Business Message Standard (BMS)

eCom Common Library

Release 3.1

1-May-2013, Issue 1

Document Summary

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	GS1 Germany	WR 12-199
	GS1 Australia	WR 12-139

Document Change History

Date of Change	Version	Changed By	Reason for Change	Summary of Change
October 13, 2011	BMS 3.0 - issue 1.0.0	Coen Janssen	Errata	Corrected some GDD definitions.
January 3, 2012	BMS 3.0 - issue 1.1.0	John Ryu	Publication updates	See section summary of changes
May 1, 2013	BMS 3.1 – issue 1	Coen Janssen	Publication	See section summary of changes

Disclaimer

Table of Contents

1. Business Domain View

1.1. Problem Statement / Business Need

Not Applicable

1.2. Objective

The objective is to document the components that are shared by GS1 BMS Standards in order to promote interoperability across GS1 domains (e.g. GDSN, eCom). This document contains only components that are determined to be foundational to the eCom domain within GS1.

eCom components are used to enforce consistency across eCom messages and include:

■ Transactional trade item details

■ Transactional party details

■ Logistic unit details

■ Transport related information such as transport equipment, transport means.

■ Financial information such as payment terms, financial accounts.

eCom components will be contained in a separate package and will be carefully managed to ensure that any changes that are made to any component do not have a negative impact across GS1 eCom messages.

1.3. Audience

The primary audience for this document are individuals assigned as GS1 Business Process Analysts, Business Requirements Groups Managers, GDD Managers, and XML System Developers who are responsible for the completion and delivery of the Business Message Standards.

1.4. References

Reference Name	Description
[BRAD RQ] BRAD Requirements Queue	GS1, 2011
[BRAD_TM] BRAD Transport Management	GS1, 2011
[BMS_SHARED] BMS Shared Common release 3.1	GS1, 2013
[BRAD_WIO] BRAD Warehousing Inbound and Outbound Processes	GS1, 2012

1.5. Acknowledgements

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

1.5.1. Work Group

Function	Name	Company / organisation
Co-chair	Rossner (Pottier), Natascha	GS1 France
Co-chair	Schmidt, Tom Eric	August Storck KG

Function	Name	Company / organisation
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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
Member	Cook, Don	Wal-Mart Stores, Inc.
Member	Cox, Marc	Philips Electronics N.V.
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Member	Duvinger, Karina	GS1 Sweden
Member	Foerderer, Klaus	GS1 Germany
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Member	Harpell, Eileen	GS1 Community Room Staff
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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
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Member	Repetto, Mirko	GS1 Italy
Member	Robba, Steven	1WorldSync Holdings, Inc.
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Member	Rosenberg, Steven	GS1 US
Member	Schmid, Sue	GS1 Australia

Function	Name	Company / organisation
Member	Schneider, Christian	GS1 Switzerland
Member	Sehorz, Eugen	GS1 Austria
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Member	Shimazaki, Ayako	GS1 Japan
Member	Sion, Emilie	GS1 France
Member	Souza, Nadia	GS1 Brasil
Member	Strand, Roman	GS1 Germany
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

1.5.2. Development Team Members

Function	Name	Organisation
GSMP Process Lead	Jean-Luc Champion	GS1 Global Office
Standards Content Lead	Coen Janssen	GS1 Global Office
Technical Development Lead	Ewa Iwicka	GS1 Global Office
Peer Review	Eric Kauz	GS1 Global Office

2. Business Context

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

3. Business Transaction View

Not Applicable

4.   Business Information View

4.1.   Business Data Types

4.1.1.   GDTI

Class Diagram

```
class GDTI

    «primitiveType»
    Primitive Data Types::
          string


                      {[-!"%&'()*+,./0-9:;<=>?A-Z_a-z]{13,30}}



          «dataType»
             GDTI

```
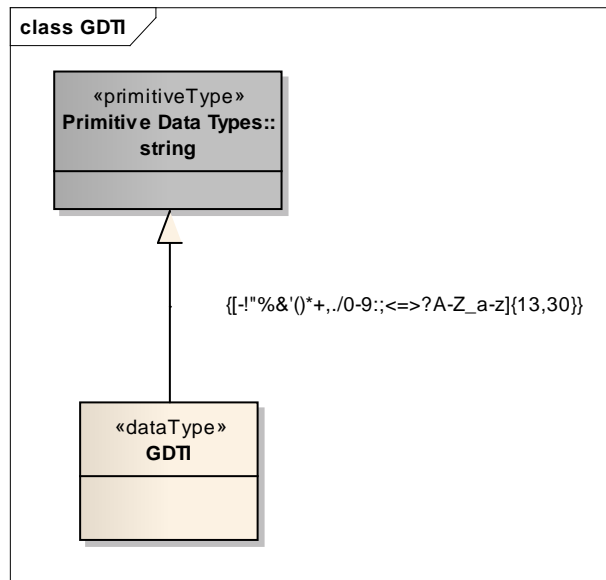
GDD Report – GDTI

Key	Pattern	Description
GDTI	[-!"%&'()*+,./0-9:;⇔?A-Z_a-z]{13,30}	Minimum 13, Maximum 30 alphanumeric characters restricted to A-Z (uppercase), a-z (lowercase), 0-9, and the special characters listed (e.g. %, &, etc..) [Note 1]

4.1.2. Codes

Class Diagram

✅ **Note:** Please note that all codes in the diagrams below are generalizations of "GS1Code" as indicated by the text in italics at the top right hand side of the classes.

