Business Message Standard (BMS) Invoice

BMS Release: 2.5.0, BRG Name: eCom

Issue 0.6.2, 06- Feb -2009

Document Summary

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Document Title	Business Message Standard (BMS)
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Change Request Reference

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20 – Aug – 2008	John Ryu, GS1	08-000209
13 - Mar - 2008	Troy Denyer, GS1 Australia	08-000049
05 - Dec - 2007	Corinne Narbaïts-Jauréguy, GS1 France	07-000449
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05 - Dec - 2007	Corinne Narbaïts-Jauréguy, GS1 France	07-000439
21- Jun - 2007	John Ryu, GS1 Global Office	07-000243
29- May- 2007	Rob Heather, GS1 UK	07-000222
18 -Dec -2006	Rob Heather, GS1 UK	06-000337
18- Nov -2006	Andy Kim, GS1 Australia	06-000300
18- Nov- 2006	Andy Kim, GS1 Australia	06-000301
19- Nov- 2006	Andy Kim, GS1 Australia	06-000302
03- Apr- 2006	Ben Holland- Accenture	06-000084

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15- Dec -2004	Upstream, GS1	04-000229

Business Requirements Document (BRAD) Reference

BRAD Title:	BRAD 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

Document Change History

Date of Change	Version	Changed By	Reason for Change	Summary of Change	Model Build #
10- Feb- 2005	0.1.0	John Ryu	Initial Version in BMS/BSD template	Migration of BRD to standard BMS/BSD format	5724
31- Mar- 2005	0.1.1	Andrew Hearn	Context Update	Updated the context listed within the document	
05 –Apr- 2005	0.0.1	Marco Schuyt	First Draft	New invoice based on Simple Invoice and Request for Payment	
03 -Jun- 20005	0.2.0	Marco Schuyt	Second Draft	Second draft of the new invoice, based on the Simple Invoice.	
15- Jun- 2005	0.2.1	Marco Schuyt	Content update	Content updated on basis of comments of BRG Pay as explained in the consolidated comment sheet.	
30- Jun- 2005	0.2.2	Marco Schuyt	Public review, peer review		
11-Jul -2005	0.2.3	Marco Schuyt	Clarification of 3rd party usage in the invoice.	Class diagram updated with Payee. Use case descriptions and diagram updated with 3rd party clarification.	
27- Jul- 2005	0.2.4	John Ryu	Peer Review	Added Float datatype in the InvoiceTotals class. Updated Official Dictionary Entry Name in GDD to reflect the Float datatype Updated code list to remove any nonalphanumeric character. SELF-BILLED_INVOICE changed to SELF_BILLED_INVOICE Updated the Business Document Example add currency into the invoiceAllowanceChargeAmount Change ranferOfOwnerShipDate-→transferOfOwnershipDate	MDL P4CL: 7189 BSD P4CL: 7191

Date of Change	Version	Changed By	Reason for Change	Summary of Change	Model Build #
18 –Aug-2005	0.2.5	John Ryu	BuildMaster incorporation and template enformcement.	For consistency replaced Amount Datatype to Float in class diagram (InvoiceLineItemInformationAfterTaxes, InvoiceAllowanceCharge) and updated sample data to reflect this. Updated GDD. Updated class diagram per Modelling Best Practice renamed elements. FROM: VatTaxInform.. TO: VATTaxInformation FROM: EuInvoiceParty TO: EUInvoiceParty Reformatted per BMS/BSD template.	Build MDL P4CL: 7316 BSD P4CL: 7317
03- Oct-2005	0.3.0	Coen Janssen	Technical Public Review – Upstream Standards	Several functional changes, see paragraph 1.10. Also adjusted the examples.	
10- Oct-2005	0.3.1	John Ryu	Incorporate Main Harmonized Model	See paragraph 1.10 for changes.	BSD P4CL: 7542
06- Feb-2006	0.3.2	Coen Janssen	Bugfix on 2.1	See paragraph 1.10 for changes	BSD P4CL: 8022
13- Jun-2006	0.3.3	Mark Van Eeghem	Additional CR06-000084	Added taxAccountingCurrency for invoicetotals and taxinformation	P4CL BSD 8909 P4CL MDL 8487
08- Feb-2007	0.4.0	John Ryu	Updated BMS into template version 1.6 CR 06-300/1/2 and 06-337	Changes noted in section 10. Summary of Changes	MDL P4CL: 9067 BSD P4CL: 9070
23- Mar-2007	0.4.1	John Ryu	Update based on peer review eCom BRG Motioned BSD for TSD development	Changes noted in section 10 Summary of Changes.	BSD P4CL: 9130
12- Apr-2007	0.4.2	John Ryu	Post for Public Review	Updated to BMS template Version 1.8	BSD P4CL: 9225
25- May-2007	0.4.3	John Ryu	eCom BRG eBallot approved	Updated BMS to approved	BSD p4cl: 9460
21- Jun-2007	0.5.0	John Ryu	Initial Draft	Based on powerpoint discussion on 20070614 Invoice Work Group Teleconference Changes detailed in Summary of Changes	BSD P4CL: 9538 MDL P4CL: 9531
02- Jul- 2007	0.5.1	John Ryu	Peer Review updates IWG motion for TSD Development on 20070628 Teleconference	Changes detailed in Summary of Changes	BSD P4CL: 9583

Date of Change	Version	Changed By	Reason for Change	Summary of Change	Model Build #
30 –Aug- 2007	0.5.2	John Ryu	Incorporate Public Review	Noted in Summary of Change	BSD P4CL: 9880
18- Sep- 2007	0.5.3	John Ryu	Invoice Work Group eBallot Approved	Updated BMS to approved	BSD P4CL: 10028
23- Sep- 2008	0.6.0	John Ryu	BMS Release 2.5.0	Noted in Summary of Change	MDL P4CL: 10557
4- Nov-2008	0.6.1	John Ryu	Public Review / Pilot Phase Resolution	Noted in Summary of Change	BSD 10789
1-Dec-2008	0.6.2	John Ryu	Final Public Review Pilot	Noted in Summary of Changes	
6-Feb-2009	Issue0.6.2	John Ryu	BMS Release 2.5.0 eBallot Approved	Noted in Summary of Changes	

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Table of Contents

1. Business Domain View

1.1. Problem Statement / Business Need

The Invoice Message is defined as requesting payment for goods or services under conditions agreed upon between the seller and the buyer. It contains the necessary information needed for payment consisting of parties, items, prices, amounts and quantities.

1.2. Objective

To supply the detail design of the (specific) business transaction needed to meet the requirements of the referenced BRAD(s).

1.3. Audience

The audience of the standards would be any participant in the global supply chain. This would include retailers, manufacturers, service providers, and other third parties

1.4. 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]	BMS Common Library	BMS Version Release 2.3.0
[Ref6]	BMS Common Library	BMS Version Release 2.4.0
[Ref7]	BRAD Invoice Credit Note	BRAD Version 0.0.5
[Ref 8]	BMS Common Library	BMS Version Release 2.5.0

1.5. Acknowledgements

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EANCOM Technical Designer	Not Applicable	
Peer Reviewer	Brian Bennett	GS1 Global Office

2. Business Context

Context Category	Value(s)
Industry	All
Geopolitical	Global
Product	All
Process	Pay
System Capabilities	GS1 System
Official Constraints	European VAT Regulation and Sales Tax Local Country or Regional Regulation and Sales Tax,

3. Additional Technical Requirements Analysis

Not Applicable

4. Business Transaction View

4.1. Business Transaction Use Case Diagram

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.

