DeliveryMethodCode and associated it to OrderLineItem class (WR 15-282)</p> <pre> class OrderLineItem - maintenance view class 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 +dispatchAdvice (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) </pre>	<p>15-000282 Add delivery method code</p>
<p>Created class OrderPackagingInstructions and added association in OrderLineItem (WR 16-078, 081, 082)</p> <pre> class OrderLineItem - maintenance view class 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 +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 +dispatchAdvice (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) </pre>	<p>16-000078 Add the item price for labelling</p> <p>16-000081 Add additional handling instructions</p> <p>16-000082 Add additional label text</p>

<div>Change</div>	<div>Associated WR</div>
<div>Added association to the TransactionalGenericReference (WR 16-031)</div> <div> <div>class OrderLineItem - maintenance view</div> <div> <div> <div>OrderLineItem</div> <div> + lineItemNumber :positiveInteger + requestedQuantity :Quantity + 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] + parentLineItemNumber :positiveInteger [0..1] + recommendedRetailPrice :Amount [0..1] + orderLineItemInstructionCode :OrderInstructionCode [0..1] + orderLineItemPriority :string [0..1] = (1..35) + freeGoodsQuantity :Quantity [0..1] + note :Description500 [0..1] «association» + avpList :Ecom_AttributeValuePairList [0..1] </div> </div> <div> <div>maintenance</div> <div> 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 AdministrativeUnit (WR 16-034) 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 (WR 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) </div> </div> </div> <div> <div>eCom Common Components::ShipmentReference:: TransactionalGenericReference</div> <div> <div>maintenance</div> <div>Change: (New) 3.3 new class (WR 16-30, 031, 069, 071, 079, 083)</div> </div> </div> <div> <div>0..*</div> </div> </div>	<div>16-000031</div> <div>Add reference number of an ultimate customer</div>
<div>Added association to TransactionalParty named preferredManufacturer (WR 16-072)</div> <div> <div>class OrderLineItem - maintenance view</div> <div> <div> <div>OrderLineItem</div> <div> + 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] </div> </div> <div> <div>maintenance</div> <div> 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 (WR 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) </div> </div> </div> <div> <div>preferredManufacturer</div> <div>0..1</div> </div> <div> <div>eCom Common Components::TransactionalParty</div> <div> <div>Ecom_PartyIdentification</div> <div> <div>maintenance</div> <div> Change: (New) 3.3 added association to avpList (WR 16-340) Change: (New) 3.3 Added generalization to EcomPartyIdentification, removed +gln and +additionalPartyIdentification (WR 15-314) </div> </div> </div> </div> </div>	<div>16-000072</div> <div>Add chosen manufacturer</div>

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

7.5 BMS Release 3.4

Change	Associated WR
<ul style="list-style-type: none"> Added an optional attribute: orderChangeReasonCode based on ErrorOrWarningCode list to the Order class created the StructuredNote class and associated it to the Order class Added isSignatureRequired to DeliveryTerms class inherited by the Order message (see eCom Common BMS) created ShipmentSplitMethodCode and added to OrderLogisticalInformation inherited by Order class (see eCom Common BMS) added additionalHandlingInstruction to ShipmentTransportationInformation class inherited by the Order class 	<p>16-000349 Add to Order class:</p> <ul style="list-style-type: none"> change reason order note <p>17-000311 Add:</p> <ul style="list-style-type: none"> Is Signature Required handling instruction
<ul style="list-style-type: none"> created ShipmentSplitMethodCode and added to OrderLogisticalInformation inherited by OrderLineItem class (see eCom Common BMS) Added itemSourceCode to OrderLineItem and created ItemSourceCode list added additionalHandlingInstruction to ShipmentTransportationInformation class inherited by the OrderLineItem class added association to the ReferencedOrder class created AcceptableOverAllocation class and associated it to OrderLineItem added association to Ecom_ReturnableAssetIdentification (GRAI) 	<p>16-000349 Add to OrderLineItem class:</p> <ul style="list-style-type: none"> shipment split methodcode inventory source return reason code