class Code A-I

GS1Code	*GS1Code*	*GS1Code*	*GS1Code*	*GS1Code*
«dataType» **AdministrativeUnitTypeCode**	«dataType» **AppointmentTimeMeasurementBasisTypeCode**	«dataType» **CargoTypeCode**	«dataType» **CreditReasonCode**	«dataType» **CustomsWarehouseStatusCode**
«dataType» **DangerousGoodsAttributeTypeCode**	«dataType» **DangerousGoodsRegulationCode**	«dataType» **DataCarrierTypeCode**	«dataType» **DeliverDateTypeCode**	«dataType» **DeliveryTypeCode**
«dataType» **DeliveryTimeMeasurementBasisTypeCode**	«dataType» **DemandEstimationTypeCode**	«dataType» **DutyFeeTaxTypeCode**	«dataType» **EffectiveDateTypeCode**	«dataType» **ErrorOrWarningCode**
«dataType» **FinancialAdjustmentReasonCode**	«dataType» **ForecastPurposeCode**	«dataType» **ForecastTypeCode**	«dataType» **GoodsReceiptReportingCode**	«dataType» **HandlingInstructionCode**
«dataType» **HarmonizedSystemCode**	«dataType» **IdentityDocumentTypeCode**	«dataType» **ItemScopeTypeCode**	«dataType» **InventoryActivityTypeCode**	«dataType» **InventoryMeasurementBasisTypeCode**
«dataType» **InventoryMovementTypeCode**	«dataType» **InventoryStatusCode**	«dataType» **InventorySubLocationFunctionCode**	«dataType» **InvoiceTypeCode**	«dataType» **InventorySubLocationTypeCode**

class Code J-P

GS1Code «dataType» **LegalRegistrationCode**	*GS1Code* «dataType» **LineItemActionCode**

GS1Code
«dataType»
LocationScopeParameterTypeCode

GS1Code
«dataType»
LocationScopeTypeCode

GS1Code
«dataType»
LogisticEventTypeCode

GS1Code
«dataType»
LogisticServiceRequirementCode

GS1Code
«dataType»
MaterialTypeCode

GS1Code
«dataType»
MeasurementTypeCode

GS1Code
«dataType»
ObservationTypeCode

GS1Code
«dataType»
OrderInstructionCode

GS1Code
«dataType»
OrderTypeCode

GS1Code
«dataType»
OutOfStockMeasurementTypeCode

GS1Code
«dataType»
PackageLevelCode

GS1Code
«dataType»
PackageTypeCode

GS1Code
«dataType»
PackagingConditionCode

GS1Code
«dataType»
PackagingMarkingTypeCode

GS1Code
«dataType»
PassengerCategoryCode

GS1Code
«dataType»
PaymentFormatCode

GS1Code
«dataType»
PaymentTermsEventCode

GS1Code
«dataType»
PerformanceMeasureTypeCode

GS1Code
«dataType»
PeriodicityTypeCode

GS1Code
«dataType»
PlanBucketSizeCode

GS1Code
«dataType»
PlanCommitmentLevelCode

GS1Code
«dataType»
PrintingInstructionCode

GS1Code
«dataType»
PurchaseConditionsCommitmentTypeCode

class Code Q-Z

GS1Code «dataType» **QuantitySpecificationTypeCode**	*GS1Code* «dataType» **ReceivingConditionCode**	*GS1Code* «dataType» **RemainingQuantityStatusCode**	*GS1Code* «dataType» **ResponseStatusCode**

All codes are generalizations of "GS1Code" as indicated by the text in italics at the top right hand side of the classes.

GS1Code «dataType» **SalesMeasurementTypeCode**	*GS1Code* «dataType» **SealConditionCode**	*GS1Code* «dataType» **SealTypeCode**	*GS1Code* «dataType» **ServiceLevelBasisTypeCode**

GS1Code
«dataType»
ServiceLevelMeasurementBasisTypeCode

GS1Code «dataType» **SettlementTypeCode**	*GS1Code* «dataType» **SettlementHandlingTypeCode**	*GS1Code* «dataType» **StockRequirementTypeCode**

GS1Code «dataType» **StructureTypeCode**	*GS1Code* «dataType» **SymbolComponentCode**	*GS1Code* «dataType» **SynchronisationCalculationTypeCode**

GS1Code «dataType» **TimePeriodScopeTypeCode**	*GS1Code* «dataType» **TradeItemUnitDescriptorCode**	*GS1Code* «dataType» **TransactionalReferenceTypeCode**	*GS1Code* «dataType» **TransportInstructionStatusReasonCode**	*GS1Code* «dataType» **TransportMeansTypeCode**

GS1Code «dataType» **TransportModeCode**	*GS1Code* «dataType» **TransportPartyRoleCode**	*GS1Code* «dataType» **TransportPaymentMethodCode**	*GS1Code* «dataType» **TransportReferenceTypeCode**	*GS1Code* «dataType» **TransportServiceCategoryCode**

GS1Code «dataType» **TransportServiceConditionTypeCode**	*GS1Code* «dataType» **TransportServiceLevelCode**	*GS1Code* «dataType» **TransportStatusConditionCode**	*GS1Code* «dataType» **TransportStatusReasonCode**

GS1Code «dataType» **UNLocationCode**	*GS1Code* «dataType» **VarianceReasonCode**

GDD report – eCom Codes

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
AdministrativeUnitTypeCode				Code specifying an administrative unit type. Allowed code values are specified in GS1 Code List AdministrativeUnitTypeCode.	
Generalization		GS1Code			
AppointmentTimeMeasurementBasisTypeCode				Code specifying an appointment time measurement basis type. Allowed code values are specified in GS1 Code List AppointmentTimeMeasurementBasisTypeCode.	
Generalization		GS1Code			
CargoTypeCode				Code specifying a cargo type. Allowed code values are specified in GS1 Code List CargoTypeCode.	
Generalization		GS1Code			
CreditReasonCode				Code specifying a credit reason. Allowed code values are specified in GS1 Code List CreditReasonCode.	
Generalization		GS1Code			
DangerousGoodsAttributeTypeCode				Code specifying a dangerous goods attribute type. Allowed code values are specified in GS1 Code List DangerousGoodsAttributeTypeCode.	
Generalization		GS1Code			
DangerousGoodsRegulationCode				Code specifying a dangerous goods regulation. Allowed code values are specified in GS1 Code List DangerousGoodsRegulationCode.	
Generalization		GS1Code			
DataCarrierTypeCode				Code specifying a data carrier type. Allowed code values are specified in GS1 Code List DataCarrierTypeCode.	
Generalization		GS1Code			
DeliverDateTypeCode				Code specifying a deliver date type. Allowed code values are specified in GS1 Code List DeliverDateTypeCode.	
Generalization		GS1Code			

