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Date of Change	Version	Changed By	Reason for Change	Summary of Change
10-Apr-2019	BMS 3.4 - Issue 1	Jean-Luc Champion	BMS Release 3.4	See summary of changes

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1 Business Domain View

1.1 Introduction

Message Definition

This standard is part of a global GS1 solution for warehouse management that will support the optimization of warehouse management operations in a scalable way. This will ultimately take out unnecessary cost of the supply chain

Principles

This standard defines the transaction model and data model for the following business message(s):

- Logistics Inventory Report Request
- Logistics Inventory Report
- Warehousing Inbound Instruction
- Warehousing Inbound Notification
- Warehousing Operations Instruction
- Warehousing Operations Notification
- Warehousing Outbound Instruction
- Warehousing Outbound Notification

1.2 References

[LIM] GS1 Logistics Interoperability Model, 1.0, GS1 2007

[BRAD_WIO] BRAD Warehousing Inbound and Outbound Processes, 1.0, GS1 2012

[BRAD_WIM] BRAD Warehousing Inventory Management, 0.12, GS1 2012

[BMS_Shared] BMS Shared Common Library, 3.4, GS1 2016

[BMS_eCom] BMS eCom Common Library, 3.4, GS1 2016

2 Business Context

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

3 Business Transaction View

3.1 Business Transaction

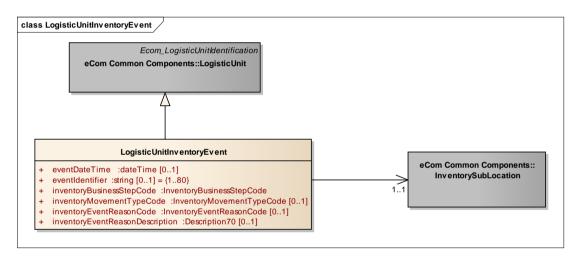
Not applicable



4 Business Information View

4.1 Logistic Unit Inventory Event

Class diagram



GDD Report

The content of the LogisticUnitInventoryEvent class, its structure and component definitions can be accessed in the Global Data Dictionary: http://apps.qs1.org/GDD/bms/Version3 4/Pages/bieDetails.aspx?semanticURN=urn:qs1:qdd:bie:LogisticUnitInventoryEvent

Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
LogisticUnitInventor yEvent				Information specifying an inventory activity of a specific logistic unit at a specific sub-location at a specific point in time.	
Association		InventorySubLocation	11	The inventory sub location related to the event.	
Generalization		LogisticUnit			
Attribute	eventDateTime	dateTime	01	The moment in time at which the event occurred.	



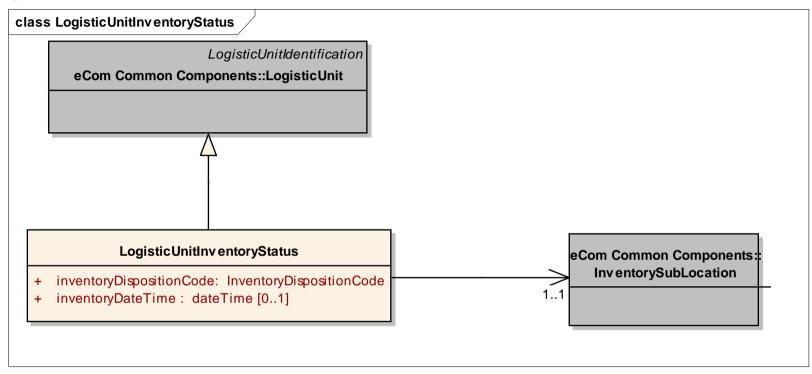
Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
Attribute	eventIdentifier	string	01	The sequence number for this event.	
Attribute	inventoryBusinessSt epCode	InventoryBusinessStep Code	11	Denotes a specific activity within a business process. The business step code of an event specifies what business process step was taking place that caused the event.	
Attribute	inventoryMovement TypeCode	InventoryMovementTyp eCode	01	Code specifying whether the reported activity leads to an increase or decrease of the inventory quantity.	
Attribute	inventoryEventReas onCode	InventoryEventReason Code	01	Code specifying the reason for this event.	
Attribute	inventoryEventReas onDescription	Description70	01	Textual description of the reason for this event.	





4.2 Logistic Unit Inventory Status

Class Diagram





GDD Report

The content of the LogisticUnitInventoryStatus 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:LogisticUnitInventoryStatus

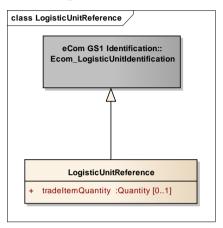
Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
LogisticUnitInventor yStatus				Information specifying the inventory status of a logistic unit at a specific sub-location at a specific point in time.	
Generalization		LogisticUnit			
Association		InventorySubLocation	11	The inventory sub location where the inventory is located.	
Attribute	inventory Disposition Code	InventoryDispositionCo de	11	The inventory disposition code specifies the business condition of the inventory.	
Attribute	inventoryDateTime	dateTime	01	Date and time when the inventory for this item was assessed.	