Change	Associated WR
<ul style="list-style-type: none"> added orderInstructionCode to OrderLineItem class, added Standard Case Required and Standard Case Not Required to OrderInstructionCode list added orderInstructionCode to OrderLineItem class, added Case Splitting Allowed and Case Splitting Not Allowed to OrderInstructionCode list added a new code in OrderInstructionCode list and added it to the OrderLineItem added a new code in OrderInstructionCode list and added it to the OrderLineItem Added returnReasonCode to OrderLineItem and created PhysicalOrLogicalStateDescriptionCode list created EuUniqueID class and associated it to the OrderLineItem 	<ul style="list-style-type: none"> handling instruction extension sub line identifier over allocation code GRAI is standard case required is case splitting allowed requires freshness processing is overshoot allowed shipment split methodcode
<div> <div> class OrderLineItem - maintenance view </div> <div> <pre> class OrderLineItem { + lineItemNumber :positiveInteger + requestedQuantity :Quantity + orderInstructionCode :LineItemInstructionCode [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] + parentLineItemNumber :positiveInteger [0..1] + recommendedRetailPrice :Amount [0..1] + orderLineItemInstructionCode :OrderInstructionCode [0..1] + orderLineItemPriority :string [0..1] = (1..35) + freeGoodsQuantity :Quantity [0..1] + note :Description500 [0..1] + extension :extension [0..1] + itemSourceCode :ItemSourceCode [0..1] + orderInstructionCode :OrderInstructionCode [0..1] + returnReasonCode :PhysicalOrLogicalStateDescriptionCode [0..1] + association + avList :Ecom_AttributeValuePairList [0..1] } Change: (Complete) 3.1 added monetaryAmountExcludingTaxes (WR 12-213) Change: (Complete) 3.1 added monetaryAmountIncludingTaxes (WR 12-213) Change: (Complete) 3.2 added +avList (WR 14-110) Change: (Complete) 3.2 added +itemPriceBaseQuantity (WR 13-155) Change: (Complete) 3.2 added +parentLineItemNumber (WR 14-021 & 14-044) Change: (Complete) 3.3 added +additionalOrderLineInstruction and made repeatable (WR 16-066, 076) Change: (Complete) 3.3 added +freeGoodsQuantity (WR 16-054) Change: (Complete) 3.3 added +listPrice (WR 16-077) Change: (Complete) 3.3 added +orderLineItemInstructionCode (WR 15-282) Change: (Complete) 3.3 added +orderLineItemPriority (WR 15-282) Change: (Complete) 3.3 added +recommendedRetailPrice (WR 16-055) Change: (Complete) 3.3 added association to AdministrativeUnit (WR 16-034) Change: (Complete) 3.3 added association to Contact named +orderLineItemContact (WR 16-060, 061, 062, 073) Change: (Complete) 3.3 added association to DateOptionalTime named +deliveryDateAccordingToSchedule (WR 16-064) Change: (Complete) 3.3 added association to DateOptionalTime named +latestDeliveryDate (WR 16-065) Change: (Complete) 3.3 added association to Ecom_DocumentReference named +contract (WR 16-035) Change: (Complete) 3.3 added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068) Change: (Complete) 3.3 added association to Ecom_DocumentReference named +despatchAdvice (WR 16-080) Change: (Complete) 3.3 added association to EndCustomerRelatedDetails (WR 15-031) Change: (Complete) 3.3 added association to OrderPackagingInstructions (WR 16-078, 081, 082) Change: (Complete) 3.3 added association to the TransactionalGeneralReference (WR 16-072) Change: (Complete) 3.3 added association to TransactionParty named +preferredManufacturer (WR 16-072) Change: (Complete) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314) Change: (Complete) 3.3 changed multiplicity of +additionalOrderLineInstruction from 0..1 to 0..* (WR 16-067, 076) Change: (New) 3.4 added extension (WR 17-311 - 318) Change: (New) 3.4 added +itemSourceCode (WR 16-349) Change: (New) 3.4 added +orderInstructionCode (WR 17-311 - 318) Change: (New) 3.4 added +returnReasonCode (WR 16-349) Change: (New) 3.4 added association to Ecom_ReturnableAssetIdentification named returnableAssetIdentification (WR 17-311 - 318) Change: (New) 3.4 added association to AcceptableOverAllocation (WR 17-311 - 318) Change: (New) 3.4 added association to EuUniqueID (WR 18-279) Change: (New) 3.4 added association to referencedOrder (WR 17-311 - 318) </pre> </div> </div> <div> <div> eCom Common Components: AcceptableOverAllocation </div> <div> eCom GS1 Identification: Ecom_ReturnableAssetIdentification </div> <div> eCom Common Components: EuUniqueID </div> </div>	<div> <div> 18-000279 </div> <div> Add: </div> <ul style="list-style-type: none"> Unique Identifier Type serialised Unique Identifiers aggregated Unique Identifiers </div>
