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03-Apr-2006	Accenture	06-000084
15-Dec-2004	Upstream, GS1	04-000229
27-Nov-2013	DHL	13-000192
29-Nov-2013	GS1 Spain	13-000194
07-Feb-2014	GS1 Germany	14-000021
20-Mar-2014	GS1 Slovenia	14-000044
25-Jun-2014	GS1 Global Office	14-000110
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18-Jan-2016	GS1 Germany	16-000025
18-Jan-2016	GS1 Germany	16-000026
18-Jan-2016	GS1 Germany	16-000027
18-Jan-2016	GS1 Germany	16-000028
18-Jan-2016	GS1 Germany	16-000030
18-Jan-2016	GS1 Germany	16-000031
18-Jan-2016	GS1 Germany	16-000033
18-Jan-2016	GS1 Germany	16-000036
18-Jan-2016	GS1 Germany	16-000038
18-Jan-2016	GS1 Germany	16-000041
18-Jan-2016	GS1 Germany	16-000051
18-Jan-2016	GS1 Germany	16-000053
18-Jan-2016	GS1 Germany	16-000054
18-Jan-2016	GS1 Germany	16-000056
18-Jan-2016	GS1 Germany	16-000057
18-Jan-2016	GS1 Germany	16-000058
18-Jan-2016	GS1 Germany	16-000060
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Business Requirements Document (BRAD) Reference

BRAD Title	BRAD Issue Date	BRAD Version
BRAD Invoice Credit Note	24- May- 2007	Version 0.0.5
Invoice Enhancements	09 –Jan- 2007	Version 0.0.1
Upstream Standards Financial Settlement	13 -Jun -2006	Version 0.1.1
BRD Simple Invoice Extension	24- Sep- 2004	Version 1.3.1
BRAD eCom Maintenance Release 2 BMS 2.6.0	29-Jun-2009	Version 0.1.1
BRAD for Current Requirements Queue MR3.0	23-Nov-2010	Issue 0.2.0
Invoice – European Union Value Added Tax (VAT) Extension	19 May 2005	Version 0.0.4

Document Change History

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12-Jan-2012	BMS 3.0 - Issue 1	Mark Van Eeghem	BMS Release 3.0	See summary of changes
01-May-2013	BMS 3.1 - Issue 1	Coen Janssen	BMS Release 3.1	See summary of changes
15-Sep-2014	BMS 3.2 - Issue 1	Ewa Iwicka	BMS Release 3.2	See summary of changes
01-Mar-2017	BMS 3.3 - Issue 1	Ewa Iwicka	BMS Release 3.3	See summary of changes
15-Oct-2018	BMS 3.4 - Issue 1	Ewa Iwicka	BMS Release 3.4	See summary of changes
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05-Jan-2022	BMS 3.5.1 – Issue 1	Miklos Bolyky	BMS Release 3.5.1	See summary of changes
01-Mar-2023	BMS 3.6 - Issue 1	Miklos Bolyky	BMS Release 3.6	See summary of changes

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1 Business Domain View

1.1 Introduction

Message Definition

The Invoice message is sent by the supplier to the customer claiming payment for goods or services supplied under conditions agreed by the seller and the buyer.

Principles

The seller may invoice for one or more transactions referring to goods and services related to one or more order, delivery instruction, call off, etc. The invoice may contain references to payment terms, transport details and additional information for customs or statistical purposes in the case of cross-border transaction.

The same message with correct data qualification also covers the functions of proforma invoice, debit and credit note. Furthermore, the Invoice message may be applied in a self-billing scenario, where the buyer will send the invoice.

1.2 References

Reference Number	Reference Name	Description
[Ref1]	BRAD Upstream Standards	Financial Settlement Version 0.1.0Version Financial requirements for the Upstream IRT
[Ref2]	BRD Request for Payment	
[Ref3]	BRD Simple Invoice Extensions	
[Ref4]	BRAD Invoice Enhancements	Version 0.0.1
[Ref5]	BRAD Invoice Credit Note	BRAD Version 0.0.5
[Ref6]	BMS Shared Common Library	BMS Release 3.6
[Ref7]	BMS eCom Domain Common Library	BMS Release 3.6
[Ref8]	BMS Pay EU Invoice extension	BMS Release 2.6.0

2 Business Context

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

3 Business Transaction View

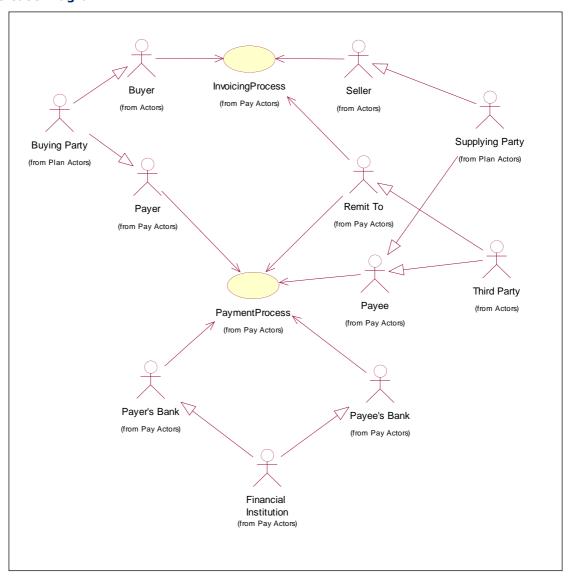
3.1 Business Process

The diagram below illustrates the parties and the roles they (can) play in the invoicing and payment processes.



- Amongst others, the invoice transaction sets the preconditions for the payment process. Therefore the invoice also contains information about the parties that will become active during the payment process, i.e. the payer and the payee.
- Furthermore there might be a third party involved, such as a factor.

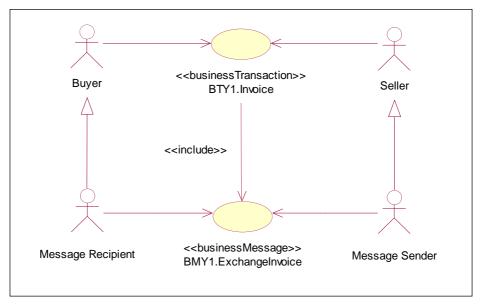
Use Case Diagram





3.2 Business Transaction – Invoice

Use Case Diagram



Use Case Description

	e case bescription				
Use Case ID	BMY-1	BMY-1			
Use Case Name	Exchange	Invoice			
Use Case Description	delivered	The invoice message enables the seller to send an invoice to the buyer related to delivered goods (in case of non-consignment scenario) or to used (consumed) goods (in case of a consignment scenario)			
Actors (Goal)	Seller: To	Buyer: To receive the invoice Seller: To send the invoice Remit-to: To receive the invoice			
Performance Goals	None				
Preconditions	None				
Post conditions	None				
Scenario	Begins when The seller generates an invoice based on the goods deliveries or consumption reports (in case of consignment). Continues with				
	Step Actor Activity Step #				
	1 Seller Issues and sends the invoice to the buyer.				
	Ends when The buyer receives the invoice.				



Alternative Scenario	Begins when				
	The seller generates an invoice based on the goods delivered or consumption reports (in case of consignment) and the payment is to be made to a remit-to				
	Step Actor Activity Step #				
	1	Seller	Issues and sends the invoice to the buyer and to the remit-to		
	l				
	Ends wh	en: r and remit-to recei	ves the invoice		
Related Requirements		d Requirements	ves the invoice		
Related Rules	No Relate	· · · · · · · · · · · · · · · · · · ·			
Use Case ID	ICN -1	<u> </u>			
Use Case Name	Issue Cre	dit Note			
Use Case Description	The credit note enables the seller to provide credit information to the relevant party.				
Actors (Goal)	Buyer: To receive the credit note Seller: To send the credit note				
Performance Goals	None				
Preconditions	The buyer receives an invoice which they are in dispute of.				
Post conditions	None				
Scenario	Begins when In case of invoice disputes, the buyer requests the invoice to be corrected (manual process).				
	Continue	s with			
	Step Actor Activity Step #				
	1 Seller The seller issues and sends a credit note with the agreed corrections.				
	2	Buyer	The buyer receives the credit note.		
	Ends when The buyer receives the credit note.				
Alternative Scenario	None				
Related Requirements	Not Applicable				
Related Rules	In case of this transaction the invoice type CREDIT_NOTE must be used.				

Business Transaction Activity Diagram(s)

Not applicable

Business Transaction Sequence Diagram(s)

Not applicable

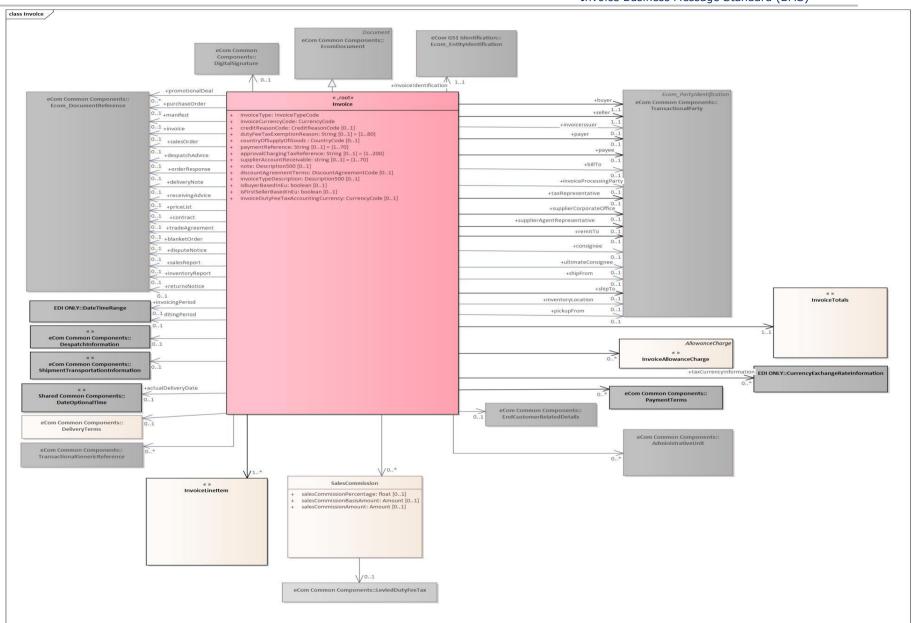


4 Business Information View

4.1 Invoice

Class diagram







GDD report

The content of the Invoice class, its structure and component definitions can be accessed in the Global Data Dictionary: http://apps.gs1.org/GDD/bms/Version3_4/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:Invoice

Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
Invoice				The Invoice message is sent by the supplier to the customer claiming payment for goods or services supplied under conditions agreed by the seller and the buyer. This same message with correct data qualification also covers the functions of proforma invoice, debit and credit note. The seller may invoice for one or more transactions referring to goods and services related to one or more order, delivery instruction, call off, etc. The invoice may contain references to payment terms, transport details and additional information for customs or statistical purposes in the case of cross-border transaction.	
Association		DeliveryTerms	01	The applicable legal, customs, financial and insurance terms for the invoice.	WR 15-000026
Association	receivingAdvice	Ecom_DocumentReference	01	Reference to the commercial document related to the goods receipt, used to report the physical receipt of goods.	WR 15-000314
Association	purchaseOrder	Ecom_DocumentReference	01	Reference to the purchase order which is a commercial document issued by a buyer to a seller, indicating the item quantities for products or services that the seller will provide to the buyer.	WR 15-000314
Association	blanketOrder	Ecom_DocumentReference	01	Reference to the blanket order, which is a document created for general order purposes with later split into quantities and delivery dates and maybe delivery locations.	WR 15-000314 WR 16-000024
Association	shipFrom	TransactionalParty	01	Identification of the location from where goods will be or have been shipped.	
Association	inventoryReport	Ecom_DocumentReference	01	A reference to inventory report document.	WR 15-000314
Association	deliveryNote	Ecom_DocumentReference	01	Reference to the delivery note which is usually a paper document issued by the delivering party which accompanies delivery of goods specifying the item and quantity of goods. This is usually signed by the receiving party and retained by the delivering party as proof of delivery for reconciliation.	WR 15-000314
Association	disputeNotice	Ecom_DocumentReference	01	Reference to the notice of commercial dispute.	WR 15-000314 WR 16-000027



Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
Association		TransactionalGenericRereren ce	0*	A number providing reference in the Invoice document defined in the ReferenceNumberTypeCode list.	WR 16-000030 WR 16-000031
Association	invoicingPeriod	DateTimeRange	01	Period for which an invoice is issued.	WR 20-359
Association	creditingPeriod	DateTimeRange	01	The period of time for which invoices are credited.	
Association	priceList	Ecom_DocumentReference	01	Reference Number assigned to a price list.	WR 15-000314
Association	orderResponse	Ecom_DocumentReference	01	Reference to the order response which is a commercial document issued by a seller to inform the buyer regarding the response to the order.	WR 15-000314
Association		EndCustomerRelatedDetails	01	Allows to specify the final customer that may be different from Ultimate Consignee and their preferred delivery method.	WR 16-000038
Association		AdministrativeUnit	0*	An organizational grouping used for internal planning, control and accounting purposes.	WR 16-000034
Association	actualDeliveryDate	DateOptionalTime	01	The date when the goods were actually delivered to the Receiver.	WR 16-000017
Association		DigitalSignature	01	A character string, generated using an asymmetric technique, which provides message non-repudiation, integrity checking and authentication.	
Association	despatchAdvice	Ecom_DocumentReference	01	Reference to the commercial document issued by the seller to inform buyer about despatch of goods, detailed content of a shipment, and to provide means for shipment tracing.	WR 15-000314
Association	manifest	Ecom_DocumentReference	01	Reference number assigned to a list of goods to be transferred (freight list).	WR 15-000314
Association	payee	TransactionalParty	01	Identifies the credit party when other than the beneficiary.	
Association	billTo	TransactionalParty	01	Identifies the party which receives the invoice	WR 20-376
Association	invoiceProcessingParty	TransactionalParty	01	The party or function for processing a received invoice on behalf of the receiver of the invoice (invoicee).	WR 20-362
Association	supplierCorporateOffice	TransactionalParty	01	Identity of the supplier party to whom all other parties of the same commercial organization are linked.	
Association	remitTo	TransactionalParty	01	The party (account owner) that receives a payment when such party is not the same as the seller.	
Association	seller	TransactionalParty	11	Party selling merchandise to a buyer.	



Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
Association	supplierAgentRepresenta tive	TransactionalParty	01	The seller's agent representative is the party representing the seller or supplier for the purpose of the trade transaction.	
Association		InvoiceTotals	11	Provides the totals for this invoice.	
Association	taxRepresentative	TransactionalParty	01	The party who is responsible for declaring the Value Added Tax (VAT) on the sale of goods or services.	
Association	invoiceIssuer	TransactionalParty	01	The issuer of an invoice.	WR 20-357
Association	payer	TransactionalParty	01	Party initiating payment.	
Association		InvoiceAllowanceCharge	0*	The allowances and/or charges applicable to the invoice.	
Association	shipTo	TransactionalParty	01	Party to where goods will be or have been shipped.	
Association		PaymentTerms	0*	The specification of the payment terms applicable to this invoice.	
Association		InvoiceLineItem	1*	Contains the specification of the Invoice Line Item.	
Association	buyer	TransactionalParty	11	Party to whom merchandise and/or service is sold.	
Association	taxCurrencyInformation	CurrencyExchangeRateInfor mation	0*	Contains the currency in which taxes will be paid, as well as the exchange rate against the invoice currency.	
Association	invoice	Ecom_DocumentReference	01	Reference to the original invoice which is an itemized statement of money owed for goods shipped or services rendered.	WR 15-000314
Association	invoiceIdentification	Ecom_EntityIdentification	11	Contains the unique identifier of the business document.	WR 15-000314
Association	contract	Ecom_DocumentReference	01	Reference to the contractual agreement under which the goods are invoiced.	WR 15-000314 WR 16-000025
Association	consignee	TransactionalParty	01	The party receiving a consignment of goods.	WR 20-361
Association	ultimateConsignee	TransactionalParty	01	Identifies the party that is the final recipient of the shipment being invoiced.	
Association	salesReport	Ecom_DocumentReference	01	A reference to sales report document.	WR 15-000314 WR 16-000028
Association		DespatchInformation	01	The estimated delivery date time and actual ship date time for the goods billed in this invoice.	BRAD RQ 09.234
Association	pickupFrom	TransactionalParty	01	Identifies location where goods were pick up from.	WR 16-000036
Association	tradeAgreement	Ecom_DocumentReference	01	Specifies the trade agreement that the invoice is referring to.	WR 15-000314 WR 16-000026



Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
Association	salesOrder	Ecom_DocumentReference	01	Reference number assigned by the supplier to a buyer's purchase order.	WR 15-000314
Generalization		EcomDocument			WR 14-000110
Association	inventoryLocation	TransactionalParty	01	Identification of the location where the goods will be or have been stored.	
Association		ShipmentTransportationInfor mation	01	Detailed information on the transportation of shipments for this invoice.	
Association	returnsNotice	Ecom_DocumentReference	01	A reference to returns notice document.	WR 15-000314 WR 16-000033
Association	promotionalDeal	Ecom_DocumentReference	0*	Reference assigned by one of the trading partners to a specific Promotional activity. Promotional Deal is associated with promotional activity which has a start and end date with incentive provided by one of the trading partners.	WR 15-000314
Association		SalesCommission	0 *		WR 20-363
Attribute	invoiceType	InvoiceTypeCode	11	Code specifying the type of invoice.	
Attribute	invoiceCurrencyCode	CurrencyCode	11	The monetary unit used for calculation in an invoice.	
Attribute	creditReasonCode	CreditReasonCode	01	Code specifying the reason why the credit was issued.	
Attribute	countryOfSupplyOfGoods	CountryCode	01	Code identifying the country from which the delivery has taken place.	
Attribute	dutyFeeTaxExemptionRe ason	String	01	Specifies the reason for exemption of duty, fee or tax	WR 20-344
Attribute	paymentReference	String	01	The payment reference to a monetary amount relating to an invoice	{170} WR 20-343
Attribute	approvalChargingTaxRef erence	String	01	The reference to an approval for charging tax.	{1200} WR 20-358
Attribute	supplierAccountReceivable	string	01	Reference number assigned by the accounts receivable department to the account of a specific debtor.	
Attribute	discountAgreementTerm s	DiscountAgreementCode	01	Contractually agreed discounts that will be subtracted at the end of a year	WR 16-000019
Attribute	note	Description500	01	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



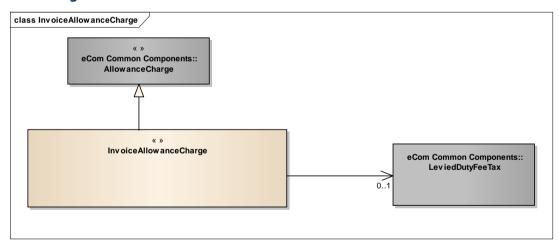
Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
Attribute	invoiceTypeDescription	Description500	01	Description of Invoice type, to be used when invoiceType code value = OTHER	WR 18-000279
Attribute	isBuyerBasedInEu	boolean	01	Specifies whether Buyer party if the buyer is located in the European Union.	WR 18-000279
Attribute	isFirstSellerBasedInEu	boolean	01	Identifies if the invoice is issued by the first seller in the European Union (EU), i.e. the EU manufacturer or the importer, and the product is destined for the EU market.	WR 18-000279



Note: Reference Shared Common Library Business Message (BMS) Release 3.6 and eCom Domain Common Library Business Message (BMS) Release 3.6 for all common information.

4.2 Invoice Allowance Charge Invoice Allowance Charge

Class Diagram





GDD Report

The content of the InvoiceAllowanceCharge class, its structure and component definitions can be accessed in the Global Data Dictionary: http://apps.gs1.org/GDD/bms/Version3_4/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:InvoiceAllowanceCharge

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
InvoiceAllowa nceCharge					
Association		LeviedDutyFeeTax	01	The tax, duty or fee applicable to this allowance or charge.	
Generalization		AllowanceCharge		Specifies allowances and charges specified to either the entire message or to individual line items contained in the message.	

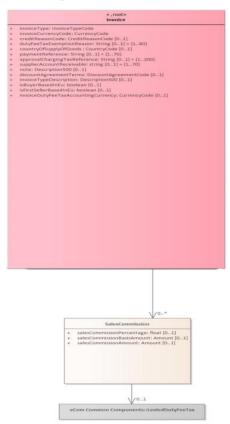


Note: Reference Shared Common Library Business Message (BMS) Release 3.6 and eCom Domain Common Library Business Message (BMS) Release 3.6 for all common information.



4.3 SalesCommission

Class Diagram



GDD Report

The content of the InvoiceAllowanceCharge class, its structure and component definitions can be accessed in the Global Data Dictionary: http://apps.gs1.org/GDD/bms/Version3_4/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:InvoiceAllowanceCharge

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
SalesCommiss ion				The information specifying details of sales commission.	WR 20-363



Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
Attribute	salesCommissionPercent age	float	01	The sales commission expressed as a percentage.	WR 20-363
Attribute	salesCommissionBasisA mount	Amount	01	The monetary amount that is the basis for calculating the sales commission amount.	WR 20-363
Attribute	salesCommissionAmount in	Amount	01	The sales commission monetary amount.	WR 20-363
Association		LeviedDutyFeeTax	01	The tax, duty or fee applicable to this allowance or charge.	WR 22-193

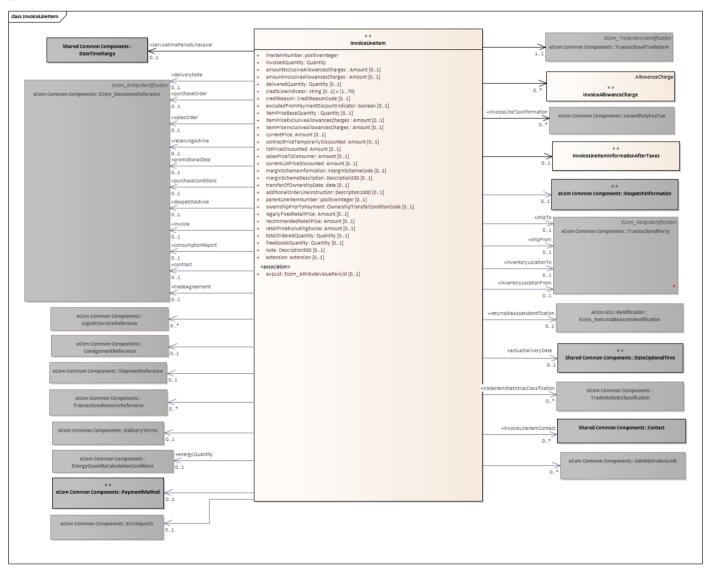


Note: Reference Shared Common Library Business Message (BMS) Release 3.6 and eCom Domain Common Library Business Message (BMS) Release 3.6 for all common information.



4.4 Invoice Line Item

Class Diagram





GDD Report

The content of the InvoiceLineItem class, its structure and component definitions can be accessed in the Global Data Dictionary: http://apps.gs1.org/GDD/bms/Version3_4/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:InvoiceLineItem

Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
InvoiceLineIte m				Specifies the information related to each line item. Each Invoice will contain one or more line items.	
Association		DespatchInformation	01	Information with regards to the despatching or shipping of goods.	BRAD RQ.09.234
Association		Ecom_ReturnableAssetIdenti fication	01	Information used to identify a returnable asset.	WR 15-000314 WR 16-000063
Association	tradeAgreement	Ecom_DocumentReference	01	Specifies the trade agreement that the invoice is referring to.	WR 15-000314 WR 16-000026
Association		ConsignmentReference	01	Reference to details of consignment	WR 13-000192
Association	shipFrom	TransactionalParty	01	Identification of the location from where goods will be or have been shipped.	WR 13-000192
Association		PaymentMethod	01	Provides information on the means of payment.	WR 16-000058
Association	despatchAdvice	Ecom_DocumentReference	01	A reference number identifying a despatch advice.	WR 15-000314
Association	shipTo	TransactionalParty	01	Party to where goods will be or have been shipped.	
Association	invoiceLineItemContact	Contact	0*	Specifies a department name or reference corresponding to invoice line item.	WR 16-000060 WR 16-000061 WR 16-000062 WR 16-000073
Association	deliveryNote	Ecom_DocumentReference	01	Reference number assigned by the issuer to a delivery note.	WR 15-000314
Association	consumptionReport	Ecom_DocumentReference	01	A reference number identifying a consumption report.	WR 15-000314
Association	contract	Ecom_DocumentReference	01	Reference to the contractual agreement under which the goods are invoiced.	WR 16-000025
Association	purchaseOrder	Ecom_DocumentReference	01	Reference number assigned by the buyer to an order.	WR 15-000314
Association	purchaseConditions	Ecom_DocumentReference	01	A reference number identifying the purchase conditions.	WR 15-000314
Association		LogisticServiceReference	0*	References to GS1 messages related to logistic services.	WR 13-000192
Association	servicetimePeriodLineLev el	DateTimeRange	01	Period of time during which a subscription is valid.	

Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
Association	invoiceLineTaxInformatio n	LeviedDutyFeeTax	0*	Information about the tax applicable to the invoice line.	
Association		InvoiceAllowanceCharge	0*	The allowances and/or charges applicable to the invoice line.	
Association		InvoiceLineItemInformation AfterTaxes	01	This is the invoice line amount including tax.	
Association		TransactionalTradeItem	1	The identification of any item (product or service) upon which there is a need to retrieve pre-defined information and that may be priced, ordered, or invoiced at any point in any supply chain.	
Association		DeliveryTerms	01	The applicable legal, customs, financial and insurance terms for the invoice line.	WR 15-000026
Association	promotionalDeal	Ecom_DocumentReference	01	Reference assigned by one of the trading partners to a specific Promotional activity. Promotional Deal is associated with promotional activity which has a start and end date with incentive provided by one of the trading partners.	WR 15-000314
Association	tradeItemStatisticalClass ification	TradeStatisticClassification	0*	Specifies classification code of the item for statistical purposes.	WR 16-000021 WR 16-000022
Association	receivingAdvice	Ecom_DocumentReference	01	A reference number identifying a receiving advice.	WR 15-000314
Association		TransactionalGenericRereren ce	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	salesOrder	Ecom_DocumentReference	01	Reference number assigned by supplier to a buyer's purchase order.	WR 15-000314
Association		Address			
Association	actualDeliveryDate	DateOptionalTime	01	The date when the goods were actually delivered to the Receiver.	WR 16-000017
Association	energyQuantity	EnergyQuantityCalculationC onditions	01	Specifies additional information necessary for price calculation of energy products, e.g. gas, fuel.	WR 16-000051
Association	invoice	Ecom_DocumentReference	01	A reference number identifying an invoice.	
Association	inventoryLocationTo	TransactionalParty	01	Identification of the location where the incoming goods will be or have been stored. Allow specification of charges for warehouse services such as storage, repalletisation, etc.	WR 13-000192

Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
Association		ShipmentReference	01	Reference to details of shipment.	WR 13-000192
Association	inventoryLocationFrom	TransactionalParty	01	Identification of the location where the outgoing goods will be or have been stored. Allow specification of charges for warehouse services such as storage, repalletisation, etc.	WR 13-000192
Association		EuUniqueID	01	Group of attributes related to the EU Unique IDs.	WR 18-000279
Attribute	lineItemNumber	positiveInteger	11	Provides the line number associated to the Invoice Line Item.	
Attribute	parentLineItemNumber	positiveInteger	01	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	invoicedQuantity	Quantity	11	The quantity of items that is being charged for in the Invoice Line Item.	
Attribute	amountExclusiveAllowan cesCharges	Amount	01	The sum of the line item amount. Excluding Invoice line charges and allowances. The line amount = quantity * Price.	
Attribute	amountInclusiveAllowanc esCharges	Amount	01	The sum of the line item amount. Including Invoice line charges and allowances. The line amount = quantity * Price + Charges – Allowances.	
Attribute	deliveredQuantity	Quantity	01	The actual quantity delivered.	
Attribute	totalOrderedQuantity	Quantity	01	The quantity of an item as ordered. To be stated in case of partial invoices.	WR 16-000053
Attribute	freeGoodsQuantity	Quantity	01	The quantity of free (not charged) goods as stated in contract.	WR 16-000054
Attribute	creditLineIndicator	string	01	An indicator that allows users to interpret a standard invoice line as being a credit line.	
Attribute	creditReason	CreditReasonCode	01	Reason why the credit was issued.	
Attribute	excludedFromPaymentDi scountIndicator	boolean	01	Indicator specifying whether or not the Invoice Line Item is to be included in payment discount calculations.	BRAD RQ09-193
Attribute	itemPriceBaseQuantity	Quantity	01	The base quantity in which the item price is expressed. Example: Price per 100 units.	
Attribute	itemPriceExclusiveAllowa ncesCharges	Amount	01	The price stated is the gross price excluding all allowances, charges and taxes.	
Attribute	itemPriceInclusiveAllowa ncesCharges	Amount	01	The price stated is the net price including all allowances and charges and excluding taxes.	



Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
Attribute	currentPrice	Amount	01	The price for a trade item that is subject to change in accordance with supply and demand.	WR 20-366
Attribute	contractPriceTemporarily Discounted	Amount	01	The contract price for a trade item that is temporarily discounted.	WR 20-364
Attribute	listPriceDiscounted	Amount	01	The discounted list price for a trade item.	WR 20-367
Attribute	salesPriceToConsumer	Amount	01	The price for the trade item that the consumer pays.	WR 20-368
Attribute	currentListPriceDiscounte d	Amount	01	The price for the trade item that is subject to change in accordance with supply and demand and is discounted.	WR 20-365
Attribute	legallyFixedRetailPrice	Amount	01	A fixed price required by law, e.g. books, cigarettes.	WR 16-000056
Attribute	retailPriceExcludingExcis e	Amount	01	Retail price with excise amount deducted, e.g. price of cigarettes without tobacco excise.	WR 16-000057
Attribute	recommendedRetailPrice	Amount	01	The recommended retail price is stated for marketing purpose only.	
Attribute	marginSchemeInformatio n	MarginSchemeCode	01	Code specifying a margin scheme.	WR 13-000194
Attribute	marginSchemeDescriptio n	Description200	01	Descriptive information about a margin scheme. Should be used when text type information is required, instead of the MarginSchemeInformation.	
Attribute	owenrshipPriorToPaymen t	OwnershipTransferCondition Code	01	Specifies who owns the goods before the invoice is paid and when the transfer of ownership can take place.	WR 16-000023
Attribute	transferOfOwnershipDate	date	01	The date on which the economic transfer of the goods took place. The tax authorities stipulate the specification of this date in invoices for goods and services.	
Attribute	additionalOrderLineInstr uction	Description1000	01	Contains any additional order line instructions as they appeared in the original Order for this product.	
Attribute	extension	extension	01		WR 16-000041
Attribute	note	Description500	01	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	01	Temporary attributes introduced between minor versions.	WR 14-000110

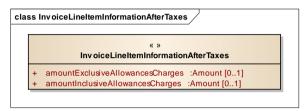


Note: Reference Shared Common Library Business Message (BMS) Release 3.6 and eCom Domain Common Library Business Message (BMS) Release 3.6 for all common information.



4.5 Invoice Line Item Information After Taxes

Class Diagram



GDD Report

The content of the InvoiceLineItemInformationAfterTaxes class, its structure and component definitions can be accessed in the Global Data Dictionary: http://apps.gs1.org/GDD/bms/Version3 4/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:InvoiceLineItemInformationAfterTaxes

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
InvoiceLineItemInfo rmationAfterTaxes				Contains the invoice line amount including tax.	
Attribute	amountExclusiv eAllowancesCha rges	Amount	01	The amount excluding the allowances and/or charges.	
Attribute	amountInclusiv eAllowancesCha rges	Amount	01	The amount including the allowances and/or charges.	

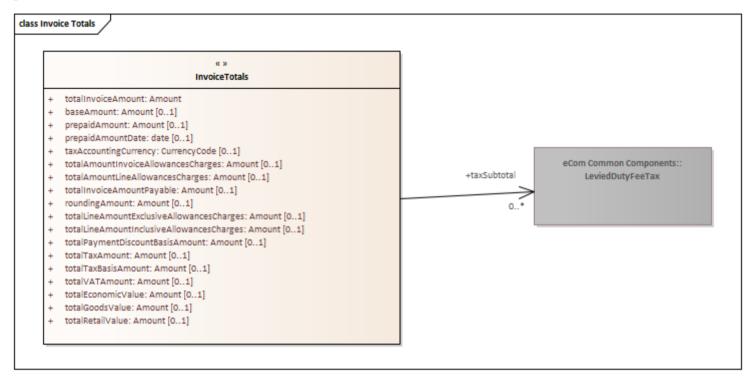


Note: Reference Shared Common Library Business Message (BMS) Release 3.6 and eCom Domain Common Library Business Message (BMS) Release 3.6 for all common information.



4.6 Invoice Totals

Class Diagram



GDD Report

The content of the InvoiceTotals class, its structure and component definitions can be accessed in the Global Data Dictionary: http://apps.gs1.org/GDD/bms/Version3 4/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:InvoiceTotals

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
InvoiceTot als				The specification of the prepaid amounts, or total monetary values due for the entire invoice.	
Association	taxSubtotal	LeviedDutyFeeTax	0*	The Tax subtotal specifies the total tax amounts for each tax rate.	



Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
Attribute	totalInvoiceAmount	Amount	11	Total sum charged in respect of a single Invoice in accordance with the terms of delivery.	
Attribute	baseAmount	Amount	01	Value of the invoice that is subject to discount and / or penalties.	
Attribute	prepaidAmount	Amount	01	Amount which has been prepaid in advance.	
Attribute	prepaidAmountDate	date	01	Date on which the prepaid amount has been paid.	
Attribute	taxAccountingCurrency	CurrencyCode	01	The monetary unit used for tax calculation in an invoice.	
Attribute	totalAmountInvoiceAllo wancesCharges	Amount	01	The amount specified is the total of all invoice charges/allowances.	
Attribute	totalAmountLineAllowa ncesCharges	Amount	01	The amount specified is the total of all invoice line charges/allowances.	
Attribute	totalInvoiceAmountPay able	Amount	01	Total amount including taxes (gross amount) that needs to be paid.	
Attribute	roundingAmount	Amount	01	The rounding monetary amount.	WR 20-360
Attribute	totalLineAmountExclusi veAllowancesCharges	Amount	01	The sum of all the line item amounts. Excluding Invoice line charges and allowances. The line amount = quantity * Price.	
Attribute	totalLineAmountInclusi veAllowancesCharges	Amount	01	The sum of all the line item amounts. Including Invoice line charges and allowances. The line amount = quantity * Price + Charges - Allowances.	
Attribute	totalPaymentDiscountB asisAmount	Amount	01	Amount that serves as the basis for calculating the payment discount.	BRAD RQ09-197
Attribute	totalTaxBasisAmount	Amount	01	Amount that serves as the basis for calculating taxes.	WR 16-000042
Attribute	totalTaxAmount	Amount	01	Total of all duty/tax/fee amounts.	
Attribute	totalVATAmount	Amount	01	VAT amount payable to the tax department calculating all rates together.	
Attribute	totalEconomicValue	Amount	01	Total amount calculated as sales price - (special excise tax + VAT or sales tax + recycling fee). Required for products to which special excise tax applies, such as cigarettes, fuel or alcohol.	WR 16-000044
Attribute	totalGoodsValue	Amount	01	Total amount calculated as sales price - special excise tax. Required for products to which special excise tax applies, such as cigarettes, fuel or alcohol.	WR 16-000045





Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
Attribute	totalRetailValue	Amount	01	Total amount calculated as sales price x invoiced quantity. Required for products with regulated price, such as cigarettes or books.	WR 16-000043



Note: Reference Shared Common Library Business Message (BMS) Release 3.6 and eCom Domain Common Library Business Message (BMS) Release 3.6 for all common information.



4.7 Enumerations (message specific)

Not applicable

4.8 Code Lists

Class	Codelist	GDD Link
InvoiceLine Item	ContactTypeCode	http://apps.qs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:qdd:cl:ContactTypeCode
Invoice	CountryCode	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:CountryCode
Invoice, InvoiceLine Item, InvoiceTota Is	CreditReasonCode	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:C reditReasonCode
Invoice, InvoiceTota Is	CurrencyCode	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:CurrencyCode
Invoice	InvoiceTypeCode	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:InvoiceTypeCode
Invoice	DiscountAgreementCod e	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:DiscountAgreementCode
InvoiceLine Item	MarginSchemeCode	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl: MarginSchemeCode
InvoiceLine Item	OwnershipTransferCon ditionCode	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl: OwnershipTransferConditionCode
InvoiceLine Item	PaymentMethodCode	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:PaymentMethodCode
Invoice, InvoiceLine Item	TransactionalReference TypeCode	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:TransactionalReferenceTypeCode



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

5 Business Message Examples

5.1 Example **1**

This is an example of an Invoice message, requesting payment for the delivered goods.

Party Information

GS1 Global Location Number	Party Type
5412345000013	Buyer
4098765000010	Seller

The invoice identification number is IN11-548 and the message was sent on April 12^{th} 2011 at 10.20 AM. The goods were delivered on April 11^{th} 2011, based on the Order # PO3352, placed on the 11^{th} of March 2011 at 11.00 AM.

The Invoice is sent by the Seller (GLN 4098765000010) to the Buyer (GLN 5412345000013).



The invoice consists of 2 Items 40987650000223 and 40987650000346. Both are subject to 19% VAT.

Message Example 1

Attribute	Value
Invoice	
invoiceTypeCode	INVOICE
invoiceCurrencyCode	EUR
Document	
creationDateTime	2011-04-12 10:15
documentStatusCode	ORIGINAL
EntityIdentification (+invoiceIdentification)	
entityIdentification	IN11-548
PartyIdentification (+contentOwner)	
gln	4098765000010
TransactionalParty (+buyer)	
gln	5412345000013
TransactionalParty (+seller)	
gln	4098765000010
InvoiceTotals (+invoiceTotals)	
totalInvoiceAmount	999.6 EUR
totalAmountInvoiceAllowancesCharges	0 EUR
totalLineAmountInclusiveAllowancesCharges	999.6 EUR
totalTaxAmount	159.6 EUR
LeviedDutyFeeTax (+ taxSubTotal)	
dutyFeeTaxCategoryCode	STANDARD_RATE
dutyFeeTaxAmount	159.6 EUR
dutyFeeTaxBasisAmount	840 EUR
dutyFeeTaxPercentage	19.00
dutyFeeTaxTypeCode	VAT
DocumentReference (+purchaseOrder)	
creationDateTime	2011-03-11 11:00
entityIdentification	PO3352
InvoiceLineItem *1	
lineItemNumber	1
invoicedQuantity	48
amountInclusiveAllowancesCharges	480 EUR
itemPriceInclusiveAllowancesCharges	10 EUR
transferOfOwnershipDate	2011-04-11
LeviedDutyFeeTax (+ invoiceLineTaxInformation)	
dutyFeeTaxCategoryCode	
	STANDARD_RATE
dutyFeeTaxAmount	91.2 EUR
dutyFeeTaxAmount dutyFeeTaxBasisAmount	



Attribute	Value
	VAT
dutyFeeTaxTypeCode	VAI
TransactionalTradeItem	40007650000000
gtin	40987650000223
invoiceLineItemInformationAfterTaxes	
amountInclusiveAllowancesCharges	571.2
DocumentReference (+purchaseOrder)	
creationDateTime	2011-03-11 11:0091.2
entityIdentification	PO3352
lineItemNumber	1
InvoiceLineItem *2	
lineItemNumber	2
invoicedQuantity	24
amountInclusiveAllowancesCharges	360 EUR
itemPriceInclusiveAllowancesCharges	15 EUR
transferOfOwnershipDate	2011-04-11
LeviedDutyFeeTax (+ invoiceLineTaxInformation)	
dutyFeeTaxCategoryCode	STANDARD_RATE
dutyFeeTaxAmount	68.4 EUR
dutyFeeTaxBasisAmount	360 EUR
dutyFeeTaxPercentage	19.00
dutyFeeTaxTypeCode	VAT
TransactionalTradeItem	
gtin	40987650000346
invoiceLineItemInformationAfterTaxes	
amountInclusiveAllowancesCharges	428.4
DocumentReference (+purchaseOrder)	
creationDateTime	2011-03-11 11:00
entityIdentification	
lineItemNumber	2
InvoiceTotals	
totalInvoiceAmount	999.6 EUR
totalAmountInvoiceAllowancesCharges	0 EUR
totalLineAmountInclusiveAllowancesCharges	999.6 EUR
totalTaxAmount	159.6 EUR
LeviedDutyFeeTax (+ taxSubTotal)	
dutyFeeTaxCategoryCode	STANDARD_RATE
dutyFeeTaxAmount	159.6 EUR
dutyFeeTaxBasisAmount	840 EUR
dutyFeeTaxPercentage	19.00
dutyFeeTaxTypeCode	VAT



5.2 Example 2

Invoice Credit Note

This is an example of an Invoice message used as a Credit Note.