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
DeliveryTimeMeasurementBasisTypeCode				Code specifying a delivery time measurement basis type. Allowed code values are specified in GS1 Code List DeliveryTimeMeasurementBasisTypeCode.	
Generalization		GS1Code			
DeliveryTypeCode				Code specifying a delivery type. Allowed code values are specified in GS1 Code List DeliveryTypeCode.	
Generalization		GS1Code			
DemandEstimationTypeCode				Code specifying a demand estimation type. Allowed code values are specified in GS1 Code List DemandEstimationTypeCode.	
Generalization		GS1Code			
DutyFeeTaxTypeCode				Code specifying a type of duty, fee or tax. Allowed code values are specified in GS1 Code List DutyFeeTaxTypeCode.	
Generalization		GS1Code			
EffectiveDateTypeCode				Code specifying an effective date type. Allowed code values are specified in GS1 Code List EffectiveDateTypeCode.	
Generalization		GS1Code			
ErrorOrWarningCode				Code specifying an error or warning. Allowed code values are specified in GS1 Code List ErrorOrWarningCode.	
Generalization		GS1Code			
FinancialAdjustmentReasonCode				Code specifying a financial adjustment reason. Allowed code values are specified in GS1 Code List DataSourceCode.	
Generalization		GS1Code			
ForecastPurposeCode				Code specifying a forecast purpose. Allowed code values are specified in GS1 Code List ForecastPurposeCode.	
Generalization		GS1Code			
ForecastTypeCode				Code specifying a forecast type. Allowed code values are specified in GS1 Code List ForecastTypeCode.	

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
Generalization		GS1Code			
GoodsReceiptReportingCode				Code specifying a type of goods receipt reporting. Allowed code values are specified in GS1 Code List GoodsReceiptReportingCode.	
Generalization		GS1Code			
HandlingInstructionCode				Code specifying a handling instruction. Allowed code values are specified in GS1 Code List HandlingInstructionCode.	
Generalization		GS1Code			
HarmonizedSystemCode				Code specifying a commodity type. Allowed code values are specified by the World Customs Organization (WCO) in their HS Nomenclature.	
Generalization		GS1Code			
IdentityDocumentTypeCode				Code specifying an identity document type. Allowed code values are specified in GS1 Code List IdentityDocumentTypeCode.	
Generalization		GS1Code			
InventoryActivityTypeCode				Code specifying an inventory activity type. Allowed code values are specified in GS1 Code List InventoryActivityTypeCode.	
Generalization		GS1Code			
InventoryMeasurementBasisTypeCode				Code specifying an inventory measurement basis type. Allowed code values are specified in GS1 Code List InventoryMeasurementBasisTypeCode.	
Generalization		GS1Code			
InventoryMovementTypeCode				Code specifying an inventory movement type. Allowed code values are specified in GS1 Code List InventoryMovementTypeCode.	
Generalization		GS1Code			
InventoryStatusCode				Code specifying an inventory status. Allowed code values are specified in GS1 Code List InventoryStatusCode.	
Generalization		GS1Code			
InventorySubLocationFunctionCode				Code specifying an inventory sub-location function. Allowed code values are specified in GS1 Code List InventorySubLocationFunctionCode.	

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
Generalization		GS1Code			
InventorySubLocationTypeCode				Code specifying an inventory sub-location type. Allowed code values are specified in GS1 Code List InventorySubLocationTypeCode.	
Generalization		GS1Code			
InvoiceTypeCode				Code specifying an invoice type. Allowed code values are specified in GS1 Code List InvoiceTypeCode.	
Generalization		GS1Code			
ItemScopeTypeCode				Code specifying an item scope type. Allowed code values are specified in GS1 Code List ItemScopeTypeCode.	
Generalization		GS1Code			
LegalRegistrationCode				Code specifying a type of legal registration. Allowed code values are specified in GS1 Code List LegalRegistrationCode.	
Generalization		GS1Code			
LineItemActionCode				Code specifying a line item action. Allowed code values are specified in GS1 Code List LineItemActionCode.	
Generalization		GS1Code			
LocationScopeParameterTypeCode				Code specifying a location scope parameter type. Allowed code values are specified in GS1 Code List LocationParameterScopeTypeCode.	
Generalization		GS1Code			
LocationScopeTypeCode				Code specifying a location scope type. Allowed code values are specified in GS1 Code List LocationScopeTypeCode.	
Generalization		GS1Code			
LogisticEventTypeCode				Code specifying a logistic event type. Allowed code values are specified in GS1 Code List LogisticEventTypeCode.	
Generalization		GS1Code			
LogisticServiceRequirementCode				Code specifying a logistic service requirement. Allowed code values are specified in GS1 Code List LogisticServiceRequirementCode.	

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
Generalization		GS1Code			
MaterialTypeCode				Code specifying a type of material. Allowed code values are specified in GS1 Code List MaterialTypeCode.	
Generalization		GS1Code			
MeasurementTypeCode				Code specifying a type of measurement. Allowed code values are specified in GS1 Code List MeasurementTypeCode.	
Generalization		GS1Code			
ObservationTypeCode				Code specifying an observation type. Allowed code values are specified in GS1 Code List ObservationTypeCode.	
Generalization		GS1Code			
OrderInstructionCode				Code specifying an order instruction. Allowed code values are specified in GS1 Code List OrderInstructionCode.	
Generalization		GS1Code			
OrderTypeCode				Code specifying an order type. Allowed code values are specified in GS1 Code List OrderTypeCode.	
Generalization		GS1Code			
OutOfStockMeasurementTypeCode				Code specifying an out of stock measurement type. Allowed code values are specified in GS1 Code List OutOfStockMeasurementTypeCode.	
Generalization		GS1Code			
PackageLevelCode				Code specifying a package level. Allowed code values are specified in GS1 Code List PackageLevelCode.	
Generalization		GS1Code			
PackageTypeCode				Code specifying a package type. Allowed code values are specified in UN/ECE Recommendation 21.	
Generalization		GS1Code			
PackagingConditionCode				Code specifying a packaging quality condition. Allowed code values are specified in GS1 Code List PackagingConditionCode.	