<div> <div> class OrderLineItem - maintenance view </div> <div> <pre> class OrderLineItem { + lineItemNumber :positiveInteger + requestedQuantity :Quantity + orderInstructionCode :LineItemInstructionCode [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] + parentLineItemNumber :positiveInteger [0..1] + recommendedRetailPrice :Amount [0..1] + orderLineItemInstructionCode :OrderInstructionCode [0..1] + orderLineItemPriority :string [0..1] = (1..35) + freeGoodsQuantity :Quantity [0..1] + note :Description500 [0..1] + extension :extension [0..1] + itemSourceCode :ItemSourceCode [0..1] + orderInstructionCode :OrderInstructionCode [0..1] + returnReasonCode :PhysicalOrLogicalStateDescriptionCode [0..1] + association + avList :Ecom_AttributeValuePairList [0..1] } Change: (Complete) 3.1 added monetaryAmountExcludingTaxes (WR 12-213) Change: (Complete) 3.1 added monetaryAmountIncludingTaxes (WR 12-213) Change: (Complete) 3.2 added +avList (WR 14-110) Change: (Complete) 3.2 added +itemPriceBaseQuantity (WR 13-155) Change: (Complete) 3.2 added +parentLineItemNumber (WR 14-021 & 14-044) Change: (Complete) 3.3 added +additionalOrderLineInstruction and made repeatable (WR 16-066, 076) Change: (Complete) 3.3 added +freeGoodsQuantity (WR 16-054) Change: (Complete) 3.3 added +listPrice (WR 16-077) Change: (Complete) 3.3 added +orderLineItemInstructionCode (WR 15-282) Change: (Complete) 3.3 added +orderLineItemPriority (WR 15-282) Change: (Complete) 3.3 added +recommendedRetailPrice (WR 16-055) Change: (Complete) 3.3 added association to AdministrativeUnit (WR 16-034) Change: (Complete) 3.3 added association to Contact named +orderLineItemContact (WR 16-060, 061, 062, 073) Change: (Complete) 3.3 added association to DateOptionalTime named +deliveryDateAccordingToSchedule (WR 16-064) Change: (Complete) 3.3 added association to DateOptionalTime named +latestDeliveryDate (WR 16-065) Change: (Complete) 3.3 added association to Ecom_DocumentReference named +contract (WR 16-035) Change: (Complete) 3.3 added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068) Change: (Complete) 3.3 added association to Ecom_DocumentReference named +despatchAdvice (WR 16-080) Change: (Complete) 3.3 added association to EndCustomerRelatedDetails (WR 15-031) Change: (Complete) 3.3 added association to OrderPackagingInstructions (WR 16-078, 081, 082) Change: (Complete) 3.3 added association to the TransactionalGeneralReference (WR 16-072) Change: (Complete) 3.3 added association to TransactionParty named +preferredManufacturer (WR 16-072) Change: (Complete) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314) Change: (Complete) 3.3 changed multiplicity of +additionalOrderLineInstruction from 0..1 to 0..* (WR 16-067, 076) Change: (New) 3.4 added extension (WR 17-311 - 318) Change: (New) 3.4 added +itemSourceCode (WR 16-349) Change: (New) 3.4 added +orderInstructionCode (WR 17-311 - 318) Change: (New) 3.4 added +returnReasonCode (WR 16-349) Change: (New) 3.4 added association to Ecom_ReturnableAssetIdentification named returnableAssetIdentification (WR 17-311 - 318) Change: (New) 3.4 added association to AcceptableOverAllocation (WR 17-311 - 318) Change: (New) 3.4 added association to EuUniqueID (WR 18-279) Change: (New) 3.4 added association to referencedOrder (WR 17-311 - 318) </pre> </div> </div> <div> <div> eCom Common Components: TransactionalGeneralReference </div> </div>	