Party Information

GS1 Global Location Number	Party Type
5412345000013	Buyer
4098765000010	Seller

The Invoice (Credit Note) identification number is CN11-038 and the message was sent on April 15^{th} 2011 at 10.20 AM. The goods were delivered on April 11^{th} 2011, based on the Order # PO3352, placed on the 11^{th} of March 2011 at 11.00 AM.

The credit note is sent by the Seller (GLN 4098765000010) to the Buyer (5412345000013).

The Credit Note refers the Receiving Advice RA20051 created on April 13 2011.

The Credit Note refers to Invoice IN11-548 created on April 12 2011.

The reason why the credit note has been raised is that part of the goods delivered were damaged. This was announced in the Receiving Advice.

Message Example 2

Attribute	Value
Invoice	
invoiceType	CREDIT_NOTE
invoiceCurrencyCode	EUR
creditReasonCode	DAMAGED_GOODS
Document	
creationDateTime	2011-04-15 10:20
documentStatusCode	ORIGINAL
EntityIdentification (+invoiceIdentification)	
entityIdentification	CN11-038
PartyIdentification (+contentOwner)	
gln	4098765000010
TransactionalParty (+buyer)	
gln	8812345678903
TransactionalParty (+seller)	
gln	4098765000010
DocumentReference (+purchaseOrder)	
creationDateTime	2011-03-11 11:00
entityIdentification	PO3352
DocumentReference (+invoice)	
creationDateTime	2011-04-12 10:15
entityIdentification	IN11-548
InvoiceTotals (+invoiceTotals)	
totalInvoiceAmount	999.6 EUR
totalAmountInvoiceAllowancesCharges	0 EUR
total Line Amount Inclusive Allowances Charges	999.6 EUR
totalTaxAmount	159.6 EUR



Attribute	Value
LeviedDutyFeeTax (+ taxSubTotal)	
dutyFeeTaxCategoryCode	STANDARD_RATE
dutyFeeTaxAmount	159.6 EUR
InvoiceLineItem	
lineItemNumber	1
invoicedQuantity	10
amountInclusiveAllowancesCharges	100 EUR
itemPriceInclusiveAllowancesCharges	10 EUR
deliveredQuantity	10
creditLineIndicator	Credit
creditReason	DAMAGED_GOOD
transferOfOwnershipDate	2011-04-11
LeviedDutyFeeTax (+ invoiceLineTaxInformation)	
dutyFeeTaxCategoryCode	STANDARD_RATE
dutyFeeTaxAmount	19 EUR
dutyFeeTaxBasisAmount	100 EUR
dutyFeeTaxPercentage	19.00
dutyFeeTaxTypeCode	VAT
TransactionalTradeItem	
gtin	40987650000223
DocumentReference (+invoice)	
entityIdentification	IN11-548
creationDateTime	2011-04-12 10:15
lineItemNumber	1
DocumentReference (+receivingAdvice)	
entityIdentification	RA20051
creationDateTime	2011-04-13 11:45
lineItemNumber	1
InvoiceTotals	
totalInvoiceAmount	119 EUR
totalAmountInvoiceAllowancesCharges	0 EUR
totalLineAmountInclusiveAllowancesCharges	100 EUR
totalVATAmount	19 EUR
LeviedDutyFeeTax (+ taxSubTotal)	
dutyFeeTaxCategoryCode	STANDARD_RATE
dutyFeeTaxAmount	19 EUR
dutyFeeTaxBasisAmount	100 EUR
dutyFeeTaxPercentage	19.00
dutyFeeTaxTypeCode	VAT



6 Implementation Considerations

6.1 User Guide

The Functional User Guide contains more information about the structure and content of the Invoice message: http://www.gs1.org/docs/ecom/xml/3/3.4/eCom-Trade messages.html#Invoice

6.2 Message Specific Considerations

Not Applicable



7 Summary of Changes

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

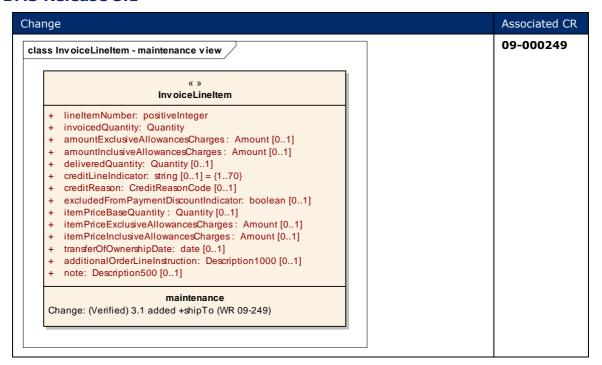


Note: WRs submitted earlier than February 2012 should be searched in Old Change Requests.

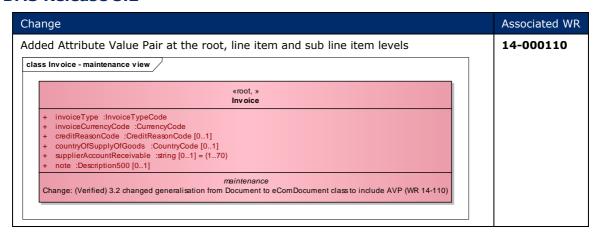
7.1 BMS Release 3.0

Change	Associated CR Number
For BMS Release 3.0.0: Updated to reflect changes in modelling methodology.	Not Applicable

7.2 BMS Release 3.1



7.3 BMS Release 3.2





Change	Associated WR
Added to InvoiceLineItem: (WR 13-192)	13-000192
 References to the relevant GS1 logistics messages, such as Transport Instruction, Warehouse Outbound Instruction: LogisticServiceTypeReference class 	13-000194 14-000021 14-000044 14-000110
 Reference to basic Consignment details such as GINC, Consigno Consignee: ConsignmentReference class 	
 Reference to basic Shipment details including GSIN, Shippe Receiver: ShipmentReference class 	r and
□ Ship From location	
 Inventory Location To and From 	
 Added marginSchemeInformation based on MarginSchemeCode marginSchemeDescription (WR 13-194) 	e and
 Added a reference to parent line number to all LineItem classes support hierarchical items (WRs 14-021 & 14-044) 	es, to
 Added Attribute Value Pair at the root, line item and sub line item (WR 14-110) 	levels
class InvoiceLineItem - maintenance view	\neg
« » InvoiceLineItem	
+ lineltemNumber :positiveInteger + invoicedQuantity :Quantity + amountExclusiveAllowancesCharges :Amount [01] + amountInclusiveAllowancesCharges :Amount [01] + deliveredQuantity :Quantity [01] + creditLineIndicator :string [01] = {170} + creditReason :CreditReasonCode [01] + excludedFromPaymentDiscountIndicator :boolean [01] + itemPriceBaseQuantity :Quantity [01] + itemPriceExclusiveAllowancesCharges :Amount [01] + itemPriceInclusiveAllowancesCharges :Amount [01] + wassociation avpList :Ecom_AttributeValuePairList [01] + marginSchemeInformation :MarginSchemeCode [01] + marginSchemeDescription :Description200 [01] + transferOfOwnershipDate :date [01] + additionalOrderLineInstruction :Description1000 [01] + parentLineItemNumber :positiveInteger [01] + note :Description500 [01] maintenance Change: (Verified) 3.2 added +avpList (WR 14-110) Change: (Verified) 3.2 added +marginSchemeDescription (WR 13-194) Change: (Verified) 3.2 added +marginSchemeInformation (WR 13-194) Change: (Verified) 3.2 added +parentLineItemNumber (WR 14-021 & 14-044) Change: (Verified) 3.2 added association to ConsignmentReference (WR 13-192) Change: (Verified) 3.2 added association to ShipmentReference class (WR 13-192) Change: (Verified) 3.2 added association to ShipmentReference class (WR 13-192) Change: (Verified) 3.2 added association to TransactionalParty named inventoryLocationFrom (WR 13-192) Change: (Verified) 3.2 added association to TransactionalParty named inventoryLocationFrom (WR 13-192) Change: (Verified) 3.2 added association to TransactionalParty named inventoryLocationFrom (WR 13-192) Change: (Verified) 3.2 added association to TransactionalParty named inventoryLocationFrom (WR 13-192) Change: (Verified) 3.2 added association to TransactionalParty named inventoryLocationFrom (WR 13-192)	



7.4 BMS Release 3.3

ss Invoice - maintenance view	id ke	ake GS1 lentification eys optional S1 EDI XML
	eCom GS1 Identification::	
	«root, » Invoice	
+ invoiceType :InvoiceTypeCode + invoiceCurrencyCode :CurrencyCode + creditReasonCode :CreditReasonCode [01] + countryOfSupplyOfGoods :CountryCode [01] + supplierAccountReceivable :string [01] = {170 + discountAgreementTerms :DiscountAgreementC + note :Description500 [01]		
Change: (Complete) 3.2 changed generalisation from Change: (New) 3.3 added +discountAgreementTerm Change: (New) 3.3 added association to DateOption Change: (New) 3.3 added association to DeliveryTer Change: (New) 3.3 added association to Ecom_Doct Change: (New) 3.3 added association to EndCustom Change: (New) 3.3 added association to EndCustom Change: (New) 3.3 added association to Transaction	alTime named +actualDeliveryDate (WR 16-017) ms (WR 15-026) umentReference named +blanketOrder (WR 16-024) umentReference named +contract (WR 16-025) umentReference named +disputeNotice (WR 16-027) umentReference named +returnsNotice (WR 16-033) umentReference named +salesReport (WR 16-028) umentReference named +tradeAgreement (WR 16-026) erRelatedDetalis (WR 16-038)	



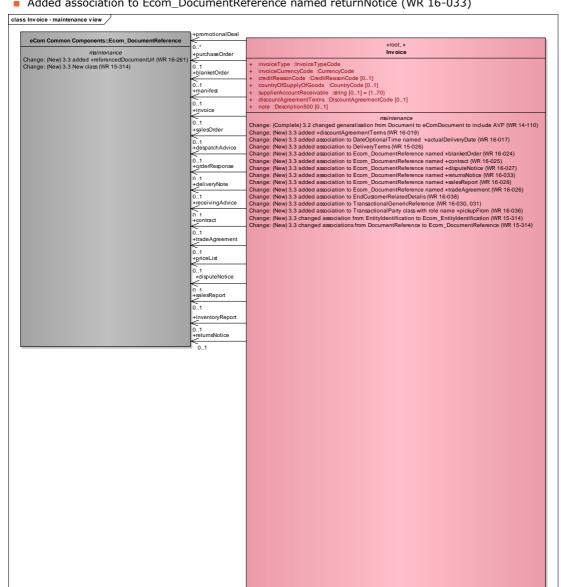
Associated WR Change 16-000019 Added +discountAgreementTerms (WR 16-019) Add qualifier to class Invoice - maintenance view special contractual «root.» agreement Inv oice terms need to be qualified / invoiceType :InvoiceTypeCode stated in an invoiceCurrencyCode :CurrencyCode invoice creditReasonCode :CreditReasonCode [0..1] + countryOfSupplyOfGoods :CountryCode [0..1] supplierAccountReceivable :string [0..1] = {1..70} discountAgreementTerms :DiscountAgreementCode [0..1] note :Description500 [0..1] maintenance Change: (Complete) 3.2 changed generalisation from Document to eComDocument to include AVP (WR 14-110) Change: (New) 3.3 added +discountAgreementTerms (WR 16-019) Change: (New) 3.3 added association to DateOptionalTime named +actualDeliveryDate (WR 16-017) Change: (New) 3.3 added association to DeliveryTerms (WR 15-026) Change: (New) 3.3 added association to Ecom_DocumentReference named +blanketOrder (WR 16-024) Change: (New) 3.3 added association to Ecom_DocumentReference named +contract (WR 16-025) Change: (New) 3.3 added association to Ecom_DocumentReference named +disputeNotice (WR 16-027) Change: (New) 3.3 added association to Ecom_DocumentReference named +returnsNotice (WR 16-033) Change: (New) 3.3 added association to Ecom_DocumentReference named +salesReport (WR 16-028) Change: (New) 3.3 added association to Ecom_DocumentReference named +tradeAgreement (WR 16-026) Change: (New) 3.3 added association to EndCustomerRelatedDetalis (WR 16-038) Change: (New) 3.3 added association to Transactional Generic Reference (WR 16-030, 031) Change: (New) 3.3 added association to Transactional Party class with role name +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

Created Ecom_DocumentReference class and changed association from the previous DocumentReference (WR 15-314)

- Added association to Ecom_DocumentReference named blanketOrder (WR 16-024)
- Added association to Ecom_DocumentReference named contract (WR 16-025)
- Added association to Ecom DocumentReference named agreement (WR 16-026)
- Added association to Ecom_DocumentReference named commercialDispute (WR 16-027)
- Added association to Ecom_DocumentReference named salesReport (WR 16-028)
- Added association to Ecom_DocumentReference named returnNotice (WR 16-033)



