



Order

Business Message Standard (BMS)

Release 3.2

01-Dec-2014, Issue 1



Document Summary

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13-Nov-2003	Foot Locker	03-000167
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20-Mar-2014	GS1 Slovenia	14-000044
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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
01-Dec-2014	BMS 3.2 – Issue 1	Ewa Iwicka	BMS Release 3.2	See summary of changes

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Table of Contents

1. Business Domain View	5
1.1. Introduction.....	5
1.2. References	5
2. Business Context	5
3. Business Transaction View	6
3.1. Business Transaction - Ordering of Trade Items	6
4. Business Information View	8
4.1. Order	8
4.2. Order Line Item	12
4.3. Order Line Item Detail	15
4.4. Code Lists	17
5. Business Message Examples	17
5.1. Example 1	17
5.2. Example 2	19
6. Implementation Considerations	22
6.1. User Guide	22
6.2. Guidance on amounts in Order Line Item	22
7. Summary of Changes.....	23
7.1. BMS Release 3.0	23
7.2. BMS Release 3.1	24
7.3. BMS Release 3.2	25
8. Appendices	26
9. Acknowledgements	26
9.1.1. Work Group	26
9.1.2. Development Team Members	28

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 3.2.0
eCom Common Library	BMS Version 3.2.0

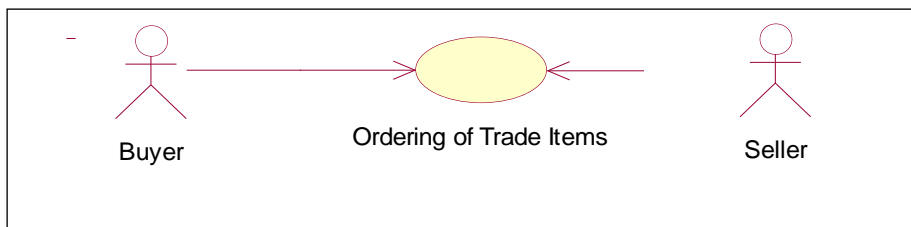
2. Business Context

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

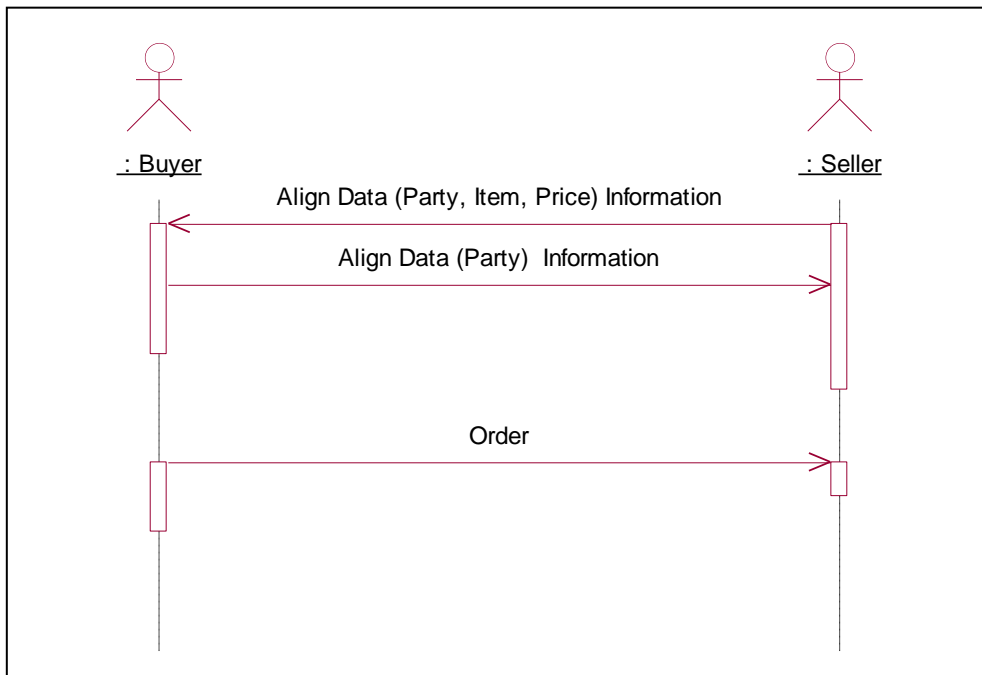


Use Case Description

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	
Related Requirements	Not Applicable
Related Rules	Not Applicable