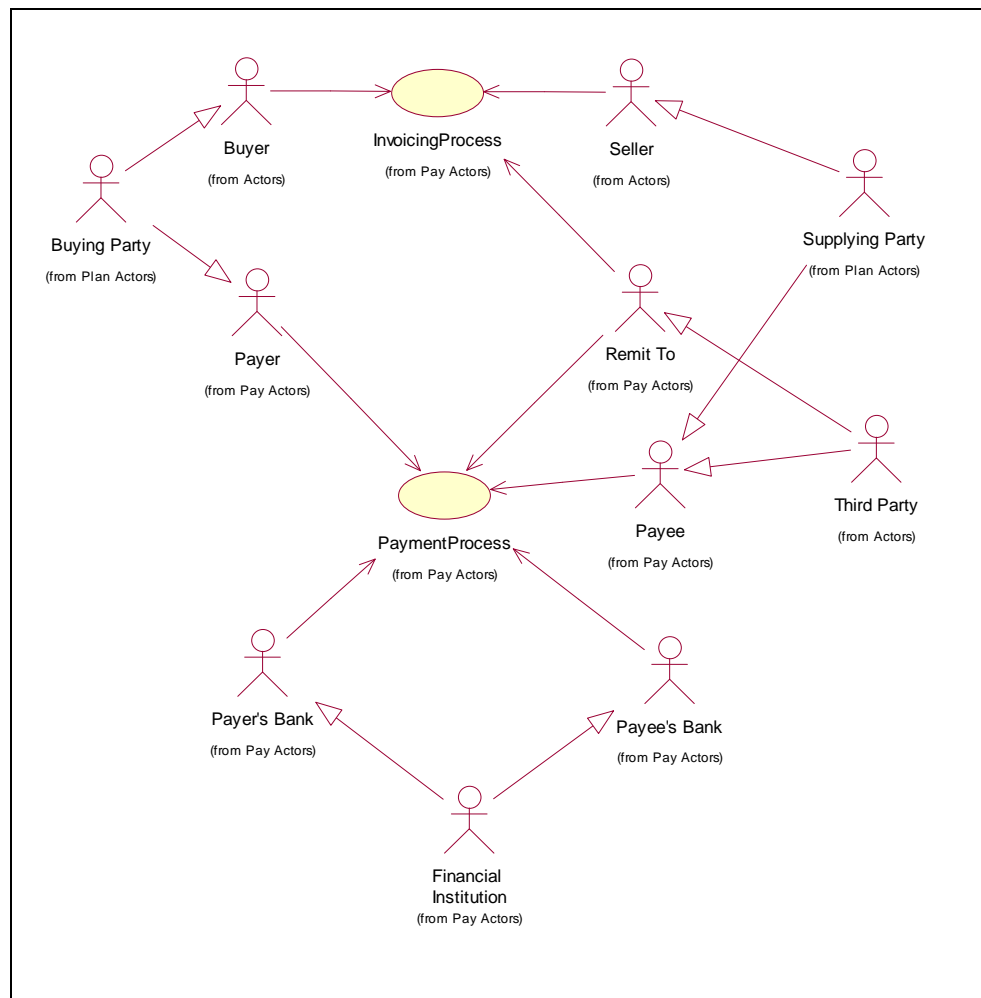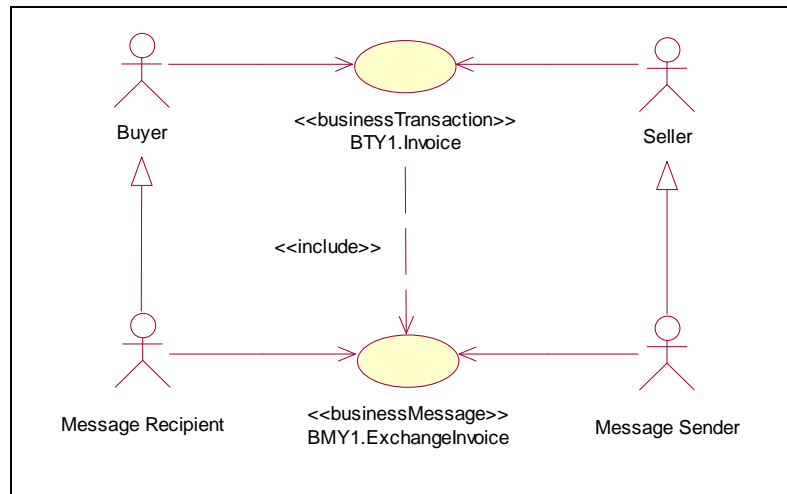- Furthermore there might be a third party involved, such as a factor.

Figure 4-1 Parties and roles in the invoicing and payment processes

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Figure 4-2 Use Case Diagram: Invoice Business Transaction

4.2. Use Case Description

Use Case ID	BMY-1
Use Case Name	Exchange Invoice
Use Case Description	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)	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

	Ends when:
	The buyer and remit-to receives the invoice

Related Requirements	No Related Requirements
Related Rules	No Related Rules
Use Case ID	ICN -1
Use Case Name	Issue Credit 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). **Continues 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.

4.3.   Business Transaction Activity Diagram(s)

No Activity Diagram

4.4.   Business Transaction Sequence Diagram(s)

No Sequence Diagram

5. Information Model

5.1. Invoice

Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Official Dictionary Entry Name	Definition	Multiplicity	Data Type Components	Related Requirements	Facets
DigitalSignature				Digital Signature. Details	When a digital signature is included as part of the invoice, the digital signature must be encrypted using an approved GS1 encryption technique.				
Invoice				Invoice. Details	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.				
	countryOfSupplyOfGoods			Invoice. Country Of Supply Of Goods. ISO3166_1_ Code	The country from which the delivery has taken place.	0..1	Code. Content	[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-8}	Facets constrained by code list values
	creditReason			Invoice.Credit Reason.Credit Reason Code List_ Code	Reason why the credit was issued.	0..1	Code. Content		
	invoiceCurrency			Invoice. Invoice Currency. ISO4217_ Code	The monetary unit used for calculation in an invoice.	1..1	Code. Content	[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-4}	Facets constrained by code list values
	invoiceType			Invoice. Invoice Type. InvoiceTypeCodeList _ Code	Code specifying the type of invoice.	1..1	Code. Content	[BRAD Upstream Standards – Financial	Facets constrained by code list values

Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Official Dictionary Entry Name	Definition	Multiplicity	Data Type Components	Related Requirements	Facets
								Settlement 0.1.0] {7.1.1-3}	
	supplierAccountReceivable			Invoice.Supplier Account Receivable.Text	Reference number assigned by accounts receivable department to the account of a specific debtor.	0..1	Text. Content	CR 7-441	Minlenght= 1 Maxlength= 70
		taxCurrencyInformation	CurrencyExchangeRateInformation	Invoice. Tax Currency Information. Currency Exchange Rate Information	Contains the currency in which taxes will be paid, as well as the exchange rate against the invoice currency.	0..*		[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-9+10}	
			DigitalSignature	Invoice. Association. Digital Signature	A character string, generated using an asymmetric technique, which provides message non-repudiation, integrity checking and authentication.	0..1		[BRD Simple Invoice Extension] {1.1-1}	
			Document	Invoice. Inheritance_ Association. Electronic_ Document	Used to specify basic information about the content of the message including version number; creation date and time.	1..1		[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-2+11}	
		deliveryNote	DocumentReference	Invoice. Delivery Note. Document Reference	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.	0..1			
		despatchAdvice	DocumentReference	Invoice. Desptach Advice. Document Reference	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.	0..10			
		invoice	DocumentReference	Invoice. Association. Document Reference	Reference to the original invoice which is an itemized statement of money owed for goods shipped or services rendered.	0..1			
		manifest	DocumentReference	Invoice. Manifest. Document Reference	Reference number assigned to a list of goods to be transferred (freight list).	0..1		CR 7-441	
		orderIdentification	DocumentReference	Invoice. Order Identification. Document Reference	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.	0..1			

Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Official Dictionary Entry Name	Definition	Multiplicity	Data Type Components	Related Requirements	Facets
		orderResponse	DocumentReference	Invoice. Order Response. Document Reference	Reference to the order response which is a commercial document issued by a seller to inform the buyer regarding the response to the order.	0..1			
		priceList	DocumentReference	Invoice. Price List. Document Reference	Reference Number assigned to a price list.	0..1		CR 7-441	
		promotional Deal	DocumentReference	Invoice. Promotional Deal. Document Reference	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.	0..*			
		receivingAdvice	DocumentReference	Invoice. Receiving Advice. Document Reference	Reference to the commercial document related to the goods receipt, and it is used to report the physical receipt of goods.	0..1			
		invoiceIdentification	EntityIdentification	Invoice. Invoice Identification. Entity Identification	Contains the unique identifier of the business document.	1..1		[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-1}	
			InvoiceAllowanceCharge	Invoice. Association. Invoice Allowance Charge	The allowances and/or charges applicable to the invoice.	0..*		[BRD Simple Invoice Extension] {1.1-1}	
			InvoiceLineItem	Invoice. Association. Invoice Line Item	Contains the specification of the Invoice Line Item.	1..*		[BRD Simple Invoice Extension] {1.1-1}	
		buyer	InvoiceParty	Invoice. Buyer. Invoice Party	Party to whom merchandise and/or service is sold.	1..1		[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-12+13+14+16}	
		payee	InvoiceParty	Invoice. Payee. Invoice Party	Identifies the credit party when other than the beneficiary.	0..1		[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-30+31+32+34}	
		payer	InvoiceParty	Invoice. Payer. Invoice Party	Party initiating payment.	0..1		[BRAD Upstream Standards –	

Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Official Dictionary Entry Name	Definition	Multiplicity	Data Type Components	Related Requirements	Facets
								Financial Settlement 0.1.0] {7.1.1-24+25+26+28}	
		remitTo	InvoiceParty	Invoice. Remit To. Invoice Party	The party (account owner) that receives a payment when such party is not the same as the seller.	0..1		[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-24+25+26+28}	
		seller	InvoiceParty	Invoice. Seller. Invoice Party	Party selling merchandise to a buyer.	1..1		[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-18+19+20+22}	
		supplierAgentRepresentative	InvoiceParty	Invoice. Supplier Agent Representative. Invoice Party	The seller's agent representative is the party representing the seller or supplier for the purpose of the trade transaction.	0..1		CR 7-440	
		supplierCorporateOffice	InvoiceParty	Invoice. Supplier Corporate Office. Invoice Party	Identity of the supplier party to whom all other parties of the same commercial organization are linked.	0..1		CR 7-444	
		taxRepresentative	InvoiceParty	Invoice. Tax Representative. Invoice Party	The party who is responsible for declaring the Value Added Tax (VAT) on the sale of goods or services.	0..1		[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-36+37+38}	
			InvoiceTotals	Invoice. Association. Invoice Totals	The specification of the prepaid amounts, or total monetary values due for the entire invoice.	1..1		[BRD Simple Invoice Extension] {1.1-1}	
		shipTo	PartyIdentification	Invoice. Ship To. Party Identification	Party to where goods will be or have been shipped.	0..1		CR 8-209	
			PaymentTerms	Invoice. Association. Payment Terms	The specification of the payment terms applicable to this invoice.	0..*		[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-7+40+41+42}	
		corporateOffi	RegisteredC	Invoice. Corporate	Provides the registered capital details for the	0..1		CR 7-448	

Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Official Dictionary Entry Name	Definition	Multiplicity	Data Type Components	Related Requirements	Facets
		ceRegisteredCapital	apital	Office Registered Capital. Registered Capital. Details	corporate office.				
		sellerRegisteredCapital	RegisteredCapital	Invoice. Seller Registered Capital. Registered Capital. Details	Provides the registered capital details for the seller.	0..1		CR 7-448	
		shipToLogistics	ShipToLogistics	Invoice. Ship To. Ship To_ Party Group	Party to where goods will be or have been shipped.	0..1		[BRAD Invoice Enhancement V0.0.1]{BR#2} [BRAD Upstream Standards-Financial Settlement 0.1.0]{7.1.1-39}; CR8-209	
		invoicingPeriod	TimePeriodDue	Invoice. Invoicing Period. Time Period	Period for which an invoice is issued.	0..1		[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-5+6}	
InvoiceLineItem				Invoice Line Item. Details	To identify an invoice line item and it's configuration.				
	additionalOrderLineInstructions			Invoice Line Item.Additional Order Line Instructions.{1..1000}_ Text	Contains any additional order line instructions as they appeared in the original Order for this product.	0..1	Language. Identifier Text. Content	CR 8-49	MinLength=1 MaxLength=1000 Field Length Constrained by Code List Values
	amountExclusiveAllowancesCharges			Invoice Line Item. Amount Exclusive Allowances Charges. Float_ Numeric	The sum of the line item amount. Including Invoice line charges and allowances.The line amount = quantity * Price + Charges – Allowances.	0..1	Numeric. Content	[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-59}	No Restrictions
	amountInclusiveAllowancesCharges			Invoice Line Item. Amount Inclusive Allowances Charges.Float_ Numeric	The sum of the line item amount.Excluding Invoice line charges and allowances.The line amount = quantity * Price.	0..1	Numeric. Content	[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-58}	
	creditLineIndicato			Invoice Line	An indicator that allows users to interpret a	0..1	Text. Content		

Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Official Dictionary Entry Name	Definition	Multiplicity	Data Type Components	Related Requirements	Facets
	r			Item.Credit Line Indicator.Text	standard invoice line as being a credit line.				
	creditReason			Invoice Line Item.Credit Reason.Credit Reason Code List_ Code	Reason why the credit was issued.	0..1	Code. Content		
	deliveredQuantity			Invoice Line Item.Delivered Quantity.Quantity	The actual quantity delivered.	0..1	Quantity. Content Quantity Unit. Code Quantity Unit. Code List Agency. Identifier		
	invoicedQuantity			Invoice Line Item. Invoiced Quantity. Quantity	The quantity as per invoice.	1..1	Quantity. Content Quantity Unit. Code Quantity Unit. Code List Agency. Identifier	[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-56+57}	No Restrictions
	itemDescription			Invoice Line Item. Item Description. Language_ Text	A short textual description of the invoiced item. Is legally required in some countries.	0..1	Language. Identifier Language. Locale. Identifier Text. Content	[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-48}	Unbounded
	itemPriceBaseQu antity			Invoice Line Item. Item Price Base Quantity. Quantity	To specify the basis for a unit price.	0..1	Quantity. Content Quantity Unit. Code Quantity Unit. Code List Agency. Identifier	BRAD Upstream Standards – Financial Settlement 0.1.0 {7.1.1-48}	No Restrictions
	itemPriceExclusiv eAllowancesChar ges			Invoice Line Item. Item Price Exclusive Allowances Charges. Float_ Numeric	The price stated is the gross price excluding all allowances, charges and taxes. Allowances and charges must be stated for net calculation purposes.	0..1	Numeric. Content	[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-61}	No Restrictions

Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Official Dictionary Entry Name	Definition	Multiplicity	Data Type Components	Related Requirements	Facets
	itemPriceInclusiveAllowancesCharges			Invoice Line Item. Item Price Inclusive Allowances Charges. Float_ Numeric	The price stated is the net price including all allowances and charges and excluding taxes. Allowances and charges may be stated for information purposes only.	0..1	Numeric. Content	[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-61}	No Restrictions
	transferOfOwnershipDate			Invoice Line Item. Transfer Of Ownership Date. Date_ Date Time	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.	1..1	Date Time. Content	[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-54}	No restrictions
		consumptionReport	DocumentOrDocumentLineReference	Invoice Line Item. Consumption Report. Document Or Document Line Reference	A reference number identifying a consumption report.	0..1		[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-51}	
		despatchAdvice	DocumentOrDocumentLineReference	Invoice Line Item. Despatch Advice. Document Or Document Line Reference	A reference number identifying a despatch advice.	0..1		[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-49}	
		invoice	DocumentOrDocumentLineReference	Invoice Line Item. Invoice. Document Or Document Line Reference	A reference number identifying an invoice.	0..1		[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-49}	
		orderIdentification	DocumentOrDocumentLineReference	Invoice Line Item. Order Identification. Document Or Document Line Reference	Reference number assigned by the buyer to an order.	0..1		[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-52}	
		promotionalDeal	DocumentOrDocumentLineReference	Invoice Line Item. Promotional Deal. Document Or Document Line Reference	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.	0..1			
		purchaseConditions	DocumentOrDocumentLineReference	Invoice Line Item. Purchase Conditions. Document Or Document Line Reference	A reference number identifying the purchase conditions.	0..1		[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-53}	

Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Official Dictionary Entry Name	Definition	Multiplicity	Data Type Components	Related Requirements	Facets
		receivingAdvice	DocumentOrDocumentLineReference	Invoice Line Item. Receiving Advice. Document Or Document Line Reference	A reference number identifying a receiving advice.	0..1		[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-50}	
		invoiceLineAllowanceCharge	InvoiceAllowanceCharge	Invoice Line Item. Invoice Line Allowance Charge. Invoice Allowance Charge	The allowances and/or charges applicable to the invoice line.	0..*		[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-64+65+66+67}	
			InvoiceLineItemInformationAfterTaxes	Invoice Line Item. Association. Invoice Line Item Information After Taxes	This is the invoice line amount including tax.	0..1		[BSD Invoice Version 0.3.2]	
		invoiceLineTaxInformation	InvoiceTaxInformation	Invoice Line Item. Invoice Line Tax Information. Invoice Tax Information	Information about the tax applicable to the invoice line.	0..*		[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-60}	
			LineItem	Invoice Line Item. Inheritance. Line Item	Used to specify basic information about the content of the line item including line item number.	1..1		BRD Simple Invoice Extensions	
		deliveryNote	Reference	Invoice Line Item. Delivery Note. Reference	Reference number assigned by the issuer to a delivery note.	0..1		BRD Simple Invoice Extensions	
		serviceTimePeriodLineLevel	TimePeriodDue	Invoice Line Item. Association. Time Period	Period of time during which a subscription is valid.	0..1		CR 7-446	
			TradeItemIdentification	Invoice Line Item. Association. Trade Item Identification	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.	1..1		[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-47}	
InvoiceLineItemInformationAfterTaxes				Invoice Line Item Information After Taxes. Details	Contains the invoice line amount including tax.				
	amountExclusiveAllowancesCharg			Invoice Line Item Information After	The amount excluding the allowances and/or charges.	0..1	Numeric. Content	[BSD Invoice Version 0.3.2]	No Restrictions

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Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Official Dictionary Entry Name	Definition	Multiplicity	Data Type Components	Related Requirements	Facets
	es			Taxes. Amount Exclusive Allowances Charges. Float_ Numeric					
	amountInclusiveAllowancesCharges			Invoice Line Item Information After Taxes. Amount Inclusive Allowances Charges. Float_ Numeric	The amount including the allowances and/or charges.	0..1	Numeric. Content	[BSD Invoice Version 0.3.2]	No Restrictions
InvoiceTotals				Invoice Totals. Details	The specification of the prepaid amounts, or total monetary values due for the entire invoice.				
	baseAmount			Invoice Totals.Base Amount.Float_ Numeric	Value of the invoice that is subject to discount and / or penalties.	0..1	Numeric. Content		
	prepaidAmount			Invoice Totals.Prepaid Amount.Float_ Numeric	Amount which has been prepaid in advance.	0..1	Numeric. Content	CR 7-447	
	prepaidAmountDate			Invoice Totals.Prepaid Amount Date.Date Time	Date on which the prepaid amount has been paid.	0..1	Date Time. Content Date Time. Format. Text	CR 7-447	
	taxAccountingCurrency			Invoice Totals. Tax Accounting Currency. ISO4217_ Code	The monetary unit used for calculation in an invoice.	0..1	Code. Content	[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-78}	Facets constrained by code list values
	totalAmountInvoiceAllowancesCharges			Invoice Totals. Total Amount Invoice Allowances Charges. Float_ Numeric	The amount specified is the total of all invoice charges/allowances.	0..1	Numeric. Content	[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-76}	No Restrictions
	totalAmountLineAllowancesCharges			Invoice Totals. Total Amount Line Allowances Charges. Float_ Numeric	The amount specified is the total of all invoice line charges/allowances.	0..1	Numeric. Content	[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-77}	No Restrictions
	totalInvoiceAmount			Invoice Totals. Total Invoice Amount.	Total sum charged in respect of a single Invoice in accordance with the terms of delivery.	1..1	Numeric. Content	[BRAD Upstream Standards –	No Restrictions

Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Official Dictionary Entry Name	Definition	Multiplicity	Data Type Components	Related Requirements	Facets
				Float_ Numeric				Financial Settlement 0.1.0] {7.1.1-79}	
	totalInvoiceAmountPayable			Invoice Totals. Total Invoice Amount Payable. Float_ Numeric	Total amount including taxes (gross amount) that needs to be paid.	0..1	Numeric. Content	[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-79}	No Restrictions
	totalLineAmountExclusiveAllowancesCharges			Invoice Totals. Total Line Amount Exclusive Allowances Charges. Float_ Numeric	The sum of all the line item amounts.Excluding Invoice line charges and allowances.The line amount = quantity * Price.	0..1	Numeric. Content	BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-76}	No Restrictions
	totalLineAmountInclusiveAllowancesCharges			Invoice Totals. Total Line Amount Inclusive Allowances Charges. Float_ Numeric	The sum of all the line item amounts. Including Invoice line charges and allowances.The line amount = quantity * Price + Charges – Allowances.	0..1	Numeric. Content	BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-77}	No Restrictions
	totalTaxAmount			Invoice Totals. Total Tax Amount. Float_ Numeric	Total of all duty/tax/fee amounts.	0..1	Numeric. Content	BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-78}	No Restrictions
	totalVATAmount			Invoice Totals.Total VAT Amount.Float_ Numeric	VAT amount payable to the tax department calculating all rates together.	0..1	Numeric. Content	CR 7-439	
		taxSubTotal	InvoiceTaxInformation	Invoice Totals. Tax Subtotal. Invoice Tax Information	The Tax sub total specifies the total tax amounts for each tax rate.	0..*		[BRAD Upstream Standards – Financial Settlement 0.1.0] {7.1.1-73+74+75}	
Registered Capital				Registered Capital. Details	Provides the legal structure and issued captial for invoice purposes.				
	issuedCapital			Registered Capital.Issued Capital.Amount	The amount of the issued capital. The currency is also indicated, e.g. 100 000 euro	0..1	Amount. Content Amount Currency. Code List Version. Identifier	CR 7-448	Facets Constrained By Code List Values

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Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Official Dictionary Entry Name	Definition	Multiplicity	Data Type Components	Related Requirements	Facets
	legalStructure			Registered Capital.Legal Structure.{1..80}_ Text	Indication in clear text of the type of the legal structure of the supplier or his Supplier Corporate Office e.g. limited company, limited liability company, etc. Identity of the supplier party to whom all other parties of the same commercial organization are linked	0..1	Text. Content	CR 7-448	MinLength= 1 MaxLength=80 Facets Constrained By Code List Values

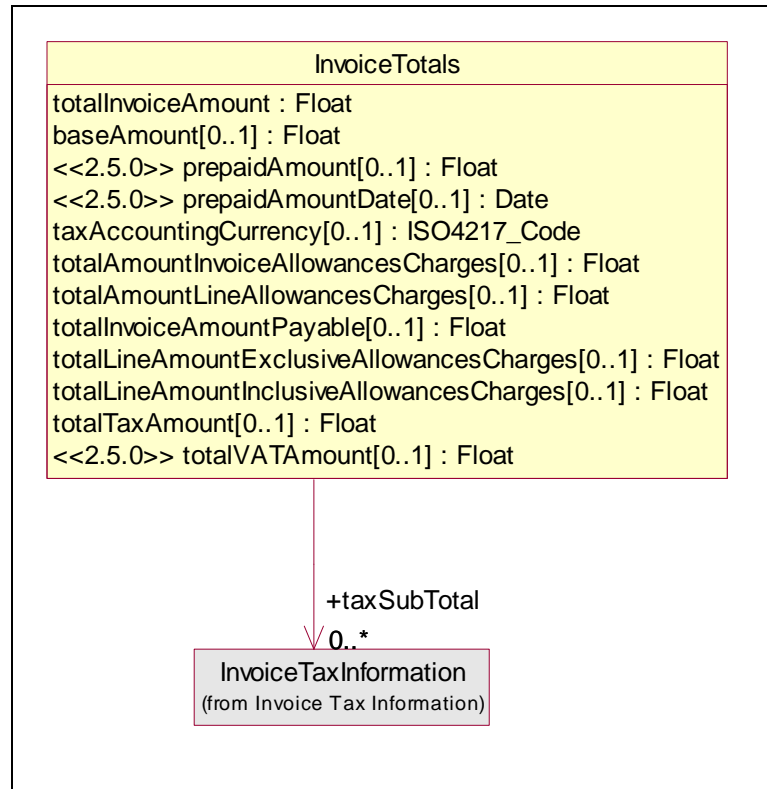### 5.1.1. VAT Invoice Party Extension

Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Official Dictionary Entry Name	Definition	Multiplicity	Data Type Components	Related Requirements	Facets
VATInvoicePartyExtension				Pay_ VAT_ Invoice Party. Details	None				
	vATRegistrationNumber			Pay_ VAT_ Invoice Party. VAT_ Company Registration Number. Text	Unique number assigned by the relevant tax authority to identify a party for use in relation to Value Added Tax (VAT).	0..1	Text. Content		Unbounded

5.1.2. VAT Tax Information Extension

Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Official Dictionary Entry Name	Definition	Multiplicity	Data Type Components	Related Requirements	Facets
VATTaxInformationExtension				Pay_ VAT_ Invoice Tax Information. Details	None				
	rate			Pay_ VAT_ Invoice Tax Information. Rate. Float_ Numeric	The actual rate of tax/duty.	1..1	Numeric. Content		No Restrictions
	vATCategory			Pay_ VAT_ Invoice Tax Information. VAT_ Category. Code	Code specifying a duty or tax or fee category	1..1	Code. Content Code List. Agency. Identifier Code List. Agency Name. Text		Facets constrained by code list values
	vATDue			Pay_ VAT_ Invoice Tax	Provides the criteria	0..1	Code. Content	CR 7-442	

Class (ABIE)	Attribute (BBIE)	Association (ASBIE)	Secondary Class	Official Dictionary Entry Name	Definition	Multiplicity	Data Type Components	Related Requirements	Facets
				Information.vATDue.VATPaymentDueCodeList_ Code	when the VAT is due.				