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
Generalization		GS1Code			
PackagingMarkingTypeCode				Code specifying an packaging marking type. Allowed code values are specified in GS1 Code List PackagingMarkingTypeCode.	
Generalization		GS1Code			
PaymentFormatCode				Code specifying a payment format. Allowed code values are specified in GS1 Code List PaymentFormatCode.	
Generalization		GS1Code			
PaymentTermsEventCode				Code specifying a payment terms event. Allowed code values are specified in GS1 Code List PaymentTermsEventCode.	
Generalization		GS1Code			
PerformanceMeasureTypeCode				Code specifying a performance measure type. Allowed code values are specified in GS1 Code List PerformanceMeasureTypeCode.	
Generalization		GS1Code			
PeriodicityTypeCode				Code specifying a periodicity type. Allowed code values are specified in GS1 Code List PeriodicityTypeCode.	
Generalization		GS1Code			
PlanBucketSizeCode				Code specifying a plan bucket size. Allowed code values are specified in GS1 Code List PlanBucketSizeCode.	
Generalization		GS1Code			
PlanComitmentLevelCode				Code specifying a plan commitment level. Allowed code values are specified in GS1 Code List PlanCommitmentLevelCode.	
Generalization		GS1Code			
PrintingInstructionCode				Code specifying a printing instruction. Allowed code values are specified in GS1 Code List PrintingInstructionCode.	
Generalization		GS1Code			

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
PurchaseConditionsCommitmentTypeCode				Code specifying a purchase conditions commitment type. Allowed code values are specified in GS1 Code List PurchaseConditionsCommitmentTypeCode.	
Generalization		GS1Code			
QuantitySpecificationTypeCode				Code specifying a quantity type. Allowed code values are specified in GS1 Code List QuantitySpecificationTypeCode.	
Generalization		GS1Code			
ReceivingConditionCode				Code specifying a receiving condition. Allowed code values are specified in GS1 Code List ReceivingConditionCode.	
Generalization		GS1Code			
RemainingQuantityStatusCode				Code specifying a remaining quantity status. Allowed code values are specified in GS1 Code List RemainingQuantityStatusCode.	
Generalization		GS1Code			
ResponseStatusCode				Code specifying a response status. Allowed code values are specified in GS1 Code List ResponseStatusCode.	
Generalization		GS1Code			
SalesMeasurementTypeCode				Code specifying a sales measurement type code. Allowed code values are specified in GS1 Code List SalesMeasurementTypeCode.	
Generalization		GS1Code			
SealConditionCode				Code specifying a seal condition. Allowed code values are specified in GS1 Code List SealConditionCode.	
Generalization		GS1Code			
SealTypeCode				Code specifying a seal type. Allowed code values are specified in GS1 Code List SealTypeCode.	
Generalization		GS1Code			
ServiceLevelBasisTypeCode				Code specifying a service level basis type. Allowed code values are specified in GS1 Code List ServiceLevelBasisTypeCode.	
Generalization		GS1Code			

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
ServiceLevelMeasurementBasisTypeCode				Code specifying a service level measurement basis type. Allowed code values are specified in GS1 Code List ServiceLevelMeasurementBasisTypeCode.	
Generalization		GS1Code			
SettlementHandlingTypeCode				Code specifying a settlement handling type. Allowed code values are specified in GS1 Code List SettlementHandlingTypeCode.	
Generalization		GS1Code			
SettlementTypeCode				Code specifying a settlement type. Allowed code values are specified in GS1 Code List SettlementTypeCode.	
Generalization		GS1Code			
StockRequirementTypeCode				Code specifying a stock requirement type. Allowed code values are specified in GS1 Code List StockRequirementTypeCode.	
Generalization		GS1Code			
StructureTypeCode				Code specifying a structure type. Allowed code values are specified in GS1 Code List StructureTypeCode.	
Generalization		GS1Code			
SymbolComponentCode				Code specifying a symbol component. Allowed code values are specified in GS1 Code List SymbolComponentCode.	
Generalization		GS1Code			
SynchronisationCalculationTypeCode				Code specifying a □abelled□ion□on calculation type. Allowed code values are specified in GS1 Code List SynchronisationCalculationTypeCode.	
Generalization		GS1Code			
TimePeriodScopeTypeCode				Code specifying a time period scope type. Allowed code values are specified in GS1 Code List TimePeriodScopeTypeCode.	
Generalization		GS1Code			
TradeItemUnitDescriptorCode				Code specifying a trade item unit. Allowed code values are specified in GS1 Code List TradeItemUnitDescriptorCode.	

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
Generalization		GS1Code			
TransactionalReferenceTypeCode				Code specifying a transactional reference type. Allowed code values are specified in GS1 Code List TransactionalReferenceTypeCode.	
Generalization		GS1Code			
TransportInstructionStatusReasonCode				Code specifying a transport instruction status reason. Allowed code values are specified in GS1 Code List TransportInstructionStatusReasonCode.	
Generalization		GS1Code			
TransportMeansTypeCode				Code specifying a transport means type. Allowed code values are specified in GS1 Code List TransportMeansTypeCode.	
Generalization		GS1Code			
TransportModeCode				Code specifying a transport mode. Allowed code values are specified in GS1 Code List TransportModeCode.	
Generalization		GS1Code			
TransportPartyRoleCode				Code specifying a transport party role. Allowed code values are specified in GS1 Code List TransportPartyRoleCode.	
Generalization		GS1Code			
TransportPaymentMethodCode				Code specifying a transport payment method. Allowed code values are specified in GS1 Code List TransportPaymentMethodCode.	
Generalization		GS1Code			
TransportReferenceTypeCode				Code specifying a transport reference type. Allowed code values are specified in GS1 Code List TransportReferenceTypeCode.	
Generalization		GS1Code			
TransportServiceCategoryCode				Code specifying a transport service category. Allowed code values are specified in GS1 Code List TransportServiceCategoryCode.	
Generalization		GS1Code			
TransportServiceConditionTypeCode				Code specifying a transport service condition. Allowed code values are specified in GS1 Code List TransportServiceConditionCode.	