Activity Diagram(s)

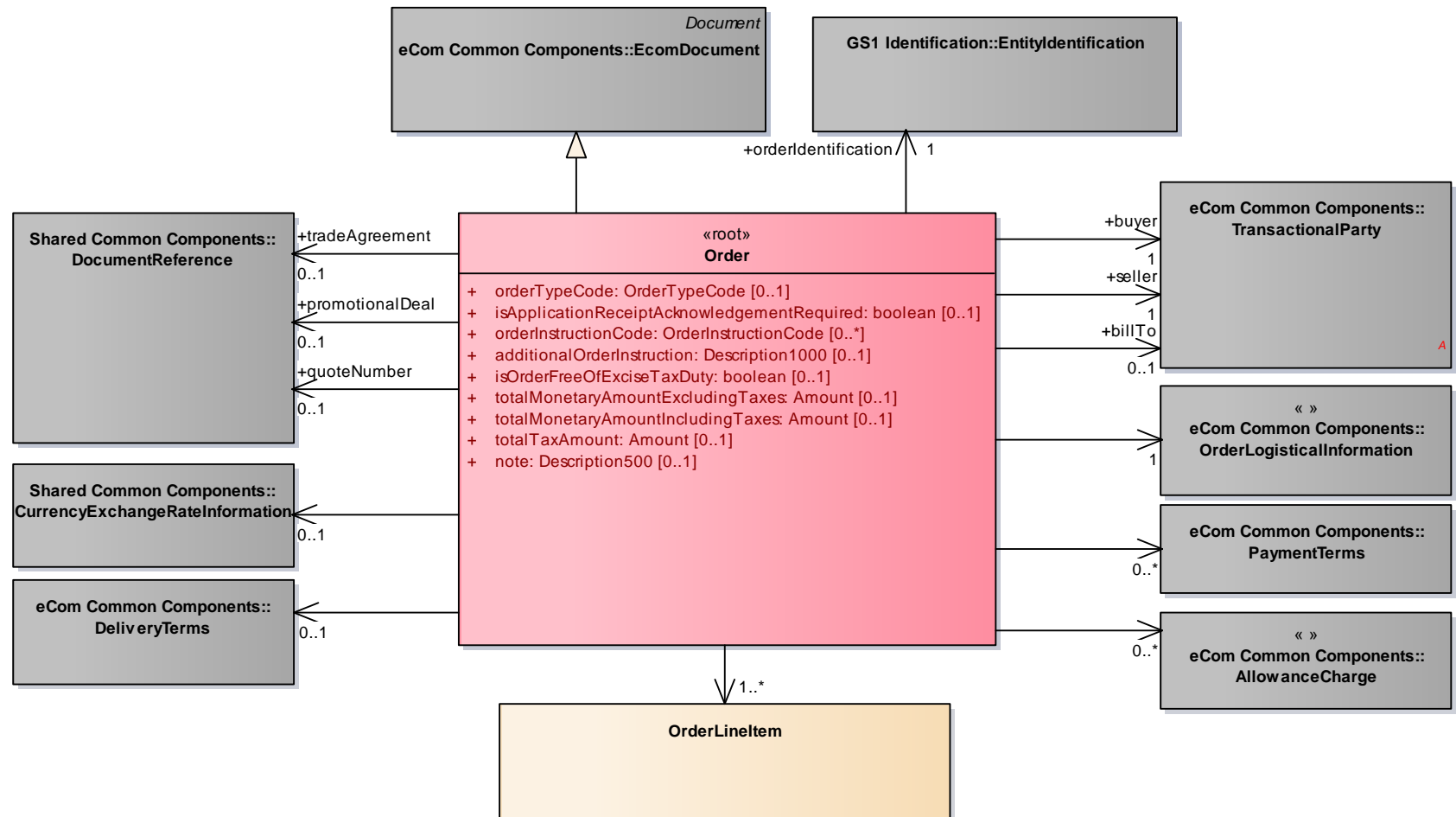
Not Applicable

Business Transaction Sequence Diagram(s) (optional)