5.2. Class Diagrams

5.2.1. Class Diagram Invoice

Figure 5-1 Class Diagram Invoice
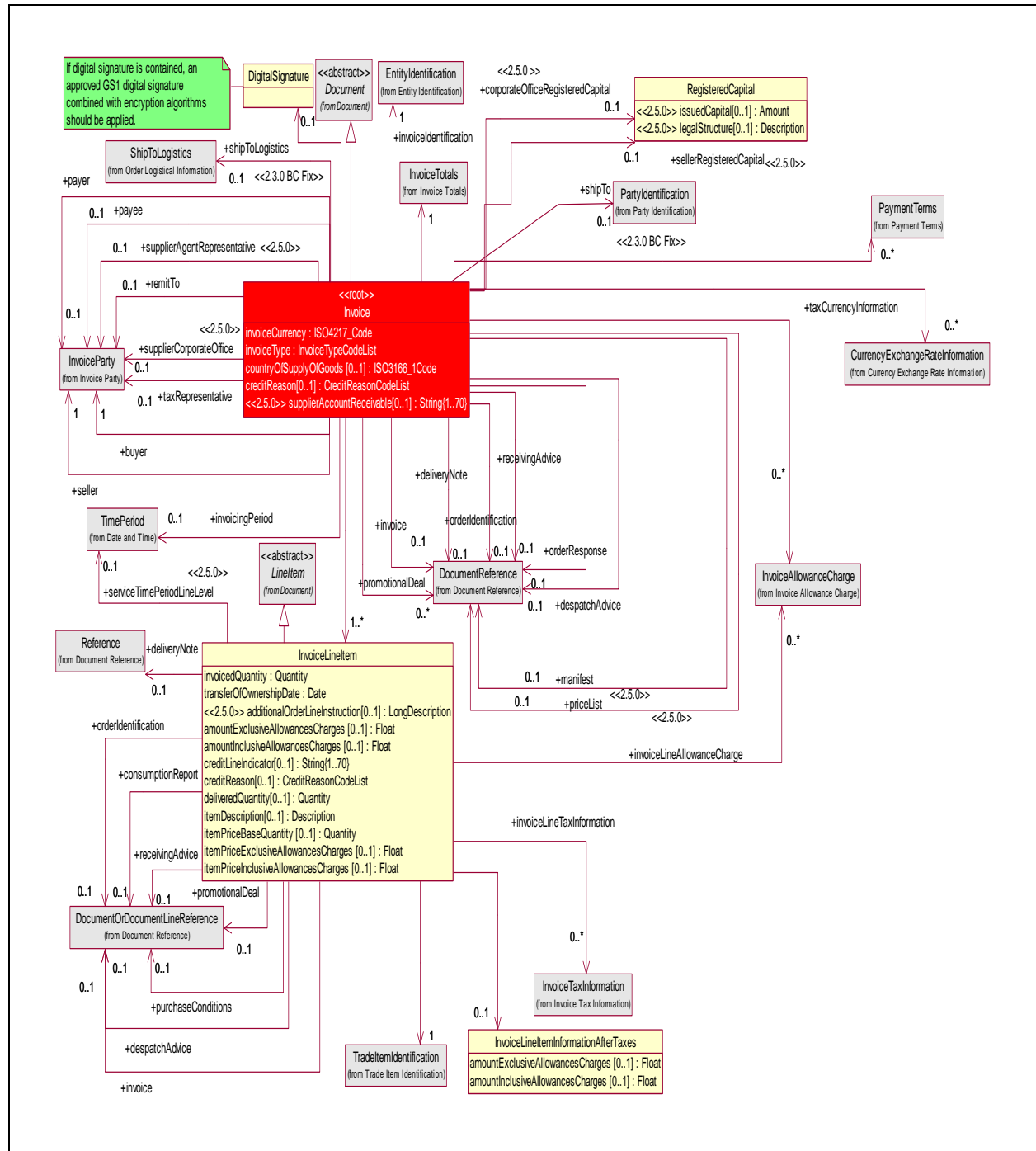
5.2.2. Class Diagram Invoice Totals

Figure 5-2 Class Diagram Invoice Totals

5.2.3. Class Diagram VAT Invoice Party Extension

Figure 5-3 Class Diagram VAT Invoice Party Extension
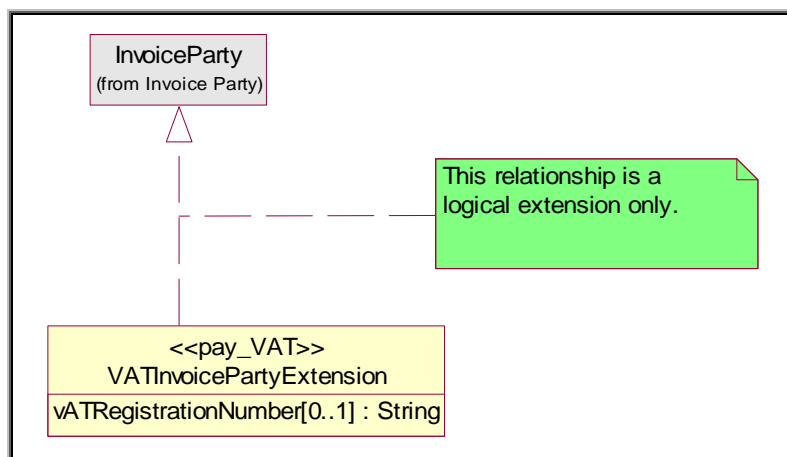
5.2.4. Class Diagram VAT Tax Information Extension

Figure 5-4 Class Diagram VAT Tax Information Extension
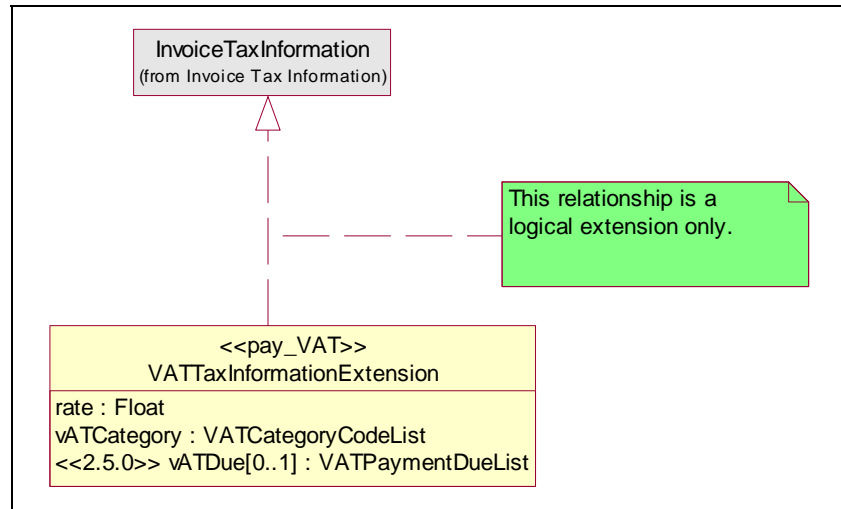
> **Note:** Reference Common Library Business Message (BMS) Release 2.5.0 for all common information.

5.3. Code Lists

> **Note:** Reference Common Library Business Message Release 2.5.0 for all Code Lists

6. Business Document Example

6.1. Invoice

- The following is an example of an invoice message. The message is sent out on April 5th at 11 AM. The message is identified with the unique identifier 2005001.

- The invoice is sent by the seller (8712345678913) to the buyer (8812345678903).

- The invoice consists of 2 Items 08712345678906 and 08712345678883. Both are subject to 19% VAT.

The ship to Non Commercial Information

GS1 Global Trade Item Number	Quantity	Consumer information	Delivery Date
00074562000525	2	Carol Johnson 1600 Pennsylvania Avenue Pembroke Pines FL 33028 US Telephone Number: 123.456.7890	2005-02-04

6.2. Invoice Credit Note

- The following is an example of an invoice message used as a credit note. The message is sent out on June 22, 2007 at 11:20 AM. The message is identified with the unique identifier CN3391.

- The invoice currency is Euros

- The credit note is sent by the seller (8712345678913) to the buyer (8812345678903).