4.3 Logistic Unit Reference

Class Diagram



GDD Report

The content of the LogisticUnitReference 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:LogisticUnitReference

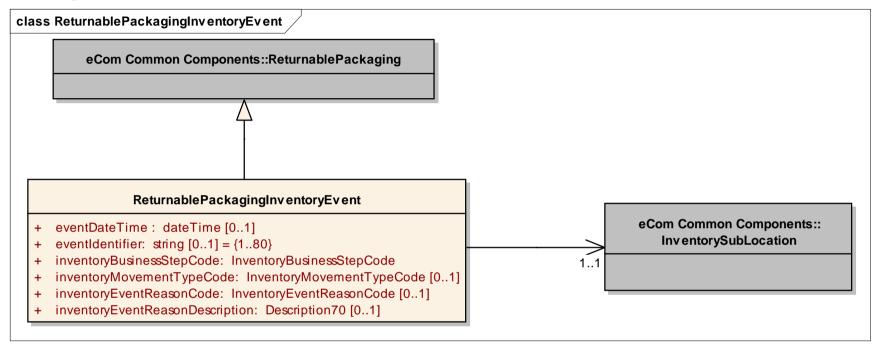
Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
LogisticUnitReferenc e				Information on the quantity of a particular trade item that is contained in a particular logistic unit.	
Generalization		Ecom_LogisticUnitIdent ification			WR 15-000314
Attribute	tradeItemQuantity	Quantity	01	The quantity of a particular trade item contained in a particular logistic unit.	





4.4 Returnable Packaging Inventory Event

Class Diagram



GDD Report

The content of the ReturnablePackagingInventoryEvent 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:ReturnablePackagingInventoryEvent

Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
ReturnablePackagin gInventoryEvent				Information specifying an inventory activity of one or more returnable packaging items (of the same type) at a specific sub-location at a specific point in time.	
Generalization		ReturnablePackaging			
Association		InventorySubLocation	11		



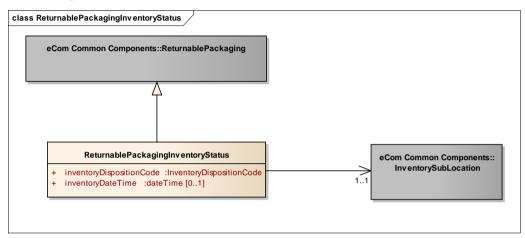
Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
Attribute	eventDateTime	dateTime	01	The moment in time at which the event occurred.	
Attribute	eventIdentifier	string	01	The sequence number for this event.	
Attribute	inventoryBusinessSt epCode	InventoryBusinessStep Code	11	Denotes a specific activity within a business process. The business step code of an event specifies what business process step was taking place that caused the event.	
Attribute	inventoryMovement TypeCode	InventoryMovementTyp eCode	01	Code specifying whether the reported activity leads to an increase or decrease of the inventory quantity.	renamed from inventoryMove mentIndicator
Attribute	inventoryEventReas onCode	InventoryEventReason Code	01	Code specifying the reason for this event.	
Attribute	inventoryEventReas onDescription	Description70	01	Textual description of the reason for this event.	





4.5 Returnable Packaging Inventory Status

Class Diagram



GDD Report

The content of the ReturnablePackagingInventoryStatus 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:ReturnablePackagingInventoryStatus

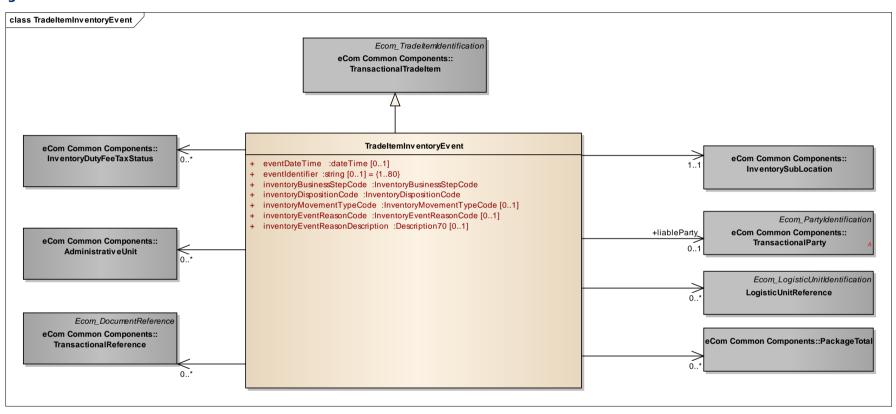
Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
ReturnablePackagin gInventoryStatus				Information specifying the inventory status of a set of returnable packaging items (of the same type) at a specific sub-location at a specific point in time.	
Generalization		ReturnablePackaging			
Association		InventorySubLocation	11	The inventory sub location where the inventory is located.	
Attribute	inventoryDisposition Code	InventoryDispositionCo de	11	The inventory disposition code specifies the business condition of the inventory.	
Attribute	inventoryDateTime	dateTime	01	Date and time when the inventory for this item was assessed.	