Associated WR 15-000314

Make GS1 identification keys optional in **GS1 EDI XML**

16-000024

Add reference to Blanket Order at invoice level

16-000025

Add reference to contract

16-000026

Add reference to agreement

16-000027

Add reference to commercial dispute

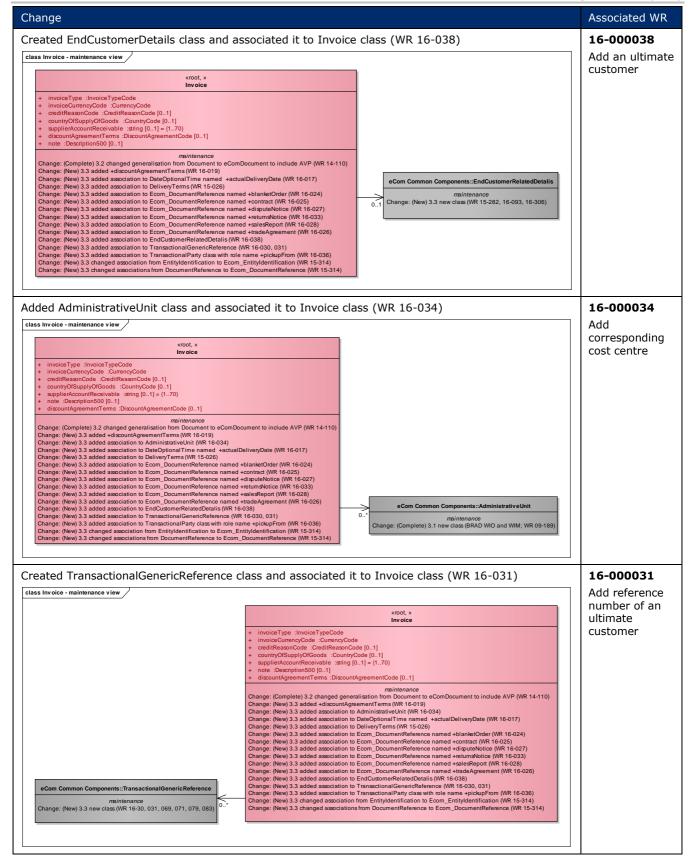
16-000028

Add reference to sales report

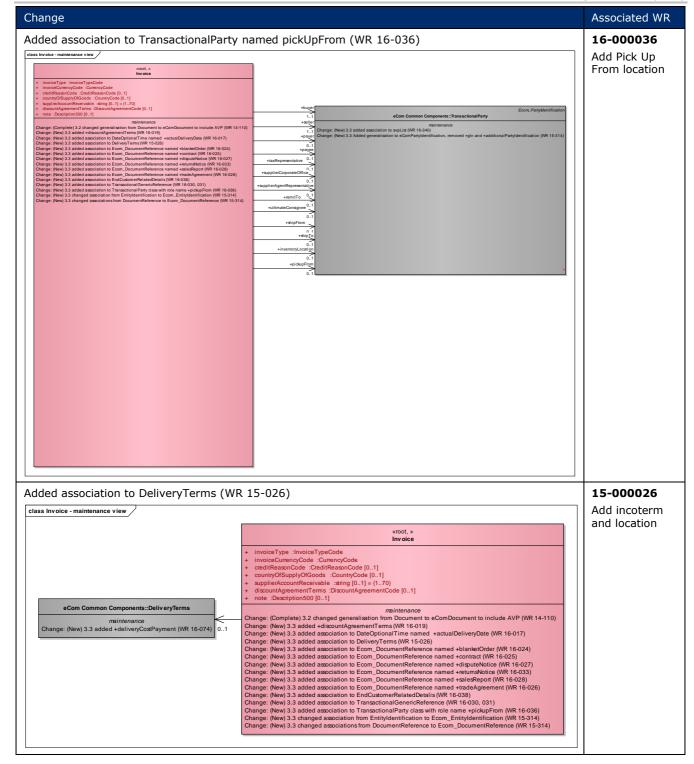
16-000033

Add reference to return notice

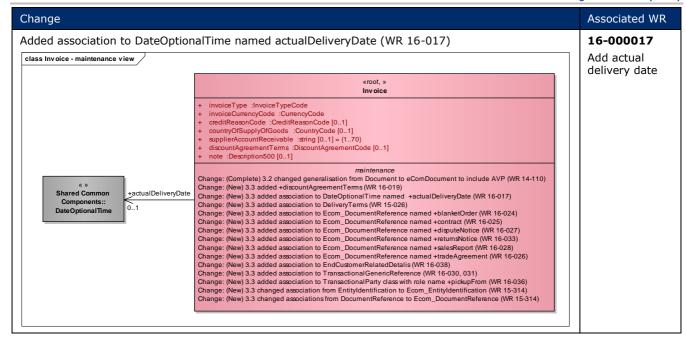














Invoice Business Message Standard (BMS) Change Associated WR 16-000023 Added ownershipPriorToPayment (WR 16-023) Add Added extension (WR 16-041) information about Added totalOrderedQuantity (WR 16-053) ownership of Added freeGoodsQuantity (WR 16-054) goods prior to payment Added recommendedRetailPrice (WR 16-055) 16-000041 Added legallyFixedRetailPrice (WR 16-056) Add energy meter name. added retailPriceExcludingExcise (WR 16-057) id, location and class InvoiceLineItem - maintenance view measurement information 16-000053 InvoiceLineItem Add total lineItemNumber :positiveInteger ordered parentLineItemNumber :positiveInteger [0..1] quantity invoicedQuantity :Quantity amountExclusiveAllowancesCharges :Amount [0..1] 16-000054 amountInclusiveAllowancesCharges :Amount [0..1] deliveredQuantity: Quantity [0..1] (additional) totalOrderedQuantity: Quantity [0..1] freeGoodsQuantity :Quantity [0..1] free goods creditLineIndicator :string [0..1] = {1..70} quantity creditReason :CreditReasonCode [0..1] 16-000055 excludedFromPaymentDiscountIndicator:boolean[0..1] itemPriceBaseQuantity :Quantity [0..1] hhΑ itemPriceExclusiveAllowancesCharges :Amount [0..1] recommended itemPriceInclusiveAllowancesCharges :Amount [0..1] retail price legallyFixedRetailPrice :Amount [0..1] retailPriceExcludingExcise :Amount [0..1] recommendedRetailPrice :Amount [0..1] 16-000056 marginSchemeInformation :MarginSchemeCode [0..1] Add legally marginSchemeDescription: Description200 [0..1] fixed retail owenrshipPriorToPayment :OwnershipTransferConditionCode [0..1] price transferOfOwnershipDate :date [0..1] additionalOrderLineInstruction: Description1000 [0..1] 16-000057 extension :extension [0..1] Add retail price + note :Description500 [0..1] without «association» (tobacco) tax avpList :Ecom_AttributeValuePairList [0..1] maintenance Change: (Complete) 3.1 added association to Transactional Party named ship To (WR 09-249) Change: (Complete) 3.2 added +avpList (WR 14-110) Change: (Complete) 3.2 added +marginSchemeDescription (WR 13-194) Change: (Complete) 3.2 added +marginSchemeInformation (WR 13-194) Change: (Complete) 3.2 added +parentLineItemNumber (WR 14-021 & 14-044) Change: (Complete) 3.2 added association to ConsignmentReference (WR 13-192) Change: (Complete) 3.2 added association to LogisticServiceTypeReference (WR 13-192) Change: (Complete) 3.2 added association to ShipmentReference (WR 13-192) Change: (Complete) 3.2 added association to Transactional Party named inventory Location From (WR 13-192) Change: (Complete) 3.2 added association to Transactional Party named inventoryLocationTo (WR 13-192) Change: (Complete) 3.2 added association to Transactional Party named ship From (WR 13-192) Change: (New) 3.3 added +extension (WR 16-041) Change: (New) 3.3 added +freeGoodsQuantity (WR 16-054) Change: (New) 3.3 added +legallyFixedRetailPrice (WR 16-056) Change: (New) 3.3 added +owenrshipPriorToPayment (WR 16-023) Change: (New) 3.3 added +retailPriceExcludingExcise (WR 16-057) Change: (New) 3.3 added +totalOrderedQuantity (WR 16-053) Change: (New) 3.3 added association to Contact named +invoiceLineItemContact (WR 16-060, 061, 062, 073) Change: (New) 3.3 added association to DeliveryTerms (WR 15-026) Change: (New) 3.3 added association to DocumentReference named +contract (WR 16-025) Change: (New) 3.3 added association to DocumentReference named +tradeAgreement (WR 16-026) Change: (New) 3.3 added association to EnergyQuantityCalculationConditions named +energyQuantity (WR 16-051)

Change: (New) 3.3 added association to PaymentMethod (WR 16-058) Change: (New) 3.3 added association to Returnable AssetIdentification (WR 16-063)

Change: (New) 3.3 added association to the DateOptionalTime named +actualDeliveryDate (WR 16-017)

Change: (New) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314)

Change: (New) 3.3 added association to TradeStatisticClassification named +tradeItemStatisticalClassification (WR 16-021 & 022)

Change: (New) 3.3 added association to the Transactional Generic Reference (WR 16-031)



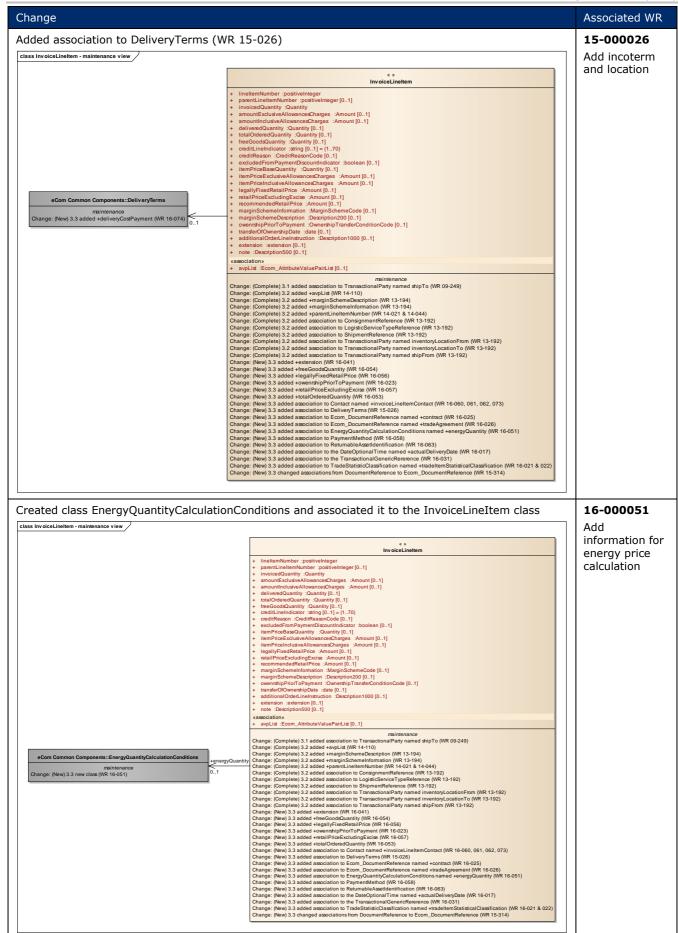
Change Associated WR 16-000025 Added association to Ecom_DocumentReference named contract (WR 16-025) Add reference Added association to Ecom DocumentReference named agreement (WR 16-026) to contract class InvoiceLineItem - maintenance view 16-000026 Add reference Ecom_EntityIdentifi eCom Common Components::Ecom_DocumentReference to agreement LindtenNumber: postiveInteger [0.1] Siduantity Ocuantity ExclusiveAllowanceSharges: Amount [0.1] Idiounitity Ocuantity [0.1] sidQuantity Ocuantity [0.1] sidQuantity Ocuantity [0.1] desedQuantity : Quantity [0.1] deseQuantity : Quantity [0.1] sesson: GreditReasonCode [0.1] deseqQuantity : Quantity [0.1] ceBaseQuantity : Quantity (0.1] ceBaseQuantity t aspociation y aptile i Ecom_AttributeValuePairList [0.1] maintenance Change: (Complete) 3.1 added association to TransactionalParty named shipTo (WR 09-249) Change: (Complete) 3.2 added +amplist (WR 14-110) Change: (Complete) 3.2 added +amplist Changin Ecomplete) 3.2 added association to ConsignmentReference (WR 13-192) Changin Ecomplete) 3.2 added association to TransactionalParty named inventoryLocationFrom (WR 13-192) Changin Ecomplete) 3.2 added association to TransactionalParty named inventoryLocationFrom (WR 13-192) Changin Ecomplete) 3.2 added association to TransactionalParty named inventoryLocationFrom (WR 13-192) Changin Ecomplete) 3.2 added association to TransactionalParty named shipFrom (WR 13-192) Changin Ecomplete) 3.2 added association to TransactionalParty named shipFrom (WR 13-192) Changin Ecomplete) 3.2 added association to TransactionalParty named shipFrom (WR 13-192) Changin Ecomplete) 3.2 added association (WR 16-04) Changin Ecomplete) 3.2 added association (WR 16-05) Changin Ecomplete) 3.2 added association to Ecomplete (WR 16-05) Changin Ecomplete (WR 16-07) Changin Ecomplete (WR 16-07) Changin Ecomplete (WR 16-07) Changin Ecomplete (WR 16-07) Changin Ecomplete (WR 16