- The credit note refers order PO33 created on February 19 2007.

- The credit note refers to Invoice INV13 created on March 3, 2007.

- The reason why the credit note has been raised is that the goods were damaged

7. Implementation Considerations

Not Applicable

8. Testing

8.1. Pass / Fail Criteria

No.	Test Criteria	Related Requirement	Design Element	Pass Criteria	Fail Criteria
1	None				

8.2. Test Data

8.2.1. Invoice Test Data

Invoice	
- creationDateTime	2005-06-27T11:00:00
- documentStatus	ORIGINAL
- invoiceType	INVOICE
- invoiceCurrency	EUR
- countryOfSupplyOfGoods	NL
EntityIdentification (+invoiceIdentification)	
- uniqueCreatorIdentification	2005001
PartyIdentification (+contentOwner)	
- gLN	8712345678913
InvoiceParty (+buyer)	
- gLN	8812345678903
InvoiceParty (+seller)	
- gLN	8712345678913

Invoice	
ShipToLogistics(+shipTo)	
ShipToNonCommercial	
NameAndAddress	
name	Carol Johnson
streetAddressOne	1600 Pennsylvania Avenue
city	Pembroke Pines
state	FL
postalCode	33028
countryISOCode	US
Contact	
MultiDescription (+personOrDepartmentName)	Carol Johnson, ENG
CommunicationChannel	
communicationNumber	123.456.7890
communicationChannelCode	TELEPHONE
- timePeriod	DAYS
- value	30
VATTaxInformationExtension	
- vATCategory	STANDARD_RATE
- rate	19
InvoiceAllowanceCharge	
- invoiceAllowanceChargeAmount	50
- invoiceAllowanceChargeType	CHARGE_GLOBAL
- invoiceAllowanceOrChargeType	CHARGE
InvoiceTaxInformation	
- dutyTaxFeeType	VALUE_ADDED_TAX
VATTaxInformationExtension	
- vATCategory	LOWER_RATE
- rate	19
InvoiceLineItem *1	
- lineItemNumber	1
- InvoicedQuantity	50
- transferOfOwnershipDate	2005-06-24
- itemPriceInclusiveAllowancesCharges	10
- amountInclusiveAllowancesCharges	500
InvoiceTaxInformation (+ invoiceLineTaxInformation)	
- dutyTaxFeeType	VALUE_ADDED_TAX
VATTaxInformationExtension	

Invoice	
- vATCategory	STANDARD_RATE
- rate	19
TradeItemIdentification	
- gTIN	00074562000525
DocumentOrDocumentLineReference (+despatchAdvice)	
- uniqueCreatorIdentification	200506001
InvoiceLineItem *2	
- lineItemNumber	2
- InvoicedQuantity	10
- transferOfOwnershipDate	2005-06-24
- itemPriceInclusiveAllowancesCharges	15
- amountInclusiveAllowancesCharges	150
InvoiceTaxInformation (+ invoiceLineTaxInformation)	
- dutyTaxFeeType	VALUE_ADDED_TAX
VATTaxInformationExtension	
- vATCategory	STANDARD_RATE
- rate	19
TradeItemIdentification	
- gTIN	00074562000525
DocumentOrDocumentLineReference (+despatchAdvice)	
- uniqueCreatorIdentification	2005JE001
InvoiceTotals	
- totalInvoiceAmount	752
- totalLineAmountInclusiveAllowancesCharges	650
- totalTaxAmount	152
- totalAmountInvoiceAllowancesCharges	50
InvoiceTaxInformation (+ TaxSubTotal)	
- dutyTaxFeeType	VALUE_ADDED_TAX
- taxAmount	152
- taxableAmount	800
VATTaxInformationExtension	
- vATCategory	STANDARD_RATE
- rate	19

8.2.2. Invoice Credit Note Test Data

Invoice	
- creationDateTime	2007-06-22T11:20:00

Invoice	
- documentStatus	ORIGINAL
- invoiceType	CREDIT_NOTE
- invoiceCurrency	EUR
- creditReason	DAMAGED_GOODS
EntityIdentification (+invoiceIdentification)	
- uniqueCreatorIdentification	CN3391
PartyIdentification (+contentOwner)	
- gLN	8712345678913
InvoiceParty (+buyer)	
- gLN	8812345678903
InvoiceParty (+seller)	
- gLN	8712345678913
InvoiceTotals	
- totalInvoiceAmount	1003
- baseAmount	50
DocumentReference (+orderIdentification)	
- creationDateTime	2007-02-19T00:00:00
EntityIdentification	
- uniqueCreatorIdentification	PO33
PartyIdentification (+contentOwner)	
- gLN	8712345678913
DocumentReference (+invoice)	
- creationDateTime	20070303 T00:00:00
EntityIdentification	
- uniqueCreatorIdentification	INV13
PartyIdentification (+contentOwner)	
- gLN	8712345678913
InvoiceLineItem *1	
- lineItemNumber	1
- InvoicedQuantity	50
- transferOfOwnershipDate	2007-06-18
TradeItemIdentification	
- gTIN	08712345678906

9.   Appendices

None

10. Summary of Changes

Change	BSD Version	Associated CR Number
Invoice (class) added new association to CurrencyExchangeRateInformation with rolename of +taxCurrencyInformation. InvoiceLineItem added new attribute itemDescription InvoiceParty added attribute companyRegistrationNumber (see next) EUInvoicePartyExtension renamed class into VATInvoicePartyExtension removed attribute companyRegistrationNumber VATTaxInformationExtension removed attribute taxCurrency removed attribute currencyExchangeRate	0.3.0	04-000229
Changed location of packages/folders internally in General Business Model Invoice Party Invoice Totals Invoice Tax Information Invoice Allowance Charge	0.3.1	
InvoiceTotals Added new optional attribute totalInvoiceAmountPayable	0.3.2	n/a
InvoiceTotals Added new optional attribute taxAccountingCurrency	0.3.3	06-000084
InvoiceTax Information Added new optional attributes taxAmountInTaxAccountingCurrency and taxableAmountInTaxAccountingCurrency	0.3.3	06-000084

Change	BSD Version	Associated CR Number
VATCategoryCodeList Added LOWER_RATE InvoiceTypeCodeList Added TAX_INVOICE Invoice Added optional(0..1)(+shipTo) association to ShipToLogistics Removed optional Association(0..1) (+shipTo) to PartyIdentification InvoiceTaxInformation Added attribute taxPercentage[0..1] : Percentage{3.2} Updated Example and Test Data Updated GDD Report with inclusion of Related Requirements.	0.4.0	06-000300 06-000301 06-000302 06-000337
Incorporated peer review comments Added Invoice Totals class diagram to illustrate the contents of Invoice Totals. Added Not Applicable to sections not used. Corrected font size.	0.4.1	
Posting for Public Review and update to latest BMS Template Version 1.8	0.4.2	