4.6 Trade Item Inventory Event

Class Diagram





GDD Report

The content of the TradeItemInventoryEvent 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:TradeItemInventoryEvent

Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
TradeItemInvento ryEvent				Information specifying an inventory activity of one or more trade items (of the same type) at a specific sub-location at a specific point in time.	
Association	liableParty	TransactionalParty	01	Party that will be held liable for the cost incurred by the event.	
Association		TransactionalReference	0*	References to the commercial transaction or to transport or legal documents related to the item.	
Association		InventorySubLocation	11	The inventory sub location related to the event.	
Association		AdministrativeUnit	0*	The administrative unit related to the event.	
Generalization		TransactionalTradeItem			
Association		InventoryDutyFeeTaxSt atus	0*	The duty, fee or tax status related to the inventory event.	
Association		PackageTotal	0*	Aggregate information per type of package included in the inventory item.	
Association		LogisticUnitReference	0*	The logistic units that hold the trade item subject to the event.	
Attribute	eventDateTime	dateTime	01	The moment in time at which the event occurred.	
Attribute	eventIdentifier	string	01	The sequence number for this event.	
Attribute	inventoryBusinessSt epCode	InventoryBusinessStep Code	11	Denotes a specific activity within a business process. The business step code of an event specifies what business process step was taking place that caused the event.	
Attribute	inventoryDisposition Code	InventoryDispositionCo de	11	The inventory disposition code specifies the business condition of the inventory that is subject of the event.	



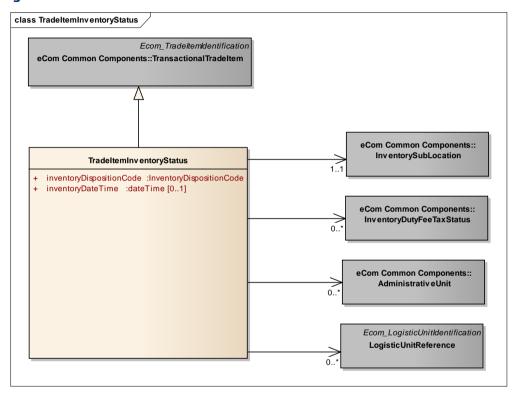
Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
Attribute	inventoryMovement TypeCode	InventoryMovementTyp eCode	01	Code specifying whether the reported activity leads to an increase or decrease of the inventory quantity.	
Attribute	inventoryEventReas onCode	InventoryEventReason Code	01	Code specifying the reason for this event.	
Attribute	inventoryEventReas onDescription	Description70	01	Textual description of the reason for this event.	





4.7 Trade Item Inventory Status

Class Diagram



GDD Report

The content of the TradeItemInventoryStatus 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:TradeItemInventoryStatus

Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
TradeItemInventory Status				Information specifying the inventory status of a set of trade items (of the same type) at a specific sub-location at a specific point in time.	



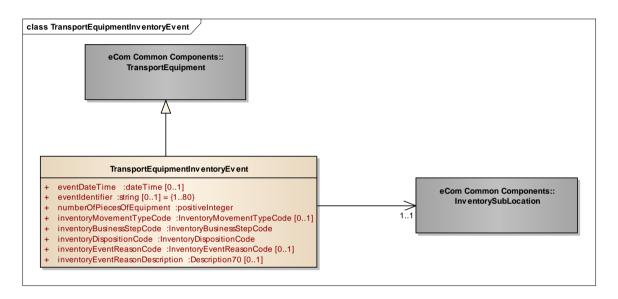
Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
Association		InventoryDutyFeeTaxSt atus	0*	The duty, fee and tax status of the inventory.	
Association		AdministrativeUnit	0*	The administrative unit to which the inventory has been allocated.	
Association		InventorySubLocation	11	The inventory sub location where the inventory is located.	
Association		LogisticUnitReference	0*	The logistic units that contain the trade item.	
Generalization		TransactionalTradeItem			
Attribute	inventory Disposition Code	InventoryDispositionCo de	11	The inventory disposition code specifies the business condition of the inventory.	
Attribute	inventoryDateTime	dateTime	01	Date and time when the inventory for this item was assessed.	





4.8 Transport Equipment Inventory Event

Class Diagram



GDD Report

The content of the TransportEquipmentInventoryEvent 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:TransportEquipmentInventoryEvent

Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
TransportEquipment InventoryEvent				Information specifying an inventory activity of one or more pieces of transport equipment (of the same type) at a specific sub-location at a specific point in time.	
Association		InventorySubLocation	11		
Generalization		TransportEquipment			
Attribute	eventDateTime	dateTime	01	The moment in time at which the event occurred.	