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
Generalization		GS1Code			
TransportServiceLevelCode				Code specifying a transport service level. Allowed code values are specified in GS1 Code List TransportServiceLevelCode.	
Generalization		GS1Code			
TransportStatusConditionCode				Code specifying a transport status condition. Allowed code values are specified in GS1 Code List TransportStatusConditionCode.	
Generalization		GS1Code			
TransportStatusReasonCode				Code specifying a transport status reason. Allowed code values are specified in GS1 Code List TransportStatusReasonCode.	
Generalization		GS1Code			
UNLocationCode				Code specifying a location used in trade or transport. Allowed code values are specified in the United Nations Code for Trade and Transport Locations (UN/LOCODE).	
Generalization		GS1Code			
VarianceReasonCode				Code specifying a variance reason. Allowed code values are specified in GS1 Code List VarianceReasonCode.	
Generalization		GS1Code			
CustomsWarehouseStatusCode				Code specifying a customs warehouse status. Allowed code values are specified in GS1 Code List CustomsWarehouseStatusCode.	
Generalization		GS1Code			

4.1.3. Enumerations

Class Diagram
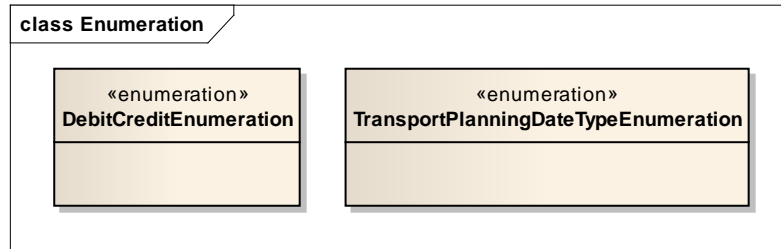
4.2. Components

4.2.1. Administrative Unit

Class Diagram
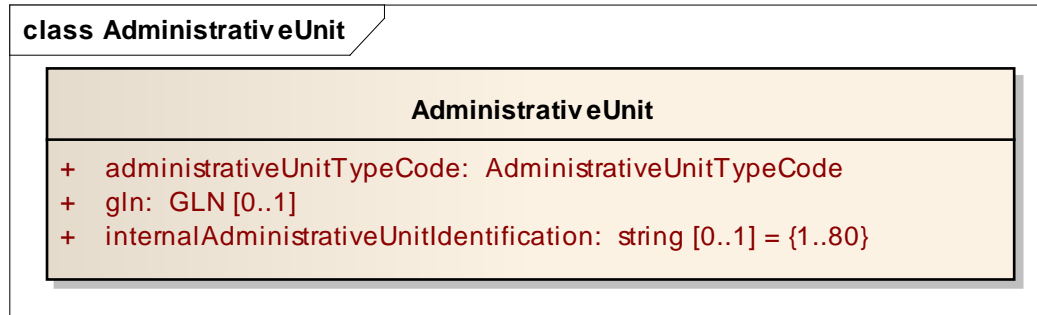
class AdministrativeUnit

AdministrativeUnit

+ administrativeUnitTypeCode: AdministrativeUnitTypeCode
+ gln: GLN [0..1]
+ internalAdministrativeUnitIdentification: string [0..1] = {1..80}

GDD Report

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
AdministrativeUnit				An organizational grouping used for internal planning, control and accounting purposes.	
Attribute	administrativeUnitTypeCode	AdministrativeUnitTypeCode	1..1	Code specifying the type of this administrative unit.	
Attribute	gln	GLN	0..1	The Global Location Number (GLN) identifying this administrative unit.	
Attribute	internalAdministrativeUnitIdentification	string	0..1	Internal identifier of this administrative unit.	

4.2.2. Allowance Charge

Class Diagram
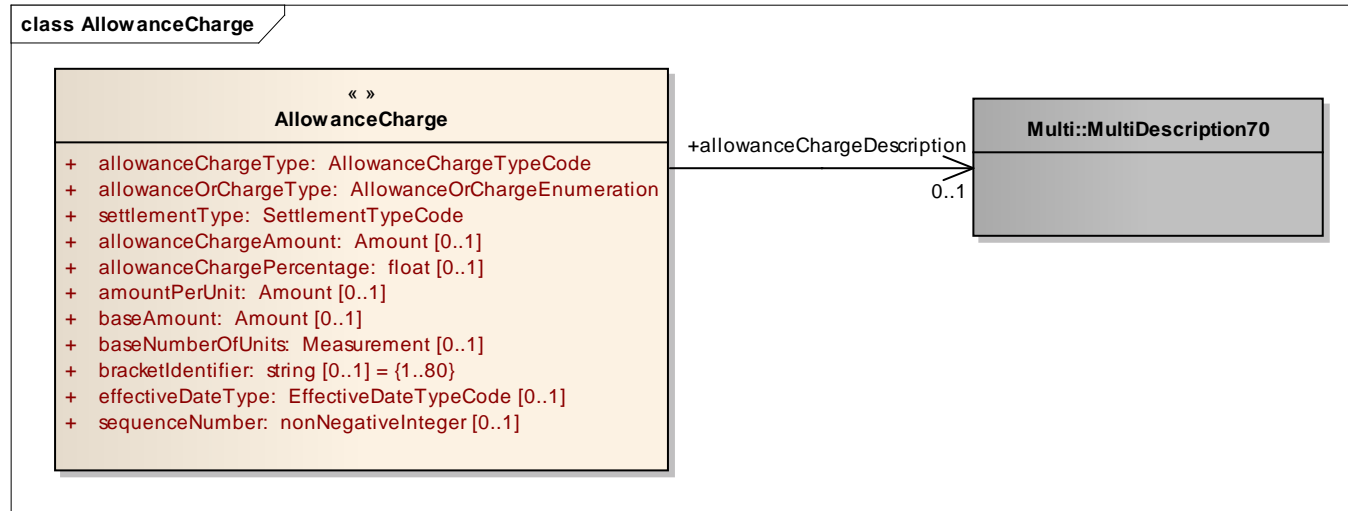
GDD Report

content	datatype /secondary class	attribute / role	multiplicity	definition	requirements
AllowanceCharge				Specifies allowances and charges specified to either the entire message or to individual line items contained in the message.	
Association	MultiDescription70	allowanceChargeDescription	[0..1]	A text explanation of the allowance or charge.	
Attribute	AllowanceChargeTypeCode	allowanceChargeType	[1..1]	The identification of an allowance charge selected from a predefined list.	
Attribute	AllowanceOrChargeEnumeration	allowanceOrChargeType	[1..1]	Code specifying whether this is an allowance or a charge.	
Attribute	SettlementTypeCode	settlementType	[1..1]	Code specifying the type of settlement for the allowance or charge.	
Attribute	Amount	allowanceChargeAmount	[0..1]	Amount of allowance or charge applicable.	

content	datatype /secondary class	attribute / role	multiplicity	definition	requirements
Attribute	float	allowanceChargePercentage	[0..1]	Allowance and charges can be expressed in different ways. By using percentage, they are expressed as a percentage of another amount, e.g. the base amount.	
Attribute	Amount	amountPerUnit	[0..1]	Allowance/charge per unit expressed as an amount.	
Attribute	Amount	baseAmount	[0..1]	The amount on which the calculation of the allowance or charge is based.	
Attribute	Measurement	baseNumberOfUnits	[0..1]	Number of units on which the allowance or charge is based.	
Attribute	string	bracketIdentifier	[0..1]	Identification of the conditions that apply to the allowance or charge.	
Attribute	EffectiveDateTypeCode	effectiveDateType	[0..1]	Code specifying the type of date that effectuates the allowance or charge.	
Attribute	nonNegativeInteger	sequenceNumber	[0..1]	A number used to indicate the order in which the allowances or charges are to be calculated.	