7.6 BMS Release 3.5

Change	Associated WR
<p>Added optional association between Order class and Ecom_document reference</p>	<p>20-263</p>
<p>Added optional association between Order class and eCom Common Components:TransactionalParty</p>	<p>20-264</p>
<p>Added optional association between Order and eCom Common Components::TransactionalParty</p>	<p>20-266</p>

7.7 BMS Release 3.5.1

WR 22-130 orderIntstructionCode attrubite deleted as it was a duplicate.

7.8 BMS Release 3.6

No work requests. Indirect changes due to upgrade to new Shared and eCom Common libraries.

7.9 BMS Release 3.7

7.10

Change	Associated WR
<ul style="list-style-type: none"> Re-used existing class listPriceDiscounted to line item The attribute is optional and an 'amount' data type 	23-000316

8 Appendices

Not Applicable

9 Acknowledgements

9.1 Work Group

First Name	Last name	Company	Interest Category
Nuno	Azevedo	GS1 Portugal	GS1 MO
Mahdi	Barati	GS1 Iran	GS1 MO
Henri	Barthel	GS1 Global Office	Staff
Salima	Bekraoui	GS1 Italy	GS1 MO
Jonathan	Bemrose	R&R Ice Cream	Manufacturer

First Name	Last name	Company	Interest Category
Jane	Benjamin	Dairy Crest Ltd	Manufacturer
Martin	Beno	GS1 Slovakia	GS1 MO
Dana	Benson	GS1 US	GS1 MO
Shreenidhi	Bhardwaj	Syndigo	GS1 Certified Data Pool
Rebone	Boikanyo	GS1 South Africa	GS1 MO
Miklos	Bolyky	GS1 Global Office	Staff
Ardetha	Bradley	Georgia Pacific	Manufacturer
Ed	Brindley	Glory Global Solutions, Inc.	Manufacturer
Scott	Brown	1WorldSync, Inc.	GS1 Certified Data Pool
David	Buckley	GS1 Global Office	Staff
Karl	Cegner	GS1 Austria	GS1 MO
Winnie	Chan	GS1 Hong Kong, China	GS1 MO
Anthony	Chan	GS1 Hong Kong, China	GS1 MO
Richard	Chresta	GS1 Switzerland	GS1 MO
Pavla	Cihlarova	GS1 Czech Republic	GS1 MO
Aleksandra	Ciric	GS1 Serbia	GS1 MO
Douglas	Clark	JDA Software Group	Solution Provider
Erik	Clercq	Coca-Cola Enterprises	Manufacturer
Linda	Conniff	Best Buy Co., Inc.	Retailer
Benjamin	Couty	GS1 France	GS1 MO
Marc	Cox	Philips International B.V.	Manufacturer
Bence	Csordás	GS1 Hungary	GS1 MO
David	Darnell	Systrends	Solution Provider
Diana	De Bernardy	GS1 France	GS1 MO
Tomasz	Dębicki	P1 Tomasz Debicki	Solution Provider
Sean	Dennison	GS1 Ireland	GS1 MO
Aihedan	Dilimulati	GS1 France	GS1 MO
Valérie	Dumez	GS1 France	GS1 MO
Karina	Duvinger	GS1 Sweden	GS1 MO
Judit	Egri	GS1 Hungary	GS1 MO
Hussam	El-leithy	GS1 US	GS1 MO
Ben	Ensink	GS1 Netherlands	GS1 MO
Juliet andrea	Espinosa martinez	GS1 Colombia	GS1 MO
Ahmed	Faraf	GS1 Denmark	GS1 MO
Ilona	Ferenczffy	dm-drogerie markt GmbH + Co. KG	Retailer
Klaus	Foerderer	GS1 Germany	GS1 MO
Wim	Fransen	EskoArtwork	Solution Provider
Stefan	Gathmann	GS1 Ireland	GS1 MO
Phil	Hand	JDA Software Group	Solution Provider
Eileen	Harpell	GS1 Global Office	Staff