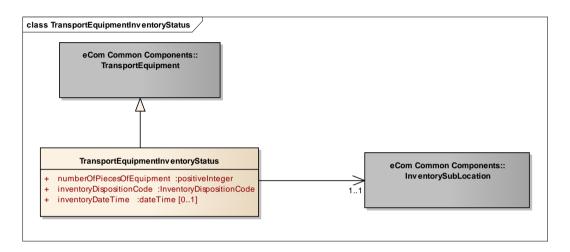
Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
Attribute	eventIdentifier	string	01	The sequence number for this event.	
Attribute	numberOfPiecesOfE quipment	positiveInteger	11	The total number of pieces of the specified type of transport equipment.	
Attribute	inventoryMovement TypeCode	InventoryMovementTyp eCode	01	Code specifying whether the reported activity leads to an increase or decrease of the inventory quantity.	renamed from inventoryMove mentIndicator
Attribute	inventoryBusinessSt epCode	InventoryBusinessStep Code	11	Denotes a specific activity within a business process. The business step code of an event specifies what business process step was taking place that caused the event.	
Attribute	inventory Disposition Code	InventoryDispositionCo de	11	The disposition code of an event specifies the business condition of the (remaining) inventory subsequent to the event. The disposition is assumed to hold true until another event indicates a change of disposition.	
Attribute	inventoryEventReas onCode	InventoryEventReason Code	01	Code specifying the reason for this event.	
Attribute	inventoryEventReas onDescription	Description70	01	Textual description of the reason for this event.	





4.9 Transport Equipment Inventory Status

Class Diagram



GDD Report

The content of the TransportEquipmentInventoryStatus 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:qdd:bie:TransportEquipmentInventoryStatus

Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
TransportEquipment InventoryStatus				Information specifying the inventory status of a set of pieces of transport equipment (of the same type) at a specific sub-location at a specific point in time.	
Generalization		TransportEquipment			
Association		InventorySubLocation	11	The inventory sub location where the inventory is located.	
Attribute	numberOfPiecesOfE quipment	positiveInteger	11	The total number of pieces of the specified type of transport equipment.	
Attribute	inventoryDisposition Code	InventoryDispositionCo de	11	The inventory disposition code specifies the business condition of the inventory.	

Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
Attribute	inventoryDateTime	dateTime	01	Date and time when the inventory for this item was assessed.	



Note: Reference Shared Common Library Business Message (BMS) Release 3.4 and eCom Domain Common Library Business Message (BMS) Release 3.4 for all common information.

4.10 Warehousing Quantity Variance

Class Diagram



GDD Report

The content of the WarehousingQuantityVariance 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:WarehousingQuantityVariance

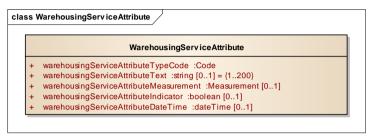
Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
Warehousing Quantity Variance				Quantity and reason of a shortage or surplus occurring in a warehousing process.	
Attribute	varianceQuantity	Quantity	11	The number of units of the variance.	
Attribute	warehousingQuanti tyVarianceCode	WarehousingQuantityV arianceCode	11	Code specifying the type and / or reason for the variance.	





4.11 Warehousing Service Attribute

Class Diagram



GDD Report

The content of the WarehousingServiceAttribute 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:WarehousingServiceAttribute

Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
WarehousingServiceA ttribute				Piece of information used to further specify the details of a warehousing service.	
Attribute	warehousingServic eAttributeTypeCod e	Code	11	Code specifying the type of warehousing service attribute. NOTE: For this attribute a GS1 code list is available (see paragraph 4.17.7 Warehousing Service Attribute Type Code), but also other code lists may be applied.	
Attribute	warehousingServic eAttributeText	string	01	Textual value of the warehousing service attribute.	
Attribute	warehousingServic eAttributeMeasure ment	Measurement	01	Measurement value of the warehousing service attribute.	
Attribute	warehousingServic eAttributeIndicator	boolean	01	Boolean value of the warehousing service attribute.	
Attribute	warehousingServic eAttributeDateTim e	dateTime	01	Date time value of the warehousing service attribute.	

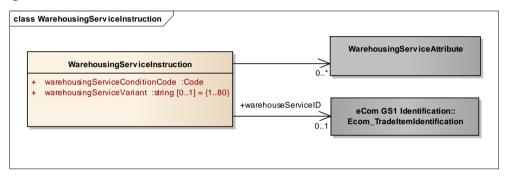




Note: Reference Shared Common Library Business Message (BMS) Release 3.4 and eCom Domain Common Library Business Message (BMS) Release 3.4 for all common information.