4.2.3.   Carrier Pick-up Drop-off Details

Class Diagram
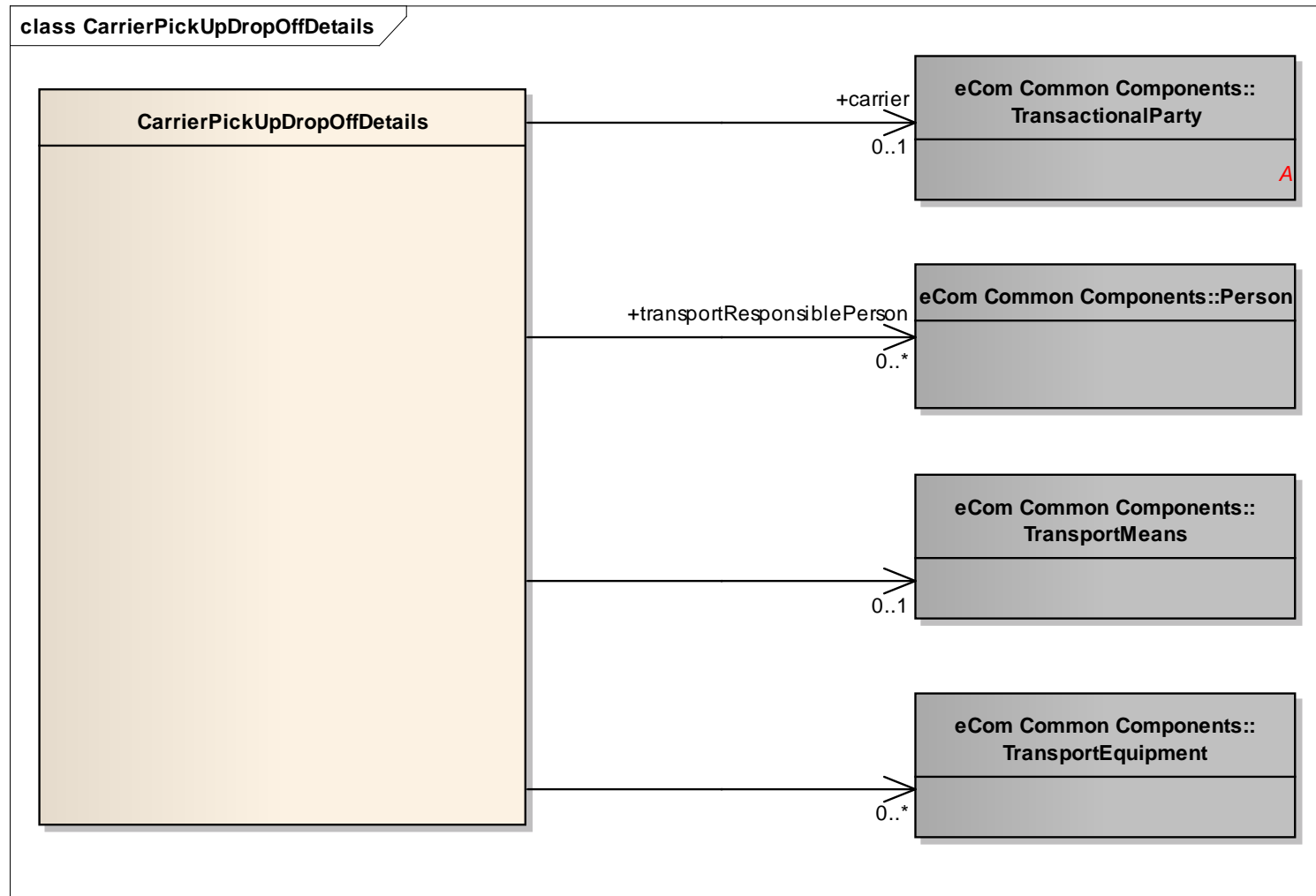
GDD Report

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
CarrierPickUpDropOffDetails					
Association		TransportMeans	0..1	Details on the transport means used for the transport.	
Association	transportResponsiblePerson	Person	0..*	The person responsible for the execution of this pick-up or drop-off, for example the driver.	
Association	carrier	TransactionalParty	0..1	The party that will collect, transport and deliver the goods.	
Association		TransportEquipment	0..*	Details on the transport equipment used for the transport.	