First Name	Last name	Company	Interest Category
Jenny	Hertzfeldt	GEFEG mbH	Solution Provider
Iris	Ho	GS1 Hong Kong, China	GS1 MO
Peter	Hoberg	Consafe Logistics AB	Solution Provider
Marc	Inderbitzin	Migros-Genossenschafts-Bund	Retailer
Fiona	Jia	GS1 China	GS1 MO
Peter	Jönsson	GS1 Sweden	GS1 MO
Nora	Kaci	GS1 Global Office	Staff
Steven	Keddie	GS1 Global Office	Staff
Anne-claire	Krid	GS1 France	GS1 MO
Alexey	Krotkov	GS1 Russia	GS1 MO
Ekaterina	Kurasheva	GS1 Russia	GS1 MO
Stephen	Lam	GS1 Hong Kong, China	GS1 MO
Ken	Law	GS1 Hong Kong, China	GS1 MO
Kc	Leung	GS1 Hong Kong, China	GS1 MO
Piergiorgio	Licciardello	GS1 Global Office	Staff
Sean	Lockhead	Lockhead Consulting Group LLC	Solution Provider
Marisa	Lu	GS1 Chinese Taipei	GS1 MO
Hans	Lunenburg	GS1 Netherlands	GS1 MO
Julie	Mcgill	FoodLogiQ	Solution Provider
Riad	Mechtari	GS1 Algeria	GS1 MO
Michael	Moise	Nestlé	Manufacturer
Adrien	Molines	GS1 France	GS1 MO
Alexandra	Montagnon	a-sis	Solution Provider
Marco	Mueller-hess	Bison Schweiz AG	Solution Provider
Sophie	Nachman-ghnassia	France Telecom Orange	Solution Provider
Maju	Nair	GS1 New Zealand	GS1 MO
Giada	Necci	GS1 Italy	GS1 MO
James	Olsen	Kwikee, A Syndigo Company	Solution Provider
Staffan	Olsson	GS1 Sweden	GS1 MO
Luis	Paniagua	GS1 Costa Rica	GS1 MO
John	Papadopoulos	GS1 UK	GS1 MO
Patrick	Ponsaerts	GS1 Belgium & Luxembourg	GS1 MO
Christian	Przybilla	GS1 Germany	GS1 MO
Xavier	Pujol xargay	GS1 Spain	GS1 MO
Edna melissa	Reina calderon	Logyca	Solution Provider
Mirko	Repetto	GS1 Italy	GS1 MO
Maxim	Ristow	GS1 Germany	GS1 MO
Pere	Rosell plajats	GS1 Spain	GS1 MO
John	Ryu	GS1 Global Office	Staff
Branko	Safaric	GS1 Slovenia	GS1 MO

First Name	Last name	Company	Interest Category
Sunny	Sanam	GS1 Australia	GS1 MO
Sue	Schmid	GS1 Australia	GS1 MO
Tom eric	Schmidt	August Storck KG	Manufacturer
Marc	Schneider	GS1 Switzerland	GS1 MO
Marco	Schwarzenbach	GS1 Switzerland	GS1 MO
Eugen	Sehorz	GS1 Austria	GS1 MO
Ahmed	Sharif	GS1 US	GS1 MO
Vishal	Sharma	General Mills, Inc.	Manufacturer
Ayako	Shimazaki	GS1 Japan	GS1 MO
Cesar	Silvestre	GS1 Mexico	GS1 MO
Palma	Simbari	Bayer AG - Division Pharma	Manufacturer
Emilie	Sion	GS1 France	GS1 MO
Andy	Siow	GS1 Singapore	GS1 MO
Andy	Siow	GS1 Singapore	GS1 MO
Ralph	Siruet	GS1 Germany	GS1 MO
Olga	Soboleva	GS1 Russia	GS1 MO
Grzegorz	Sokolowski	Institute of Logistics and Warehousing	Association
Hana	Strahlová	GS1 Czech Republic	GS1 MO
Roman	Strand	GS1 Germany	GS1 MO
Rita	Sun	GS1 China	GS1 MO
John	Szabo	GS1 Australia	GS1 MO
Katherine	Tabares VÁisquez	GS1 Colombia	GS1 MO
Elena	Tomanovich	GS1 Global Office	Staff
Alec	Tubridy	GS1 Ireland	GS1 MO
Betty	Tyson	Knouse Foods Cooperative, Inc	Manufacturer
Pim	Van der Eijk	Sonnenglanz Consulting BV	Solution Provider
Mark	Van eeghem	GS1 Global Office	Staff
Judit	Vicsai	GS1 Hungary	GS1 MO
Jaco	Voorspuij	GS1 Global Office	Staff
Jan	Westerkamp	GS1 Netherlands	GS1 MO
Tasha	Wiehe	GS1 Global Office	Staff
Stephan	Wijnker	GS1 Australia	GS1 MO
Dirk	Willekens	GS1 Belgium & Luxembourg	GS1 MO
Ellis	Wong	Intagora	Solution Provider
Grace	Yang	GS1 Global Office	Staff
Chi	Yao	GS1 China	GS1 MO
Shi	Yu	Beijing REN JU ZHI HUI Technology Co. Ltd.	Solution Provider
Sergio	ZÚñiga	GS1 Mexico	GS1 MO

9.2 Development Team Members

Function	Name	Organisation
GSMP Process Lead	David Buckley	GS1 Global Office
Technical Development Lead	Miklos Bolyky	GS1 Global Office
Peer Review	Mark Van Eeghem	GS1 Global Office