4.12 Warehousing Service Instruction

Class Diagram



GDD Report

The content of the WarehousingServiceInstruction class, its structure and component definitions can be accessed in the Global Data Dictionary: http://apps.qs1.org/GDD/bms/Version3 4/Pages/bieDetails.aspx?semanticURN=urn:qs1:qdd:bie:WarehousingServiceInstruction

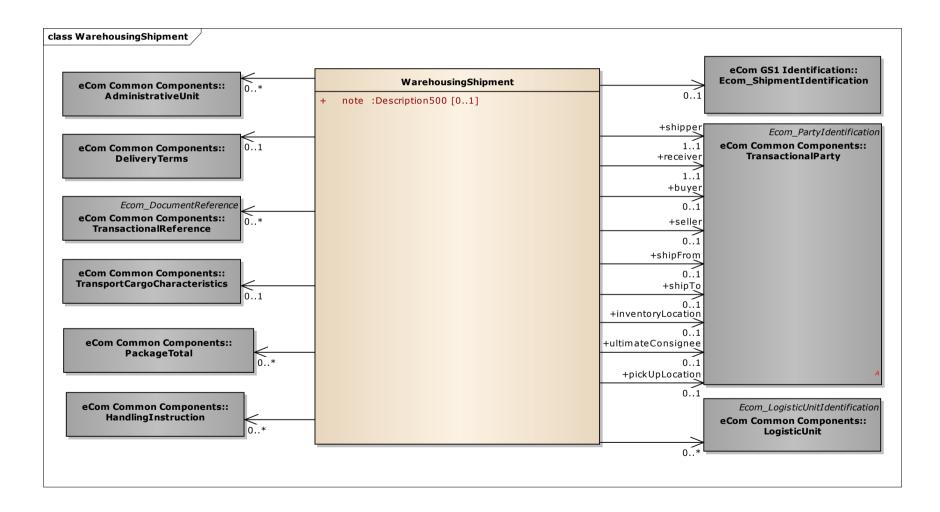
Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
WarehousingServiceI nstruction				Instruction specifying a service to be carried out by the logistic services seller during a warehousing process, for example during inbound or outbound.	
Association	warehouseService ID	Ecom_TradeItemIdentificat ion	01	Uniquely identifies warehouse service.	WR 15-000101 WR 15-000314
Association		WarehousingServiceAttribu te	0*	Information further specifying the details of a warehousing service.	
Attribute	warehousingServi ceConditionCode	Code	11	Code specifying the type of warehousing service.	





4.13 Warehousing Shipment

Class Diagram





GDD Report

The content of the WarehousingShipment 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:WarehousingShipment

Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
WarehousingShipme nt				A shipment is an identifiable collection of one or more Trade Items available to be transported together from the shipper (Original Consignor/Shipper), to the receiver (Final/Ultimate Consignee).	[brad- whiop:shm-1]
Association	seller	TransactionalParty	01	Identifies the party which sells products or services to a buyer.	[brad-wio:shm- 1.3]
Association	buyer	TransactionalParty	01	Identifies the party to which products or services are sold.	[brad-wio:shm- 1.2]
Association		AdministrativeUnit	0*	On or more administrative units related to the shipment.	[brad-wio:shm- 1.10]
Association	receiver	TransactionalParty	11	A party which engages in receiving this shipment of goods.	[brad-wio:shm- 1.5]
Association	shipper	TransactionalParty	11	A party which engages in shipping this shipment of goods.	[brad-wio:shm- 1.4]
Association		PackageTotal	0*	Aggregate information per type of package contained in the shipment.	[brad-wio:shm- 1.14]
Association		Ecom_ShipmentIdentifi cation	01		[brad- whiop:shm-1.1] WR 15-000314
Association		TransportCargoCharact eristics	01	Aggregate information on the goods that are contained in this shipment.	[brad-wio:shm- 1.13]
Association		TransactionalReference	0*	One or more references to associated information in support of related business processes. E.g. a purchase order, a return authorization number.	[brad-wio:shm- 1.12]
Association		HandlingInstruction	0*	One or more instructions on the way to treat the goods during transport and storage.	[brad-wio:shm- 1.15]
Association	shipFrom	TransactionalParty	01	The physical location from where goods will be or have been shipped.	[brad-wio:shm- 1.6]