4.2.4. Collaborative Trade Item

Class Diagram
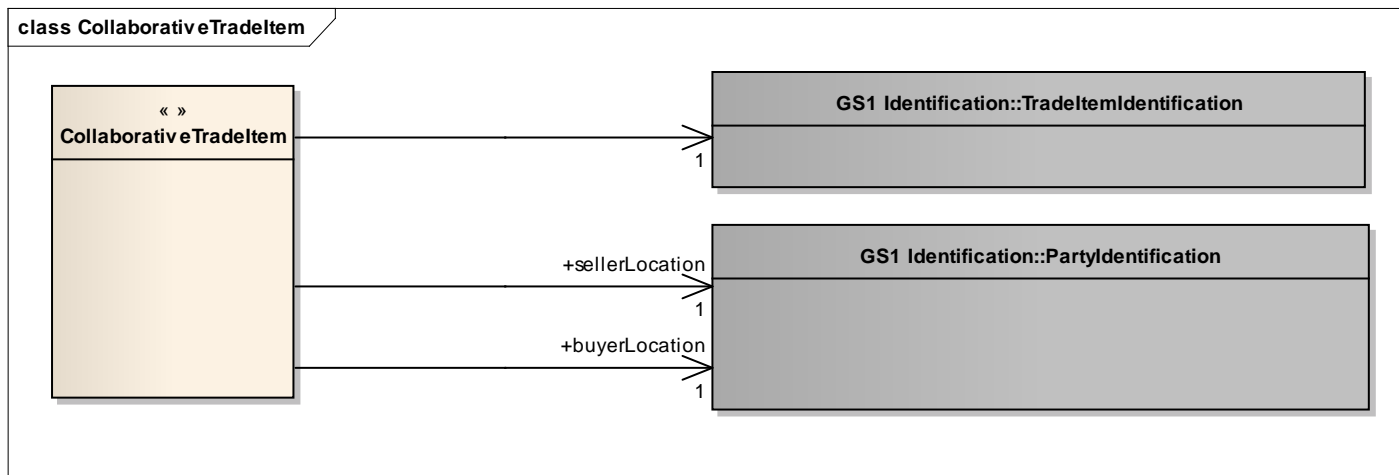
GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
CollaborativeTradeItem				Collaborative Trade Item identifies the product with the buyer and seller locations.	
Association	sellerLocation	PartyIdentification	[1..1]	The identification of the seller location for this collaborative trade item.	
Association	buyerLocation	PartyIdentification	[1..1]	The identification of the buyer location for this collaborative trade item.	
Association		TradeItemIdentification	[1..1]	Provides the GTIN as the unique identifier for the item and optionally additional formats of non GTIN identifiers for the item.	

4.2.5.   Dangerous Goods Attribute

Class Diagram
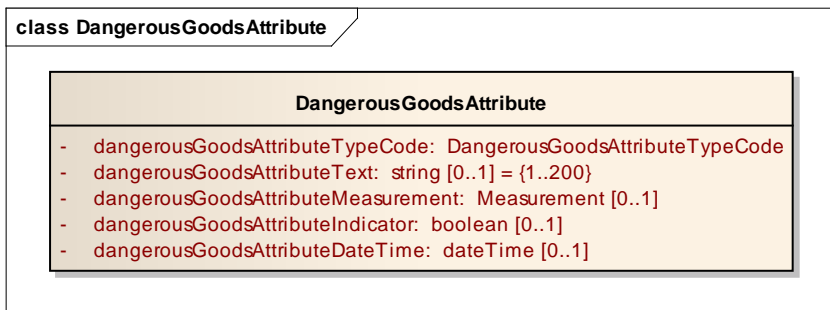
GDD Report

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
DangerousGoodsAttribute				Hazardous instructions attribute details specific to a particular dangerous goods regulation.	
Attribute	dangerousGoodsAttributeTypeCode	DangerousGoodsAttributeTypeCode	1..1	Code specifying the type of dangerous goods attribute.	
Attribute	dangerousGoodsAttributeText	string	0..1	Textual value of the dangerous goods attribute.	
Attribute	dangerousGoodsAttributeMeasurement	Measurement	0..1	Measurement value of the dangerous goods attribute.	
Attribute	dangerousGoodsAttributeIndicator	boolean	0..1	Boolean value of the dangerous goods attribute.	
Attribute	dangerousGoodsAttributeDateTime	dateTime	0..1	Date time value of the dangerous goods attribute.	

4.2.6.   Dangerous Goods Information

Class Diagram

GDD Report

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
DangerousGoodsInformation				Hazardous instructions applicable to delivered goods, such as where or how specified packages or containers are to be handled because of restriction from dangerous goods.	
Association		DangerousGoodsRegulationInformation	0..*	Hazardous instructions applicable to delivered goods according to a particular dangerous goods regulation.	
Association		Contact	0..*	A contact in relation to the handling of hazardous materials.	

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
Attribute	dangerousGoodsShippingName	Description200	1..1	Shipping name of the trade item (dangerous goods). Regulations provide a list of all acceptable proper shipping names.	
Attribute	dangerousGoodsTechnicalName	Description200	0..1	A technical name provided for a hazardous good by an ▢abelled▢ion or regulation.	
Attribute	dangerousGoodsUNIdentifier	Identifier	1..1	Number to identify hazardous substances or articles, as defined by United Nations Committee of Experts on the Transport of Dangerous Goods.	
Attribute	dangerousGoodsDescription	Description1000	0..1	Description of the hazardous materials.	

4.2.7. Dangerous Goods Regulation Information

Class Diagram

GDD Report

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
DangerousGoodsRegulationInformation				Hazardous instructions applicable to delivered goods according to a particular dangerous goods regulation.	
Association		DangerousGoodsAttribute	0..*	Hazardous instructions attribute details specific to a particular dangerous goods regulation.	
Attribute	dangerousGoodsRegulationCode	DangerousGoodsRegulationCode	1..1	An indication of the classification system(s) of dangerous goods and/or the Agency(ies) responsible for it.	
Attribute	dangerousGoodsRegulationName	string	0..1	The name of the classification system(s) of dangerous goods and/or the Agency(ies) responsible for it.	
Attribute	dangerousGoodsHazardClass	string	1..1	The name of the class within the classification of hazardous materials for example Class A.	
Attribute	dangerousGoodsPackingGroup	string	0..1	Identifies the degree of risk these dangerous goods present during transport according to the specified regulation.	

4.2.8.   Deliver Date Information
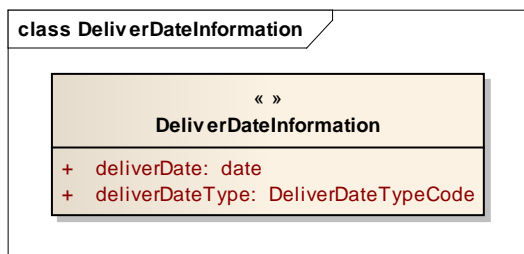
Class Diagram

GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
DeliverDateInformation				Provides the date information for the shipment.	
Attribute	deliverDate	date	[1..1]	The date on which the shipment is delivered	
Attribute	deliverDateType	DeliverDateTypeCode	[1..1]	A code identifying the type of date on which goods or services will or have been delivered.	