4. Business Information View

4.1. Order

Class Diagram



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_2/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		OrderLineItem	1..*	Specify the information related to each line item. An Order will contain one or more line items.	
Association	tradeAgreement	DocumentReference	0..1	Specifies the trade agreement that the order is referring to.	
Association		DeliveryTerms	0..1	The applicable legal, customs, financial and insurance terms for the order.	
Association	orderIdentification	EntityIdentification	1..1	The unique identification of the Order.	
Association		AllowanceCharge	0..*	Contains the information related with the allowance charge in the Order.	
Association	billTo	TransactionalParty	0..1	Identifies the party which receives the invoice.	
Generalization		EcomDocument		Basic information about the content of the message including version number, creation date and time.	WR 14-000110
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.	

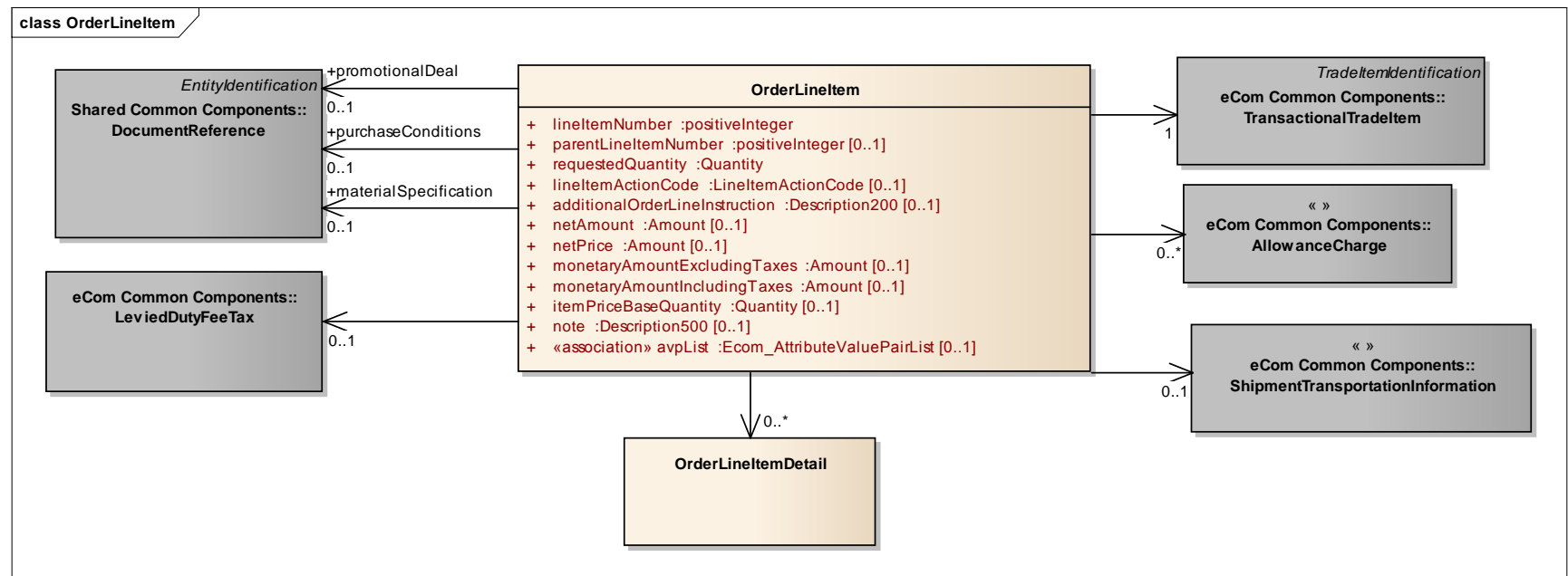
Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
Association	quoteNumber	DocumentReference	0..1	Quote Number is defined as the reference number assigned by the seller to a quote. This price quote number applies to the entire order and not at the individual line 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.	
Association	buyer	TransactionalParty	1..1	Identifies the party to which products or services are sold.	
Association		PaymentTerms	0..*	Contains the information related with the parties involved in the order process.	
Association		OrderLogisticalInformation	1..1	Contains the information related with the dates and destinations of the goods or services.	
Association	seller	TransactionalParty	1..1	Identifies the party which sells products or services to a buyer.	
Association	promotionalDeal	DocumentReference	0..1	Number assigned by a vendor to a special promotion activity.	
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	orderInstructionCode	OrderInstructionCode	0..*	Code specifying special order conditions.	

Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
Attribute	additionalOrderInstruction	Description1000	0..1	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.	
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	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.	

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

4.2. Order Line Item

Class Diagram



GDD Report

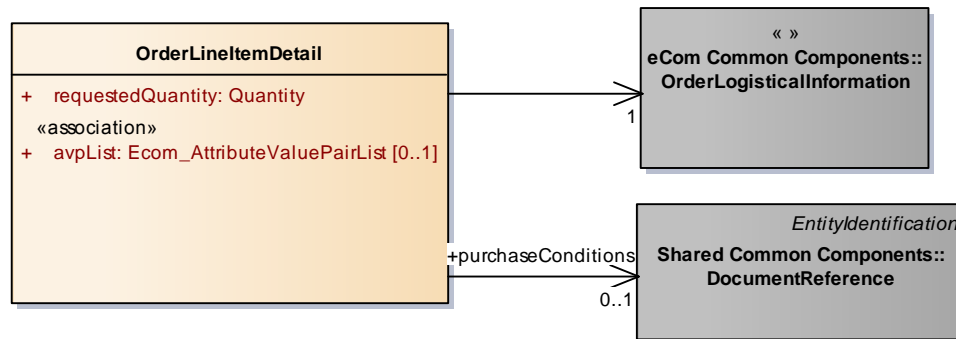
The content of the OrderLineItem class, its structure and component definitions can be accessed in the Global Data Dictionary:
http://apps.gs1.org/GDD/bms/Version3_2/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:OrderLineItem

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		LeviedDutyFeeTax	0..1	The tax applicable to the Order Line Item.	
Association	promotionalDeal	DocumentReference	0..1	A reference to a trade agreement related to a promotional deal. The reference is associated with specific items in the order.	
Association	materialSpecification	DocumentReference	0..1	A reference to a material specification. The reference is associated with specific items in the order.	
Association		AllowanceCharge	0..*	Contains the information related with the allowance charge in the detail order level.	
Association		OrderLineItemDetail	0..*	Allows the identification of various shipping details by line item.	
Association		ShipmentTransportationInformation	0..1	Contains the identification of the carrier and mode associated with the transportation of the goods or services.	
Association	purchaseConditions	DocumentReference	0..1	A reference to the purchase conditions. The reference is associated with specific items in the order.	
Association		TransactionalTradeItem	1..1	The trade item associated to the Order Line Item.	
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	lineItemActionCode	LineItemActionCode	0..1	Provides the activity required by the recipient on the line item of this order.	
Attribute	additionalOrderLineInstruction	Description200	0..1	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.	
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	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	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

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_2/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	DocumentReference	0..1	A reference to the purchase conditions. The reference is associated with specific items in the order.	
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 3.2.0 and eCom Domain Common Library Business Message (BMS) Release 3.2.0 for all common information.