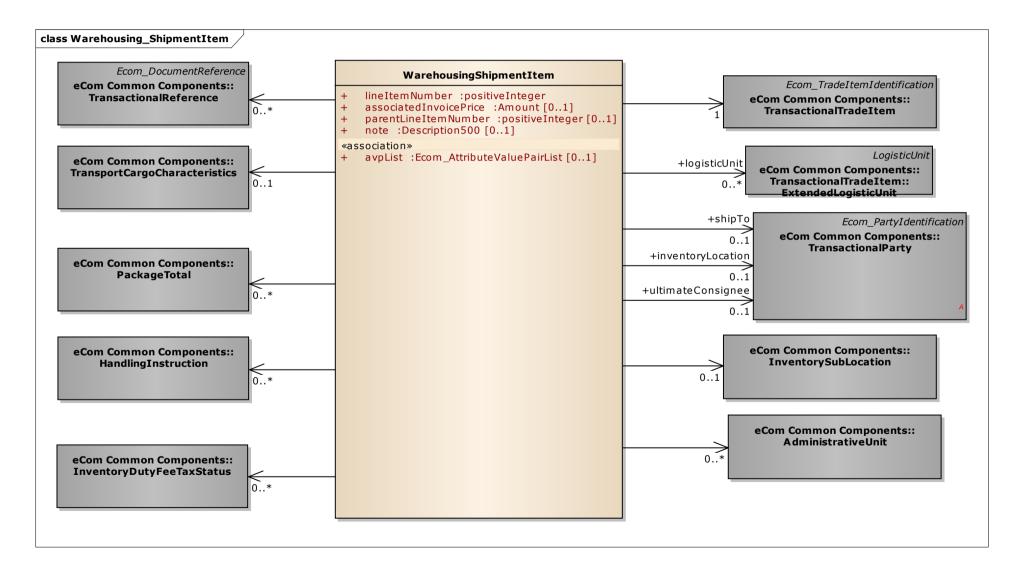
Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
Association		DeliveryTerms	01	The applicable legal, customs, financial and insurance terms that have been agreed for the shipment.	[brad-wio:shm- 1.11]
Association	ultimateConsignee	TransactionalParty	01	01 Identifies the party that is the final destination for the shipment.	
Association	inventoryLocation	TransactionalParty	01	Identification of the location (premises) where the goods will be stored.	[brad-wio:shm- 1.8]
Association	shipTo	TransactionalParty	01	The physical location to where goods will be or have been shipped.	[brad-wio:shm- 1.7]
Association		LogisticUnit	0*	The logistic units contained in the shipment.	[brad-wio:shm- 1.16]
Association	pickUpLocation	TransactionalParty	01	Party where goods are collected or taken over by the carrier.	WR 18-000137
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.	





4.14 Warehousing Shipment Item

Class Diagram





GDD Report

The content of the WarehousingShipmentItem 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:WarehousingShipmentItem

Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
WarehousingShipme ntItem				A shipment item is collection of trade items and related logistic units that can each be identified (uniquely) within a shipment.	[brad- whiop:shm-2]
Association		TransportCargoCharact eristics	01	Aggregate information on the goods that are contained in this shipment item.	[brad-wio:shm- 2.10]
Association		InventorySubLocation	01	Identification of the inventory sub-location where goods are stored.	[brad-wio:shm- 2.4]
Association	shipTo	TransactionalParty	01	The physical location to where goods will be or have been shipped.	
Association		PackageTotal	0*	Aggregate information per type of package contained in the shipment item.	[brad-wio:shm- 2.11]
Association		AdministrativeUnit	0*	One or more administrative units related to the shipment item.	
Association		InventoryDutyFeeTaxSt atus	0*	The duty, fee and / or tax status related to the goods.	
Association		TransactionalTradeItem	11	Information on the trade item contained in the shipment.	[brad-wio:shm- 2.2]
Association		HandlingInstruction	0*	One or more instructions on the way to treat the goods during transport and storage.	[brad-wio:shm- 2.12]
Association	logisticUnit	ExtendedLogisticUnit	0*	Information on the logistic unit quantity of the trade item contained in it and additional details, such as batch, lot and serial number of items contained.	[brad-wio:shm- 1.16] WR 17-000142
Association	inventoryLocation	TransactionalParty	01	Identification of the location where the goods are stored.	[brad-wio:shm- 2.3]
Association	ultimateConsignee	TransactionalParty	01	Identifies the party that is the final destination of the goods.	[brad-wio:shm- 2.5]
Association		TransactionalReference	0*	One or more references to associated information in support of related business processes. E.g. a purchase order, a return authorization number.	[brad-wio:shm- 2.9]



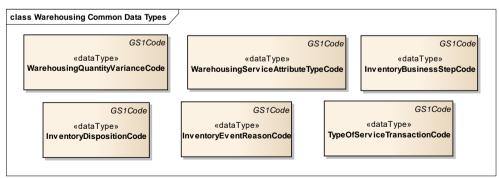
Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
Attribute	lineItemNumber	positiveInteger	11	The sequence number for this shipment item. BRAD SHI2	
Attribute	associatedInvoiceP rice	Amount	01	The unit price of the trade item excluding taxes.	[brad- wio:ecom-5]
Attribute	parentLineItemNu mber	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	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.;	
Attribute	avpList	Ecom_AttributeValuePairList	01	Temporary attributes introduced between minor versions.	WR 14-000110



Note: Reference Shared Common Library Business Message (BMS) Release 3.4 and eCom Domain Common Library Business Message (BMS) Release 3.4 for all common information.