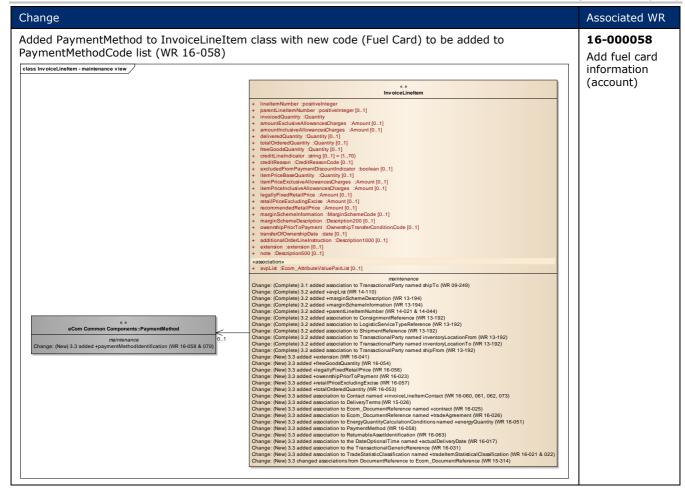
Change Associated WR 16-000060 added association to Contact named +invoiceLineItemContact; ContactTypeCode contains necessary values (WR 16-060, 061, 062, 073) Add department class InvoiceLineItem - maintenance view / name or number lineItemNumber :postiveInteger parentLineItemNumber :postiveInteger [0..1] invoicedQuantity :Quantity amountExclusiveAllowancesCharges :Amount [0..1] amountInclusiveAllowancesCharges :Amount [0..1] deliveredQuantity :Quantity [0..1] totalOrderedQuantity :Quantity [0..1] freeGoodSQuantity :Quantity [0..1] creditLineIndicator :string [0..1] = {1..70} creditReason :CreditReasonCode [0..1] excludedFromPaymentDiscountIndicator :boolean [0..1] itemPriceBaseQuantity :Quantity [0..1] itemPriceBaseQuantity :Quantity [0..1] corresponding to accounting information 16-000061 bbA department name or itemPriceBaseQuantity: (Quantity [0..1] itemPriceExclusiveAllowanceScharges: Amount [0..1] itemPriceInclusiveAllowanceScharges: Amount [0..1] itemPriceInclusiveAllowanceScharges: Amount [0..1] retailPriceExcludingExcise: Amount [0..1] recommendedRetailPrice: Amount [0..1] recommendedRetailPrice: Amount [0..1] marginSchemeeInformation: MarginSchemeCode [0..1] marginSchemeDescription: Description200 [0..1] owenshipPriorToPayment: OwnershipTranslerConditionCode [0..1] transferOlOwnershipDate: date [0..1] additionalOrderLineInstruction: Description1000 [0..1] extension: Extension [0..1] associations. number corresponding to accounting information 16-000062 Add Ordering Contact «association» + avpList :Ecom_AttributeValuePairList [0..1] 16-000073 maintenance

Change: (Complete) 3.1 added association to Transactional Party named ship To (WR 09-249) Add cost centre Change: (Complete) 3.1 added association to TransactionalParty named shipTo (WR 09-249)
Change: (Complete) 3.2 added +avpList (WR 14-110)
Change: (Complete) 3.2 added +marginSchemeDescription (WR 13-194)
Change: (Complete) 3.2 added +marginSchemeInformation (WR 13-194)
Change: (Complete) 3.2 added +aranginSchemeInformation (WR 13-194)
Change: (Complete) 3.2 added association to ConsignmentReference (WR 13-192)
Change: (Complete) 3.2 added association to LogisticServiceTypeReference (WR 13-192)
Change: (Complete) 3.2 added association to TransactionalParty named inventoryLocationFrom (WR 13-192)
Change: (Complete) 3.2 added association to TransactionalParty named inventoryLocationTom (WR 13-192)
Change: (Complete) 3.2 added association to TransactionalParty named shipFrom (WR 13-192)
Change: (Name) 3.3 added +extension (WR 16-041)
Change: (New) 3.3 added +extension (WR 16-054) manager Change: (New) 3.3 added +extension (WR 16-041)
Change: (New) 3.3 added +extension (WR 16-054)
Change: (New) 3.3 added +freeGoodsQuantity (WR 16-056)
Change: (New) 3.3 added +etalpallyExacRetailPrice (WR 16-056)
Change: (New) 3.3 added +etalpallyExacRetailPrice (WR 16-056)
Change: (New) 3.3 added +etalpallyExacRetailPrice (WR 16-057)
Change: (New) 3.3 added association to Contact named +invoiceLineItemContact (WR 16-060, 061, 062, 073)
Change: (New) 3.3 added association to Doutact named +invoiceLineItemContact (WR 16-060, 061, 062, 073)
Change: (New) 3.3 added association to Ecom_DocumentReference named +contract (WR 16-025)
Change: (New) 3.3 added association to Ecom_DocumentReference named +tradeAgreement (WR 16-026)
Change: (New) 3.3 added association to Ecom_DocumentReference named +tradeAgreement (WR 16-051)
Change: (New) 3.3 added association to EnergyQuantityCalculationConditions named +energyQuantity (WR 16-051)
Change: (New) 3.3 added association to ReturnableAssetIdentification (WR 16-063)
Change: (New) 3.3 added association to the DateOptionalTime named +actualDeliveryDate (WR 16-017)
Change: (New) 3.3 added association to the DateOptionalTime named +actualDeliveryDate (WR 16-017)
Change: (New) 3.3 added association to the TransactionalGenericRererence (WR 16-031)
Change: (New) 3.3 added association for fradeStatisticClassification named +tradeItemStatisticClassification (WR 16-053) Change: (New) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314)





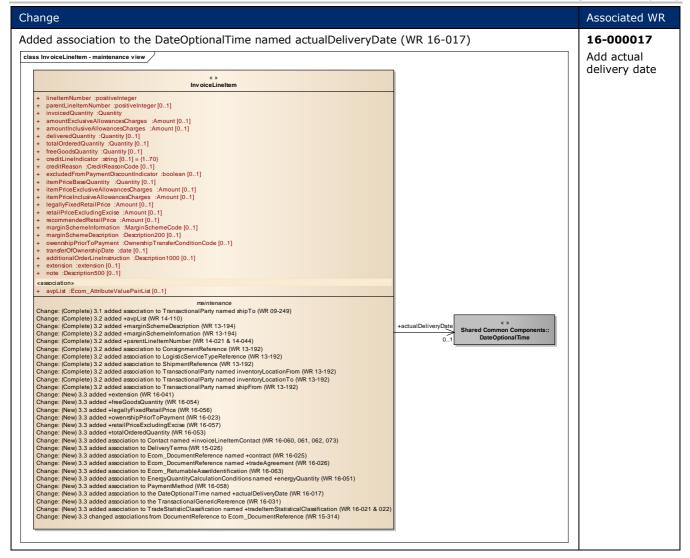




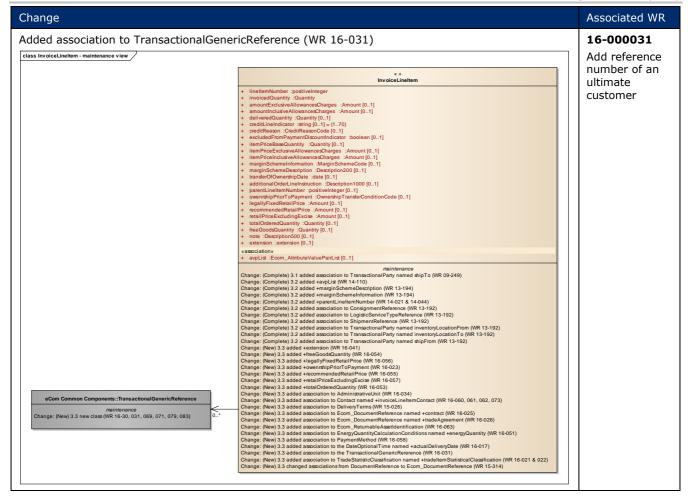


Change Associated WR 15-000314 Created Ecom_ReturnableAssetIdentification class (WR 15-314) Make GS1 Added association to Ecom ReturnableAssetIdentification (WR 16-063) identification keys optional in class InvoiceLineItem - maintenance view / **GS1 EDI XML** « » InvoiceLineItem 16-000063 lineItemNumber :positiveInteger parentLineItemNumber :positiveInteger [0..1] invoicedQuantity :Quantity amountExQuisevAllowancesCharges :Amount [0..1] amountInclusiveAllowancesCharges :Amount [0..1] Add GRAI (returnableAsse # amountExclusiveAllowancesCharges : Amount [0..1] # deliveredQuantity : Quantity [0..1] # deliveredQuantity : Quantity [0..1] # treeGoodsQuantity : Quantity [0..1] # reedCoodsQuantity : Quantity [0..1] # reedCoodsQuantity : Quantity [0..1] # reddLineIndicator : sting [0..1] = (1..70) # creddLineIndicator : sting [0..1] = (1..70) # creddLineIndicator : sting [0..1] # recularGomPaymentDiscountIndicator : boolean [0..1] # itemPriceBaseQuantity : Quantity [0..1] # itemPriceBaseQuantity : Quantity [0..1] # itemPriceBaseQuantity : Quantity [0..1] # itemPriceExclusiveAllowancesCharges : Amount [0..1] # retailPriceExclusiveAllowancesCharges : Amount [0..1] # retailPriceExclusingExcise : Amount [0..1] # retailPriceExclusingExcise : Amount [0..1] # marginSchemeInformation : MarginSchemeCode [0..1] # marginSchemeInformation : Ownership TransferConditionCode [0..1] # transferOfOwnershipDate : date [0..1] # additionalOrdet.IneInstruction : Description1000 [0..1] # extension : extension [0..1] # note : Description500 [0..1] # cassociations tIdentifier) «association» + avpList :Ecom_AttributeValuePairList [0..1] # avpLis :Ecom_AttributeValuePairList [0.1] **mintenance** Change: (Complete) 3.1 added association to TransactionalParty named shipTo (WR 09-249) (Change: (Complete) 3.2 added +avpList (WR 14-110) Change: (Complete) 3.2 added association to ConsignmentReference (WR 13-194) Change: (Complete) 3.2 added association to ConsignmentReference (WR 13-192) Change: (Complete) 3.2 added association to LogisticServiceTypeReference (WR 13-192) Change: (Complete) 3.2 added association to TransactionalParty named inventoryLocationFrom (WR 13-192) Change: (Complete) 3.2 added association to TransactionalParty named inventoryLocationFrom (WR 13-192) Change: (Complete) 3.2 added association to TransactionalParty named inventoryLocationFrom (WR 13-192) Change: (Complete) 3.2 added association to TransactionalParty named shipFrom (WR 13-192) Change: (New) 3.3 added +extension (WR 16-041) Change: (New) 3.3 added +extension (WR 16-041) Change: (New) 3.3 added +extension (WR 16-041) Change: (New) 3.3 added +ergallyFixedRetailPrice (WR 16-056) Change: (New) 3.3 added +ergallyFixedRetailPrice (WR 16-056) Change: (New) 3.3 added association to Contact named +inviocaLineItemContact (WR 16-060, 061, 062, 073) Change: (New) 3.3 added association to Contact named +inviocaLineItemContact (WR 16-060, 061, 062, 073) Change: (New) 3.3 added association to Ecom_DocumentReference named +contract (WR 16-026) Change: (New) 3.3 added association to Ecom_DocumentReference named +energyQuantity (WR 16-051) Change: (New) 3.3 added association to Ecom_DocumentReference named +energyQuantity (WR 16-051) Change: (New) 3.3 added association to Ecom_DocumentReference (WR 16-063) Change: (New) 3.3 added association to Ecom_DocumentReference (WR 16-063) Change: (New) 3.3 added association to Tenaded intribute (WR 16-069) Change: (New) 3.3 added association to Ecom_DocumentReference (W