4.4. Code Lists



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

Class	Codelist	Referenced in
Order	OrderTypeCode	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:OrderTypeCode
	OrderInstructionCode	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:OrderInstructionCode
OrderLineItem	LineItemActionCode	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:LineItemActionCode

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

Attribute	Value
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
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
Party Identification (+contentOwner)	
gln	5412345000013
OrderPartyInformation	
TransactionalParty (+seller)	
gln	4098765000010
TransactionalParty (+buyer)	

Attribute	Value
gln	5412345000013
TransactionalParty (+billTo)	
gln	5412345000013
PaymentTerms	
paymentTermsEventCode	AFTER_DATE_OF_DELIVERY
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)	

Attribute	Value
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
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/3/3.2/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:

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

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	BSD Version	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 GDD report, added missing definition for orderTypeCode Summary of Changes wiped clean except for the version for release 3.0 	Issue 0.12	10-000019 09-000259 09-000240 09-000238 09-000236 09-000195 09-000102
After TSD Development: Changed in test data section proximoCutOffDate to proximoCutOffDayto be in sync with UML model. Changed the value to 31.	Issue 1.0.0	
BMS Public Review: Added a code in paragraph 5.5.	Issue 1.0.0	
BMS Final Quality Check before Publication: Removed year reference in footer copyright statement Changed lowerCamelCase for all GS1 keys into lowercase	Issue 1.0.0	

Change	BSD Version	Associated CR Number
Replaced architectural principles section with updated version.		

7.2. BMS Release 3.1

Change	Document Version	Associated CR Number
<p>class Order - maintenance view</p> <div> <p>«root» Order</p> <ul style="list-style-type: none"> + 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] <p>maintenance</p> <p>Change: (New) 3.1 added association to Delivery Terms (WR 12-154)</p> <p>Change: (New) 3.1 added totalMonetaryAmountIncludingTaxes (WR 12-212)</p> </div> <p>class OrderLineItem - maintenance view</p> <div> <p>OrderLineItem</p> <ul style="list-style-type: none"> + 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] <p>maintenance</p> <p>Change: (Verified) 3.1 added monetaryAmountExcludingTaxes (WR 12-213)</p> <p>Change: (Verified) 3.1 added monetaryAmountIncludingTaxes (WR 12-213)</p> </div> <p>■ Added revisionNumber to example.</p> <p>Added paragraph 6.1 Guidance on amounts in Order Line Item</p>	Issue 1	WR 12-154 WR 12-212 WR 12-213

7.3. BMS Release 3.2

Change	Associated WR
<p>Added Attribute Value Pair at the root, line item and sub line item levels</p> <div data-bbox="289 373 1305 852"> <p>class Order - maintenance view</p> <div data-bbox="326 426 1268 814"> <p>«root» Order</p> <ul style="list-style-type: none"> + 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] <p><i>maintenance</i></p> <p>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)</p> </div> </div>	14-000110
<ul style="list-style-type: none"> ■ Added itemPriceBaseQuantity (WR 13-155) ■ Added a reference to parent line number to all Lineltem 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) <div data-bbox="289 1077 1125 1755"> <p>class OrderLineltem - maintenance view</p> <div data-bbox="334 1140 1081 1707"> <p>OrderLineltem</p> <ul style="list-style-type: none"> + lineltemNumber :positiveInteger + parentLineltemNumber :positiveInteger [0..1] + requestedQuantity :Quantity + lineltemActionCode :LineltemActionCode [0..1] + additionalOrderLinelInstruction :Description200 [0..1] + netAmount :Amount [0..1] + netPrice :Amount [0..1] + monetaryAmountExcludingTaxes :Amount [0..1] + monetaryAmountIncludingTaxes :Amount [0..1] + itemPriceBaseQuantity :Quantity [0..1] + note :Description500 [0..1] + «association» avpList :Ecom_AttributeValuePairList [0..1] <p><i>maintenance</i></p> <p>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 +parentLineltemNumber (WR 14-021 & 14-044)</p> </div> </div>	13-000155 14-000021 14-000044 14-000110

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

8. Appendices

Not Applicable

9. Acknowledgements

The following is a list of individuals (and their companies) who participated in the creation, review and approval of this BMS.

9.1.1. Work Group

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Member	Cox, Marc	Philips Electronics N.V.
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9.1.2. Development Team Members

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