4.15 Warhousing Common Data Types

Class Diagram





GDD Report

Content	Attribute / Role	Datatype / Secondaryclass	Multiplicity	Definition	Requirements
InventoryBusinessStepCode					
Generalization		GS1Code			
InventoryDispositionCode					
Generalization		GS1Code			
InventoryEventReasonCode					
Generalization		GS1Code			
TypeOfServiceTransactionCode					
Generalization		GS1Code			
Ware housing Quantity Variance Code					
Generalization		GS1Code			
WarehousingServiceAttributeTypeCode					
Generalization		GS1Code			



4.16 Enumerations (message specific)

Not applicable

4.17 Code Lists

Class	Codelist	GDD Link
LogisticUnitInventoryEvent, ReturnablePackagingInvento ryEvent, TradeItemInventoryEvent, TransportEquipmentInvento ryEvent	InventoryBusinessSt epCode	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:InventoryBusinessStepCode
LogisticUnitInventoryEvent, ReturnablePackagingInvento ryEvent, TradeItemInventoryEvent, TransportEquipmentInvento ryEvent	InventoryMovementT ypeCode	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:InventoryMovementTypeCode
LogisticUnitInventoryEvent, ReturnablePackagingInvento ryEvent, TradeItemInventoryEvent, TransportEquipmentInvento ryEvent	InventoryEventReaso nCode	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:InventoryEventReasonCode
LogisticUnitInventoryStatus, ReturnablePackagingInvento ryStatus, TradeItemInventoryEvent, TradeItemInventoryStatus, TransportEquipmentInvento ryEvent, TransportEquipmentInvento ryStatus	InventoryDisposition Code	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:InventoryDispositionCode
LogisticsInventoryReport	TypeOfServiceTransa ctionCode	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanti cURN=urn:gs1:gdd:cl:TypeOfServiceTransactionCode
Warehousing Quantity Varian ce	Warehousing Quantity Variance Code	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:WarehousingQuantityVarianceCode



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



5 Business Message Examples

Not applicable

6 Implementation Considerations

6.1 User Guide

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

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.qs1.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 **3.1**

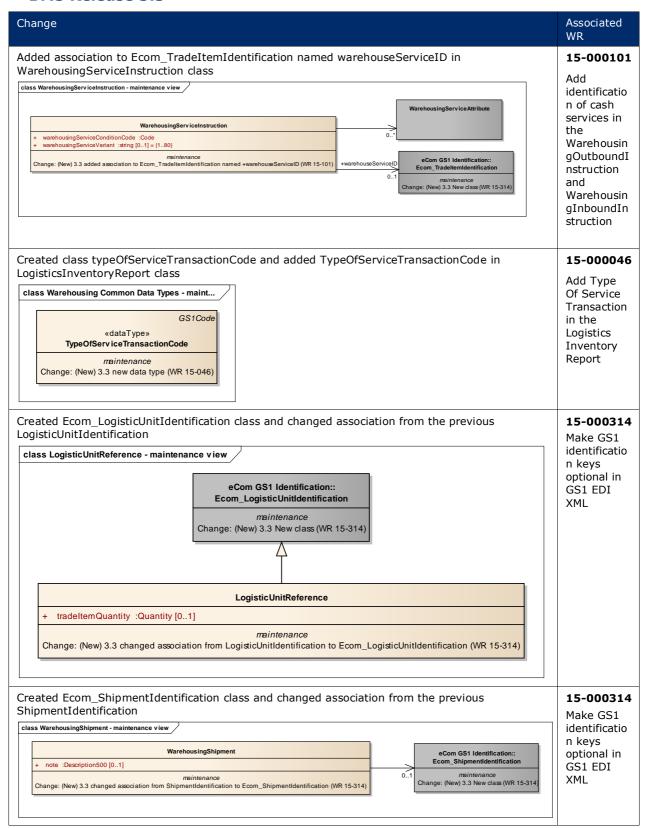
First publication of this standard.

7.2 BMS Release 3.2

h A	dded a reference to parent line number to all LineItem classes, to support ierarchical items (WRs 14-021 & 14-044) dd Attribute Value Pair at the root, line item and sub line item levels (WR 14-10)	14- 000021 14- 000044
clas	s WarehousingShipmentItem - maintenance view	14- 000110
	WarehousingShipmentItem	
	+ lineItemNumber :positiveInteger + associatedInvoicePrice :Amount [01] + parentLineItemNumber :positiveInteger [01] + note :Description500 [01] + «association» avpList :Ecom_AttributeValuePairList [01]	
	maintenance Change: (Verified) 3.2 added +avpList (WR 14-110) Change: (Verified) 3.2 added +parentLineItemNumber (WR 14-021 & 14-044)	