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Change	BSD Version	Associated CR Number
Additions for credit note functionality in the Invoice BMS **Header Reference Addition** | BR	Data	Cardinality	Type | |---|---|---|---| | 1 | Invoice Reference | 0..1 | Header Reference | | 3 | Order Identification | 0..1 | Header Reference | | 4 | Order Response | 0..1 | Header Reference | | 5 | Delivery Note | 0..1 | Header Reference | | 6 | Despatch Advice | 0..1 | Header Reference | | 9 | Promotional Deal | 0..* | Header Reference | | 12 | Receiving Advice | 0..1 | Header Reference |	0.5.0	07-000243 07-000222 (addition of Domestic Reverse Charge to VAT Category Code List)

Header Reference Addition

BR	Data	Cardinality	Type
1	Invoice Reference	0..1	Header Reference
3	Order Identification	0..1	Header Reference
4	Order Response	0..1	Header Reference
5	Delivery Note	0..1	Header Reference
6	Despatch Advice	0..1	Header Reference
9	Promotional Deal	0..*	Header Reference
12	Receiving Advice	0..1	Header Reference

Line Item Level Reference Addition

BR	Data	Cardinality	Type
9	Promotional Deal	0..1	Line item

Invoice Line Item Addition

BR	Data	Cardinality	Type
7	Credit Reason	0..1	Line Item
8	Credit Line Indicator	0..1	Line Item
10	Delivered Quantity	0..1	Line Item

Invoice Header Addition

BR	Data	Cardinality	Type
7	Credit Reason	0..1	Invoice Addition

Added baseAmount in InvoiceTotals

BR	Data	Cardinality
11	baseAmount	0..1

Added Credit Reason Code List

Added DOMESTIC_REVERSE_CHARGE to VAT Category Code List

Added Issue Credit Note Use Case Description

Added Invoice Credit Note business example

Change	BSD Version	Associated CR Number
Updated to the GDD. Corrected datatype in the GDD platform per the peer review. Peer Review CL: 9582	0.5.1	N/A
Incorporate Peer Review Comment Section 8.2.2 Invoice Credit Note Test Data Removed the creditLineIndicator in the Invoice Line Item Posted for eBallot	0.5.2	N/A
Invoice Work Group eBallot Approved Updated BMS to approved	0.5.3	N/A
Invoice Totals Additions	0.6.0	8-209 8-49 7-40/1/2/4/6/7/8/9 7-439

Invoice Totals Additions

CR	Attribute/Association/CodeList Value	Class/Code List
7-439	totalVATAmount[0..1] : Float Definition Total VAT Amount: VAT amount payable to the tax department calculating all rates together.	InvoiceTotals
7-447	prepaidAmount[0..1] : Float Definition Prepaid Amount: Amount which has been prepaid in advance.	InvoiceTotals
7-447	prepaidAmountDate[0..1] : Date Definition Prepaid Amount Date: Date on which the prepaid amount has been paid.	InvoiceTotals

Reference Additions

CR	Attribute/Association/CodeList Value	Class/Code List
7-441	supplierAccountReceivable[0..1]:String{1..70} Definition Supplier Account Receivable: Reference number assigned by accounts receivable department to the account of a specific debtor.	Invoice

Change			BSD Versi on	Associated CR Number
7-441	Invoice+manifest(0..1) Definition Manifest: Reference number assigned to a list of goods to be transferred (freight list).	DocumentReferen ce		
7-441	Invoice+priceList(0..1) Definition Price List: Reference Number assigned to a price list.	DocumentReferen ce		

Supplier Information Additions

CR	Attribute/Association/CodeList Value	Class/Code List
7-440	Invoice+supplierAgentRepresentative(0..1) Definition supplier agent representative: The seller's agent representative is the party representing the seller or supplier for the purpose of the trade transaction.	InvoiceParty
7-444	Invoice+supplierCorporateOffice(0..1) Definition Supplier Corporate Office: Identity of the supplier party to whom all other parties of the same commercial organization are linked.	InvoiceParty

Seller and Corporate Office Registered Captial Additions
- Legal Structure
- Issued Capital

CR	Attribute/Association/CodeList Value	Class/Code List
7-448	legalStructure[0..1] : Description Definition Legal Structure: Indication in clear text of the type of the legal structure of the supplier or his Supplier Corporate Office e.g. limited company, limited liability company, etc. Identity of the supplier party to whom all other parties of the same commercial organization are linked	RegisteredCapital

Change			BSD Versi on	Associated CR Number
7-448	issuedCapital[0..1] : Amount Definition Issued capital: The amount of the issued capital. The currency is also indicated, e.g. 100 000 euro	RegisteredCapital		
7-448	Invoice+sellerRegisteredCapital(0..1) Definition seller registered capital: Provides the registered capital details for the seller.	RegisteredCapital		
7-448	Invoice+corporateOfficeRegisteredCapital (0..1) Definition Provides the registered capital details for the corporate office.	RegisteredCapital		

Payment Terms Type List Addition

CR	Attribute/Association/CodeList Value	Class/Code List
7-449	PENALTY_TERMS Definition Penalty Terms: Payment terms on which penalties apply. Penalty terms apply in case of non compliance to agreed payment terms.	PaymentTermsTy peList

Service Time Period Addition

CR	Attribute/Association/CodeList Value	Class/Code List
7-446	InvoiceLineItem+serviceTimePeriodLineL evel(0..1) Definition Service Time Period: Period of time during which a subscription is valid	TimePeriod

Invoice Line Item Addition

CR	Attribute/Association/CodeList Value	Class/Code List
8-49	additionalOrderLineInstruction[0..1] : LongDescription	InvoiceLineItem

Change	BSD Versi on	Associated CR Number
Definition additionalOrderLineInstruction: Contains any additional order line instructions as they appeared in the original Order for this product		

Backward Compatibility Corrections

CR	Attribute/Association/CodeList Value	Class/Code List
8-209	Invoice+shipToLogistics(0..1) Changed role name from shipTo ---> shipToLogistics so the role names are unique Definition: Party to where goods will be or have been shipped	ShipToLogistics
8-209	Invoice+ShipTo(0..1) Recreated shipTo associated to PartyIdentification to be BC to version 2.2 Definition Ship To: Party to where goods will be or have been shipped	PartyIdentification

| **Incorporate Public Review/ Pilot Comments** | 0.6.1 | |

1.   CR 7-442
Class: VATTaxInformationExtension

Add attribute vatDue[0..1]:VATPaymentDueList

VATPaymentDueList
Add code value

DUTY_TAX_OR_FEE_PAYMENT_DUE_ON_INVOICE_PAYMENT_DATE
DUTY_TAX_OR_FEE_PAYMENT_DUE_ON_INVOICE_ISSUE_DATE

2. InvoiceTypeCodeList

Add code value

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Change	BSD Version	Associated CR Number

SELF_BILLED_CREDIT_NOTE
 	
3. **Invoice Tax Information (Common Library Update)**
    Add dutyTaxFeeDescription[0..1]:String{1..35}
 	
4. **Duty Tax Fee Type Code List (Common Library Update)**
    Add NON_VALUE_ADDED_TAX		

Posted for final public review **Changed multiplicity in UML and GDD** **Invoice+taxCurrencyInformation(cardinality)CurrencyExchangeRateInformation** **from (0..1)** **TO: (0..*)**	0.6.2	
Updated BMS to Approved Status eBallot Approved Release 2.5.0	Issue 0.6.2	

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