Change Associated WR 16-000021 Created TradeStatisticClassification class and added association to named tradeItemStatisticalClassification (WR 16-021 & 022) Add declaration for export sector statistics « » InvoiceLineItem IneltemNumber :positiveInteger parentLineItemNumber :positiveInteger parentLineItemNumber :positiveInteger [0..1] invoicedQuantity :Quantity amountExclusiveAllowancesCharges :Amount [0..1] amountInclusiveAllowancesCharges :Amount [0..1] delivereQuantity :Quantity [0..1] totalOrderedQuantity :Quantity [0..1] totalOrderedQuantity :Quantity [0..1] reredictoodQuantity :Quantity [0..1] reredictoodQuantity :Quantity [0..1] reredictoodQuantity :Quantity [0..1] reredictoodQuantity :Quantity [0..1] itemPriceQuantity :Quantity [0..1] recommendedRetailPrice :Amount [0..1] recommendedRetailPrice :Amount [0..1] marginSchemelbescription :Description200 [0..1] marginSchemelbescription :Quantity [0..1] transferOlownershipDate :date [0..1] additionalOrderLineInstruction :Description1000 [0..1] extension :extension [0..1] extension :extension [0..1] or external trade statistics 16-000022 Add Intrastat -Message to the Federal Statistical Office used to eCom Common Components: TradeStatisticClassification balance the actual maintenance Change: (New) 3.3 new class (WR 16-021 & 022) merchandise traffic casocialions - applias 'Ecom, AttributeValuePairList [0.-1] Change: (Complete) 3.1 added association to TransactionalParty named shipTo (WR 09-249) Change: (Complete) 3.2 added + araginSchemelosecription (WR 13-194) Change: (Complete) 3.2 added + araginSchemelosecription (WR 13-194) Change: (Complete) 3.2 added + araginSchemelosecription (WR 13-194) Change: (Complete) 3.2 added association to ConsymmentReference (WR 13-192) Change: (Complete) 3.2 added association to ConsymmentReference (WR 13-192) Change: (Complete) 3.2 added association to SpilisticServiceTypeReference (WR 13-192) Change: (Complete) 3.2 added association to SpilisticServiceTypeReference (WR 13-192) Change: (Complete) 3.2 added association to TransactionalParty named inventoryLocationFrom (WR 13-192) Change: (Complete) 3.2 added association to TransactionalParty named inventoryLocationTo (WR 13-192) Change: (Complete) 3.2 added association to TransactionalParty named shipFrom (WR 13-192) Change: (New) 3.3 added extension (WR 16-041) Change: (New) 3.3 added association to Extension (WR 16-056) Change: (New) 3.3 added association to Extension (WR 16-056) Change: (New) 3.3 added association to Extension (WR 16-056) Change: (New) 3.3 added association to Extension (WR 16-058) Change: (New) 3.3 added association to Extension (WR 16-058) Change: (New) 3.3 added association to Extension (WR 16-058) Change: (New) 3.3 added association to Extension (WR 16-058) Change: (New) 3.3 added association to Extension (WR 16-058) Change: (New) 3.3 added association to Extension (WR 16-058) Change: (New) 3.3 added association to Extension (WR 16-058) Change: (New) 3.3 added association to Extension (WR 16-058) Chang Change: (New) 3.3 added association to TradeStatisticClassification named +tradeItemStatisticalClassification (WR 16-021 & 022 Change: (New) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314) 16-000042 Added totalTaxBasisAmount (WR 16-042) Add Added totalRetailValue (WR 16-043) totalTaxBasisA mount as a Added totalEconomicValue (WR 16-044) summation Added totalGoodsValue (WR 16-045) information 16-000043 class InvoiceTotals - maintenance view Add total retail value InvoiceTotals 16-000044 totalInvoiceAmount :Amount Add total baseAmount :Amount [0..1] economic value prepaidAmount :Amount [0..1] prepaidAmountDate :date [0..1] 16-000045 taxAccountingCurrency :CurrencyCode [0..1] totalAmountInvoiceAllowancesCharges :Amount [0..1] Add total goods totalAmountLineAllowancesCharges :Amount [0..1] value totalInvoiceAmountPayable :Amount [0..1] totalLineAmountExclusiveAllowancesCharges :Amount [0..1] totalLineAmountInclusiveAllowancesCharges :Amount [0..1] totalPaymentDiscountBasisAmount :Amount [0..1] totalTaxAmount :Amount [0..1] totalTaxBasisAmount :Amount [0..1] totalVATAmount :Amount [0..1] totalEconomicValue :Amount [0..1] totalGoodsValue :Amount [0..1] totalRetailValue :Amount [0..1] maintenance Change: (New) 3.3 added +totalEconomicValue (WR 16-044) Change: (New) 3.3 added +totalGoodsValue (WR 16-045) Change: (New) 3.3 added +totalRetailValue (WR 16-043) Change: (New) 3.3 added +totalTaxBasisAmount (WR 16-042)

not the first Seller is

based in the

EU Unique Identifier Type list of serialised Unique Identifiers

list of aggregated Unique Identifiers



7.5 **BMS Release 3.4** Change Associated WR 18-000279 Added Add: invoiceTypeDescription description isBuyerBasedInEU of the other firstSellerBasedInFU type of the invoice to the Invoice class information class Invoice - maintenance view whether or not the «root, » Invoice Buyer is invoiceType :InvoiceTypeCode invoiceCurrencyCode :CurrencyCode creditReasonCode :CreditReasonCode [0..1] countryOfSupplyOfGoods :CountryCode [0..1] supplierAccountReceivable :string [0..1] = {1..70} note :Description500 [0..1] discountAgreementTerms :DiscountAgreementCode [0..1] invoiceTypeDescription :Description500 [0..1] isBuyerBasedInEu :boolean [0..1] isFirstSellerBasedInEu :boolean [0..1] based in the information whether or

- maintenance

 Change: (Complete) 3.2 changed generalisation from Document to eComDocument to include AVP (WR 14-110) Change: (Complete) 3.3 added +discountAgreementTerms (WR 16-019)

 Change: (Complete) 3.3 added association to AdministrativeUnit (WR 16-034)

 Change: (Complete) 3.3 added association to DateOptionalTime named +actualDeliveryDate (WR 16-017)

 Change: (Complete) 3.3 added association to DeliveryTerms (WR 15-026)

 Change: (Complete) 3.3 added association to Ecom_DocumentReference named +blanketOrder (WR 16-024)

 Change: (Complete) 3.3 added association to Ecom_DocumentReference named +contract (WR 16-025)

 Change: (Complete) 3.3 added association to Ecom_DocumentReference named +disputeNotice (WR 16-027)

 Change: (Complete) 3.3 added association to Ecom_DocumentReference named +inventoryReport (WR 16-029)

 Change: (Complete) 3.3 added association to Ecom_DocumentReference named +returnsNotice (WR 16-033)

 Change: (Complete) 3.3 added association to Ecom_DocumentReference named +radeAgreement (WR 16-028)

 Change: (Complete) 3.3 added association to Ecom_DocumentReference named +tradeAgreement (WR 16-026)

 Change: (Complete) 3.3 added association to EndCustomerRelatedDetalis (WR 16-030, 031)

 Change: (Complete) 3.3 added association to TransactionalGenericReference (WR 16-030, 031)

 Change: (Complete) 3.3 changed association from EntityIdentification to Ecom_DocumentReference (WR 15-314)

 Change: (Complete) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314)

 Change: (New) 3.4 added +invoiceTypeDescription (WR 18-279)

 Change: (New) 3.4 added +isFirstSellerBasedInEu (WR 18-279)

 Change: (New) 3.4 added +isFirstSellerBasedInEu (WR 18-279) maintenance

Added association to the EuUniqueID class

```
class InvoiceLineItem - maintenance view
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      « »
InvoiceLineItem
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     InvoiceIneIte

IneItemNumber :positiveInteger
InvoiceQuantity :Quantity amount [0..1]
amounthcusveAllowanceScharges :Amount [0..1]
amounthcusveAllowanceScharges :Amount [0..1]
amounthcusveAllowanceScharges :Amount [0..1]
creditiveIneIneItem [0..1]
creditiveIneIneItem [0..1]
temPriceDaseQuantity :Quantity [0..1]
temPriceDaseQuantity :Quantity [0..1]
temPriceDaseQuantity :Quantity [0..1]
marginSchemeIneExciption :Description [0..1]
transferOlOmershipDate :date [0..1]
transferOlOmershipDate :date [0..1]
transferOlOmershipDate :date [0..1]
ovenshipPriorToPayment :OwershipTransferConditionCode [0..1]
lowenshipPriorToPayment :OwershipTransferConditionCode [0..1]
recommendedRetailPrice :Amount [0..1]
traslOrdereQuantity :Quantity [0..1]
freeGoodsQuantity :Quantity [0..1]
freeGoodsQuantity :Quantity [0..1]
extension :extension [0..1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Change: (Complete) 3.1 added association to TransactionalParty named shipTo (WR 09-249)

Change: (Complete) 3.2 added +avplist (WR 14-110)

Change: (Complete) 3.2 added association to ConsignmentReference (WR 13-192)

Change: (Complete) 3.2 added association to ConsignmentReference (WR 13-192)

Change: (Complete) 3.2 added association to LongisticEnvierTypeReference (WR 13-192)

Change: (Complete) 3.2 added association to TransactionalParty named inventoryLocationForm (WR 13-192)

Change: (Complete) 3.2 added association to TransactionalParty named shipFrom (WR 13-192)

Change: (Complete) 3.2 added association to TransactionalParty named shipFrom (WR 13-192)

Change: (Complete) 3.3 added +extension (WR 16-041)

Change: (Complete) 3.3 added -extension (WR 16-041)

Change: (Complete) 3.3 added -extension (WR 16-041)

Change: (Complete) 3.3 added -extension (WR 16-041)

Change: (Complete) 3.3 added -extensinpPriorToPayment (WR 16-055)

Change: (Complete) 3.3 added -extensinpPriorToPayment (WR 16-051)

Change: (Complete) 3.3 added association to Administrativeluni (WR 16-034)

Change: (Complete) 3.3 added association to Administrativeluni (WR 16-034)

Change: (Complete) 3.3 added association to Contact named -invoicelnetemContact (WR 16-060, 061, 062, 073)

Change: (Complete) 3.3 added association to Contact named -invoicelnetemContact (WR 16-060, 061, 062, 073)

Change: (Complete) 3.3 added association to Contact named -invoicelnetemContact (WR 16-060, 061, 062, 073)

Change: (Complete) 3.3 added association to CommentReference mamed -tradeAgreement (WR 16-051)

Change: (Complete) 3.3 added association to CommentReference mamed -tradeAgreement (WR 16-051)

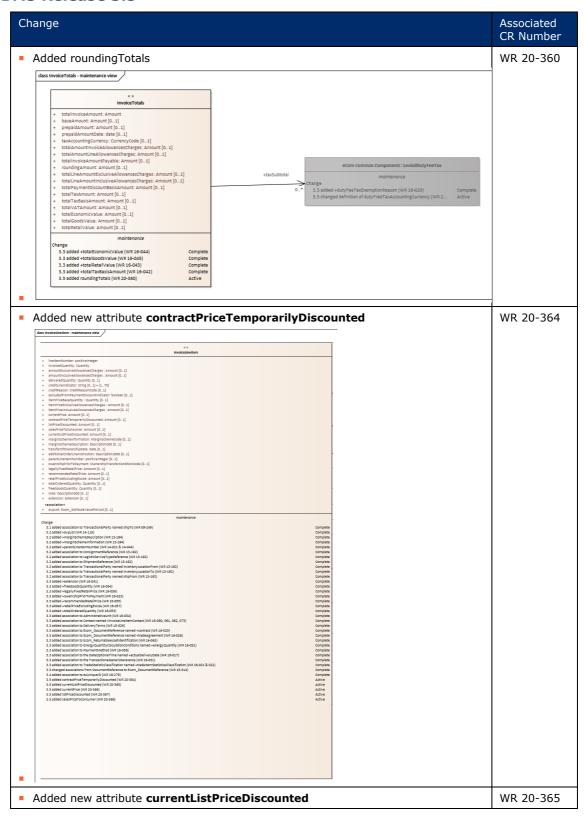
Change: (Complete) 3.3 added association to Example Membra (WR 16-031)

Change: (Complete) 3.3 added association to Example Membra (WR 16-031)

Change: (Complet
                                                     maintenance
Change: (New) 3.4 new class (WR 18-279)
```



7.6 BMS Release 3.5





nange			Associate CR Numb				
class InvoiceLineItem - maintenance view							
Invoicatinetters + EnetternNumber: positivernager							
in inconstituting Country in monotoclosure (Country) in monotoclosure (Coun	Gampine Complete Complete Complete Complete Complete Complete Complete Complete						
1.3 added securition to Department reference (Not 19-181) 2.1 added securition to Department reference (Not 19-181) 2.1 added securition to Prantactionality in securities (Not 19-181) 2.1 added securities (Not 19-181) 2.2 added securities (Not 19-181) 2.3 added securities to Common securities (Not 19-181) 2.3 added securities to Express (Not 19-181) 2.3 added securities to the Common securities (Not 19-181) 2.3 added securities to the Common securities (Not 19-181) 2.3 added securities to the Common securities (Not 19-181) 2.3 added securities to Not 19-181 (Not 19-181) 2.3 added securities (Not 19-181) 2.3 added secur	Complete Com						
Added new attribute currentPrice			WR 20-36				



		CR Num
sss InvoiceLineItem - maintenance view		
« » Invoicetineitem		
+ lineItemNumber: positiveInteger		
+ invoicedQuantity: Quantity		
+ amountExclusiveAllowancesCharges : Amount [01] + amountInclusiveAllowancesCharges : Amount [01]		
+ amountincusiveAnowancescharges : Amount [01] + deliveredQuantity: Quantity [01]		
+ creditineIndicator: string [01] = {170}		
+ creditReason: CreditReasonCode [01]		
+ excludedFromPaymentDiscountindicator: boolean [01] + itemPriceBaseQuantity : Quantity [01]		
+ itemPriceExclusiveAllowancesCharges : Amount [01]		
+ itemPriceInclusiveAllowancesCharges : Amount [01]		
+ currentPrice: Amount [01] + contractPriceTemporarilyDiscounted: Amount [01]		
+ contractPriceTemporarilyDiscounted: Amount [01] + listPriceDiscounted: Amount [01]		
+ salesPriceToConsumer: Amount [01]		
+ currentListPriceDiscounted: Amount [01]		
+ marginSchemeInformation: MarginSchemeCode [01] + marginSchemeDescription: Description200 [01]		
+ marginschemeDescription: Description200 [01] + transferOfOwnershipDate: date [01]		
+ additionalOrderLineInstruction: Description1000 [01]	-	
+ parentLineItemNumber: positiveInteger [01]		
+ owenrshipPriorToPayment: OwnershipTransferConditionCode [01] + legally FixedRetailPrice: Amount [01]		
+ recommendedRetailPrice: Amount [01] + recommendedRetailPrice: Amount [01]		
+ retailPriceExcludingExcise: Amount [01]		
+ totalOrderedQuantity: Quantity [01]		
+ freeGoodsQuantity: Quantity [01] + note: Description500 [01]		
+ extension: extension [01]		
«association»		
+ avpList: Ecom_AttributeValuePairList [01]		
3. a doded -marginischemeinformation (WR 13-194) 3. a doded -parentitinetternischemeinformation (WR 13-194) 3. a doded -parentitinetternischemein (WR 13-194) 3. a doded -parentitinetternischemein (WR 13-194) 3. a doded -parentitinetternischemein (WR 13-192) 3. a doded -parentitinetternischemein (WR 13-192) 3. a doded -parentitinetternischemein (WR 13-192) 3. a doded -parentischemein (WR 13-192)	Complete	
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3.3 added association to Ecom_ReturnableAssetidentification (WR 16-063) 3.3 added association to Energy Quantity Calculation Conditions named +energy Quantity (WR 16-051)	Complete Complete	
3.3 added association to PaymentMethod (WR 16-058)	Complete	
3.3 added association to the DateOptionalTime named +actualDeliveryDate (WR 16-017)	Complete	
3.3 added association to the TransactionalGenericRererence (WR 16-031) 3.3 added association to TradeStatisticclassification named +tradeItemStatisticalClassification (WR 16-021 & 022)	Complete Complete	
3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314)	Complete	
3.4 added association to euUniqueID (WR 18-279)	Complete	
3.5 added contractPriceTemporarilyDiscounted (WR 20-364) 3.5 added currentListPriceDiscounted (WR 20-365)	Active Active	
3.5 added currentustrince (WR 20-365) 3.5 added currentPrice (WR 20-366)	Active	
3.5 added listPriceDiscounted (WR 20-367)	Active	
3.5 added salesPriceToConsumer (WR 20-368)	Active	
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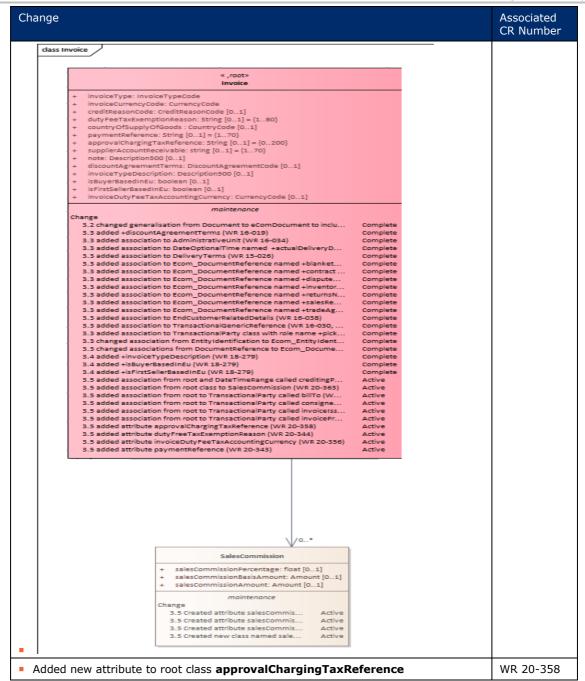