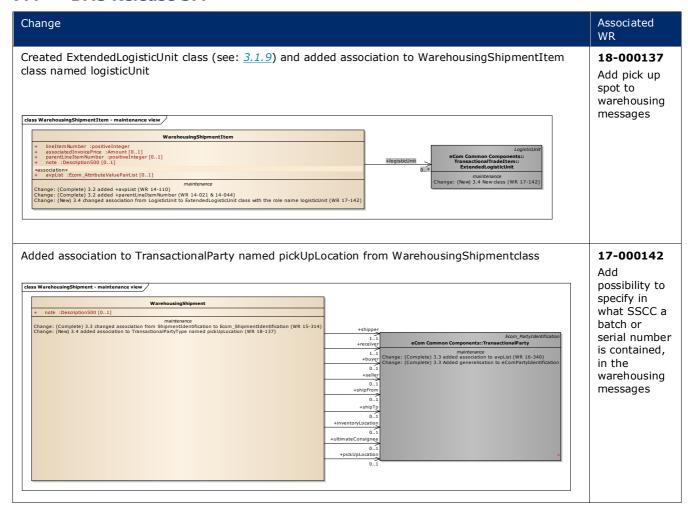


7.3 BMS Release **3.3**





7.4 BMS Release 3.4



8 Appendices

Not Applicable

9 Acknowledgements

9.1 Work Group

Function	Name	Company / organisation
Co-chair	Rossner (Pottier), Natascha	GS1 France
Co-chair	Schmidt, Tom Eric	August Storck KG
Member	Bemrose, Jonathan	R&R Ice Cream
Member	Bodemer, Petra	dm-drogerie markt GmbH + Co. KG
Member	Boikanyo, Rebone	GS1 South Africa / Consumer Goods Council of South Africa
Member	Canada, ON	M3B 3L1
Member	Carlson, Jim	General Mills, Inc.
Member	Chresta, Richard	GS1 Switzerland



Function	Name	Company / organisation
Member	Cook, Don	Wal-Mart Stores, Inc.
Member	Cox, Marc	Philips Electronics N.V.
Member	Darnell, David	Systrends
Member	De Flou, Nele	GS1 Belgium & Luxembourg
Member	Dicks, Arne	GS1 Germany
Member	Duvinger, Karina	GS1 Sweden
Member	Foerderer, Klaus	GS1 Germany
Member	Gathmann, Stefan	GS1 Ireland
Member	Grangard, Anders	GS1 Global Office
Member	Harpell, Eileen	GS1 Community Room Staff
Member	Hand, Phil	JDA Software
Member	Herregodts, Kurt	GS1 Belgium & Luxembourg
Member	Kempkes, Fred	Unilever N.V.
Member	Kernan, Brendan	GS1 Ireland
Member	Kidd, Robin	Nestle
Member	Krid, Anne-Claire	GS1 France
Member	Lanoue, Tom	General Mills, Inc.
Member	Laur, Rita	GS1 Canada
Member	Lenman, Mia	GS1 Sweden
Member	Lerch, Hanjoerg	METRO Group
Member	Moberg, Dale	Axway
Member	Montes de Oca, Alejandra	GS1 Mexico
Member	Ng, Ella	GS1 Australia
Member	Peelen, Esther	GS1 Netherlands
Member	Pelekies, Andreas	GS1 Germany
Member	Perrier, Patricia	GS1 France
Member	Przybilla, Christian	GS1 Germany
Member	Pujol, Xavier	GS1 Spain
Member	Racek, Greg	Wal-Mart Stores, Inc.
Member	Repetto, Mirko	GS1 Italy
Member	Robba, Steven	1WorldSync Holdings, Inc.
Member	Rosell, Pere	GS1 Spain
Member	Rosenberg, Steven	GS1 US
Member	Schmid, Sue	GS1 Australia
Member	Schneider, Christian	GS1 Switzerland
Member	Sehorz, Eugen	GS1 Austria
Member	Sharma, Vishal	General Mills, Inc.
Member	Shimazaki, Ayako	GS1 Japan
Member	Sion, Emilie	GS1 France
Member	Souza, Nadia	GS1 Brasil
Member	Strand, Roman	GS1 Germany



Function	Name	Company / organisation	
Member	Tan, Milton	GS1 Malaysia	
Member	Tompsett, Simon	Waitrose	
Member	Trelle, Ute	1WorldSync Holdings, Inc.	
Member	Tse, Steve	GS1 Hong Kong	
Member	Tyson, Betty	Knouse Foods Cooperative, Inc	
Member	Van den Bergh, Senne	GS1 Belgium & Luxembourg	
Member	Van der Eijk, Pim	OASIS - Sonnenglanz Consulting BV	
Member	Veldhuis, Saskia	Procter & Gamble Co.	
Member	Welch, Shan	GS1 UK	
Member	Westerkamp, Jan	GS1 Netherlands	
Member	Wilson, Mary	GS1 US	
Member	Windsperger, Bekki	Best Buy Co., Inc.	
Member	Yang, Shaopeng	GS1 China	
Member	Yusdiar, Dani	GS1 Indonesia	
Member	Zwanziger, Greg	SUPERVALU	

9.2 Development Team Members

Function	Name	Organisation
GSMP Process Lead	Jean-Luc Champion and Tasha Wiehe	GS1 Global Office
Technical Development Lead	Ewa Iwicka	GS1 Global Office
Peer Review	Mark Van Eeghem	GS1 Global Office