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Added new attribute salesPriceToCustomer		WR 20-36



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+ salesPriceToConsumer: Amount [0, 1] + currentListPriceDiscounted: Amount [0, 1]	
+ marginSchemeInformation: MarginSchemeCode [01] + marginSchemeDescription: Description.200 [01]	
+ transferOfOwnershipDate: date [01] + additionalOrderLineInstruction: Description1000 [01]	
+ parentLineItemNumber; positiveInteger [01] + owenrshipPrior/ToPayment: OwnershipTransferConditionCode [01]	
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3.2 added +avgits (WR 14-140) Complete 3.2 added +marginSchemeDescription (WR 13-194) Complete 3.2 added -marginSchemeInformation (WR 13-194) Complete	
3.2 added + parentLineItemNumber (VNR 14-021 & 14-044) Complete 3.2 added association to ConsignmentReference (VNR 13-192) Complete	
3.2 added association to LogisticServiceTypeReference (WR 13-192) Complete 3.2 added association to ShipmentReference (WR 13-192) Complete	
3.2 added association to Transactional Party named inventory Location From (WR 13-192) 3.2 added association to Transactional Party named inventory Location To (WR 13-192) Complete	
3.2 added association to Transactional Party named ship From (WR 13-192) 3.3 added + extension (WR 16-041) 3.3 added + extension (WR 16-041) Complete 3.3 added + freeSoods Cluantiv (WR 16-054) Complete	
3.3 added -freeSoodsQuantity (WR 14-054) 3.3 added -legally ixedRetailPrice (WR 16-056) 3.3 added -legally ixedRetailPrice (WR 16-023) Complete 3.3 added -ovenenthipPriorToPayment (WR 16-023)	
3.3 added +recommendedRetalPrice [WR 16-055] 3.3 added +retalPriceExcludingExcise [WR 16-057] Complete	
3.3 added +totalOrderedQuantity (WR 16-033) Complete 3.3 added association to AdministrativeUnit (WR 16-034) Complete	
3.3 added association to Contact named -invoiceLineItemContact (WR 16-060, 061, 062, 073) Complete 3.3 added association to DeliveryTerms (WR 15-026) Complete	
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Added new class SalesCommission	WR 20-363
Added new class SalesCommission Added new association from root class to SalesCommission	VVIX 20 303
Added new attribute salesCommissionPercentage Added new attribute salesCommissionPercentage	
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ass Invoice		
« ,root»		
Invoice		
+ invoiceType: InvoiceTypeCode		
+ invoiceCurrencyCode: CurrencyCode		
+ creditReasonCode: CreditReasonCode [01]		
+ dutyFeeTaxExemptionReason: String [01] = {180}		
+ countryOfSupplyOfGoods : CountryCode [01]		
+ paymentReference: String [01] = {170}		
+ approvalChargingTaxReference: String [01] = {0200}		
+ supplierAccountReceivable: string [01] = {170}		
+ note: Description500 [01]		
+ discountAgreementTerms: DiscountAgreementCode [01]		
+ invoiceTypeDescription: Description500 [01]		1
+ isBuyerBasedInEu: boolean [01]		
+ isFirstSellerBasedInEu: boolean [01]		
+ invoiceDutyFeeTaxAccountingCurrency: CurrencyCode [01]		
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3.3 added association to Ecom_DocumentReference named +blanket	Complete	
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3.3 added association to Ecom DocumentReference named +dispute	Complete	
3.3 added association to Ecom_DocumentReference named +inventor	Complete	
3.3 added association to Ecom_DocumentReference named +returnsN	Complete	
3.3 added association to Ecom_DocumentReference named +salesRe	Complete	
3.3 added association to Ecom_DocumentReference named +tradeAg	Complete	
3.3 added association to EndCustomerRelatedDetalis (WR 16-038)	Complete	
3.3 added association to Transactional Generic Reference (WR 16-030,	Complete	
3.3 added association to Transactional Party class with role name +pick	Complete	
3.3 changed association from Entity Identification to Ecom_Entity Ident	Complete	
3.3 changed associations from DocumentReference to Ecom_Docume	Complete	
3.4 added +invoiceTypeDescription (WR 18-279)	Complete	
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3.5 added association from root and DateTimeRange called creditingP 3.5 added association from root class to SalesCommission (WR 20-363)	Active Active	
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3.5 added association from root to Transactional Party called invoicePr	Active	
3.5 added attribute approvalChargingTaxReference (WR 20-358)	Active	
3.5 added attribute duty FreeTaxExemptionReason (WR 20-344)	Active	
3.5 added attribute invoiceDutyFeeTaxAccountingCurrency (WR 20-356)	Active	
3.5 added attribute paymentReference (WR 20-343)	Active	
		
ded new attribute dutyFreeTaxExemptionReasor		l WR 2



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Invoice		
« ,root» Invoice		
+ invoiceType: InvoiceTypeCode		
+ invoiceCurrencyCode: CurrencyCode		
+ creditReasonCode: CreditReasonCode [01]		
+ dutyFeeTaxExemptionReason: String [01] = {180}		
+ countryOfSupplyOfGoods : CountryCode [01]		
+ paymentReference: String [01] = {170}		
+ approvalChargingTaxReference: String [01] = {0200}		
+ supplierAccountReceivable: string [01] = {170}		
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+ discountAgreementTerms: DiscountAgreementCode [01] + invoiceTypeDescription: Description500 [01]		
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3.2 changed generalisation from Document to eComDocument to inclu	Complete	
3.3 added +discountAgreementTerms (WR 16-019)	Complete	
3.3 added association to AdministrativeUnit (WR 16-034)	Complete	
3.3 added association to DateOptionalTime named +actualDeliveryD	Complete	
3.3 added association to DeliveryTerms (WR 15-026)	Complete	
3.3 added association to Ecom_DocumentReference named +blanket	Complete	
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3.3 added association to EndCustomerRelatedDetalis (WR 16-038)	Complete	
3.3 added association to Transactional Generic Reference (WR 16-030,	Complete	
3.3 added association to Transactional Party class with role name +pick	Complete	
3.3 changed association from Entity Identification to Ecom_Entity Ident	Complete	
3.3 changed associations from DocumentReference to Ecom_Docume	Complete	
3.4 added +invoiceTypeDescription (WR 18-279)	Complete	
3.4 added +isBuyerBasedInEu (WR 18-279)	Complete	
3.4 added +isFirstSellerBasedInEu (WR 18-279)	Complete	
3.5 added association from root and DateTimeRange called creditingP	Active	
3.5 added association from root class to SalesCommission (WR 20-363)	Active	
3.5 added association from root to Transactional Party called bill To (W	Active	
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3.5 added association from root to Transactional Party called invoice Pr	Active	
3.5 added attribute approvalChargingTaxReference (WR 20-358)	Active	
3.5 added attribute duty FreeTaxExemptionReason (WR 20-344)	Active	
3.5 added attribute invoiceDutyFeeTaxAccountingCurrency (WR 20-356)	Active	
3.5 added attribute paymentReference (WR 20-343)	Active	
		
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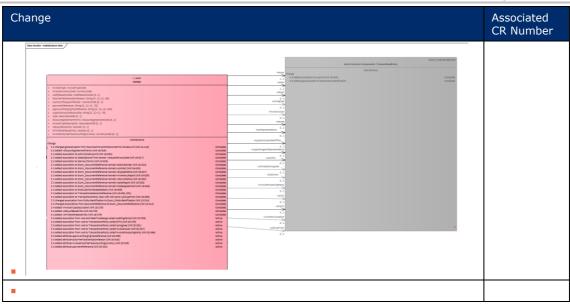


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	+	invoiceType: InvoiceTypeCode			
	+	invoiceCurrencyCode: CurrencyCode			
	+	creditReasonCode: CreditReasonCode [01] dutyFeeTaxExemptionReason: String [01] = {180}			
	+	countryOfSupplyOfGoods : CountryCode [01]			
	+	paymentReference: String [01] = {170}			
	+	approvalChargingTaxReference: String [01] = {0200}			
	+	supplierAccountReceivable: string [01] = {170}			
	+	note: Description500 [01] discountAgreementTerms: DiscountAgreementCode [01]			
	1	invoiceTypeDescription: Description500 [01]			
	+	isBuyerBasedInEu: boolean [01]			
	+	isFirstSellerBasedInEu: boolean [01]			
	+	invoiceDutyFeeTaxAccountingCurrency: CurrencyCode [01]			
	Į.	maintenance			
		ange			
		3.2 changed generalisation from Document to eComDocument to inclu 3.3 added +discountAgreementTerms (WR 16-019)	Complete		
	,	3.3 added 403coolidagreement emis (WK 10-019) 3.3 added association to Administrative Unit (WR 16-034)	Complete		
		3.3 added association to DateOptionalTime named +actualDeliveryD	Complete		
		3.3 added association to DeliveryTerms (WR 15-026)	Complete		
		3.3 added association to Ecom_DocumentReference named +blanket	Complete		
		3.3 added association to Ecom_DocumentReference named +contract	Complete		
		3.3 added association to Ecom_DocumentReference named +dispute 3.3 added association to Ecom_DocumentReference named +inventor	Complete		
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		3.3 added association to Ecom_DocumentReference named +salesRe	Complete		
	1	3.3 added association to Ecom_DocumentReference named +tradeAg	Complete		
		3.3 added association to EndCustomerRelatedDetalis (WR 16-038)	Complete		
		3.3 added association to Transactional Generic Reference (WR 16-030,	Complete		
		 3.3 added association to Transactional Party class with role name +pick 3.3 changed association from Entity Identification to Ecom Entity Ident 	Complete Complete		
	1	3.3 changed associations from DocumentReference to Ecom_Docume	Complete		
		3.4 added +invoiceTypeDescription (WR 18-279)	Complete		
	-	3.4 added +isBuyerBasedInEu (WR 18-279)	Complete		
		3.4 added +isFirstSellerBasedInEu (WR 18-279)	Complete		
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		ew association from root to TransactionalParty		IIAOICE122AEL	
		ew association from root to TransactionalParty ProcessingParty	called		WR 20-366
Ado	ded n	ew association from root to TransactionalParty	called I	billTo	WR 20-376





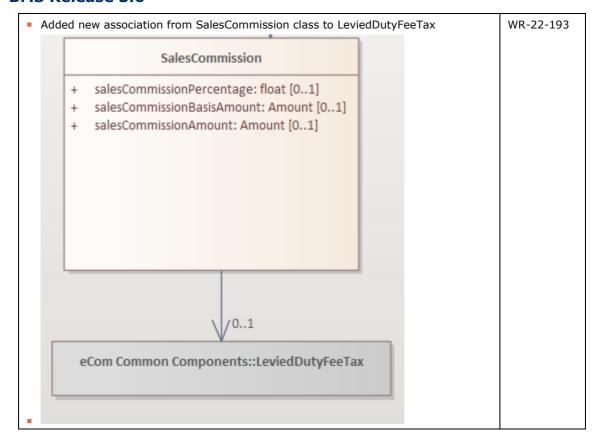
7.7 BMS Release 3.5.1

No work requests.

Errata fix : approvalChargingTaxReference attribute min/max length changed from 0..200 to 1..200 as an Editorial change.

Indirect changes due to upgrade to new Shared and eCom Common libraries.

7.8 BMS Release **3.6**





8 Appendices

Not Applicable

9 Acknowledgements

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