4.2.9.   Delivery Terms

Class Diagram
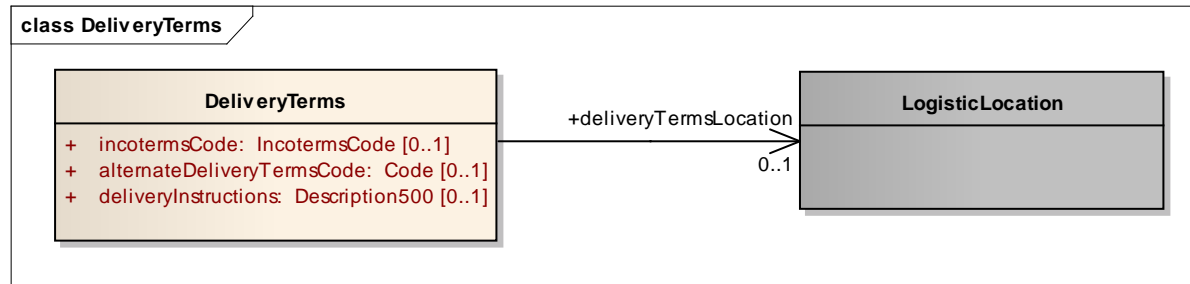
GDD Report

content	datatype /secondary class	attribute / role	multiplicity	definition	requirements
DeliveryTerms				The applicable legal, customs, financial and insurance terms that have been agreed for a goods delivery.	
Association	LogisticLocation	deliveryTermsLocation	[0..1]	Location that is applicable to these delivery terms, such as the Free On Board (FOB) destination location.	
Attribute	IncotermsCode	incotermsCode	[0..1]	Code specifying the incoterms. Incoterms is an abbreviation for International Commercial Terms. The International Chamber of Commerce manages the Incoterms codes and their definitions.	
Attribute	Code	alternateDeliveryTermsCode	[0..1]	Code specifying the delivery terms according to a system other than the Incoterms.	
Attribute	Description500	deliveryInstructions	[0..1]	Instructions on the final delivery of the goods.	

4.2.10. Despatch Information

Class Diagram
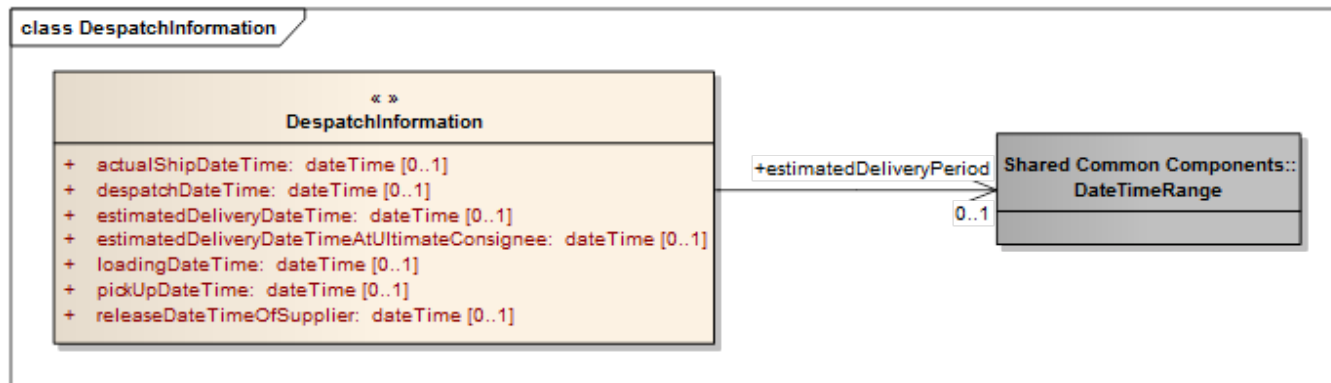
GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
DespatchInformation				Information with regards to the despatching or shipping of goods.	
Association	estimatedDeliveryPeriod	DateTimeRange	[0..1]	Date time range in which the goods are expected to be delivered.	
Attribute	actualShipDateTime	dateTime	[0..1]	The date and time the goods were shipped.	
Attribute	despatchDateTime	DateTime	[0..1]	Date/time on which the goods are or are expected to be despatched or shipped.	
Attribute	estimatedDeliveryDateTime	dateTime	[0..1]	The estimated date and time of delivery.	
Attribute	estimatedDeliveryDateTimeAtUltimateconsignee	dateTime	[0..1]	The estimated date and time of delivery at the ultimate consignee	
Attribute	loadingDateTime	DateTime	[0..1]	The date time when the goods are loaded for transport.	
Attribute	pickUpDateTime	DateTime	[0..1]	Date/time at which the cargo is picked up.	
Attribute	releaseDateTimeOfSupplier	DateTime	[0..1]	Date/Time when the supplier released goods.	

4.2.11. Digital Signature

Class Diagram
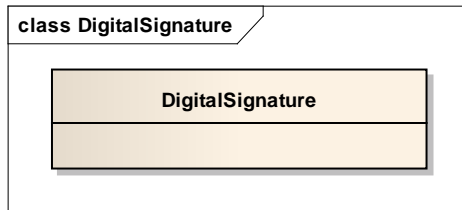
GDD Report

Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
DigitalSignature				Encrypted data used to electronically sign a document.	

4.2.1. Duty Fee Tax Registration

Class Diagram
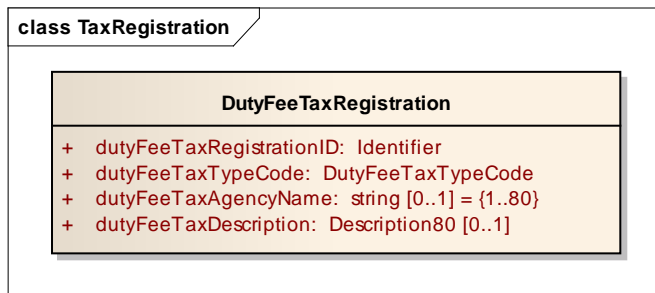
GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
DutyFeeTaxRegistration				The party registration details for a particular duty, tax or fee.	
Attribute	dutyFeeTaxRegistrationID	Identifier	[1..1]	Identifier of the party for this particular duty, fee or tax.	
Attribute	dutyFeeTaxTypeCode	DutyFeeTaxTypeCode	[1..1]	Code specifying the type of duty, fee or tax.	
Attribute	dutyFeeTaxAgencyName	string	[0..1]	Agency responsible for the collection of this duty, fee or tax.	
Attribute	dutyFeeTaxDescription	Description80	[0..1]	Textual description of this duty, fee or tax.	

4.2.2. Financial Institution Information
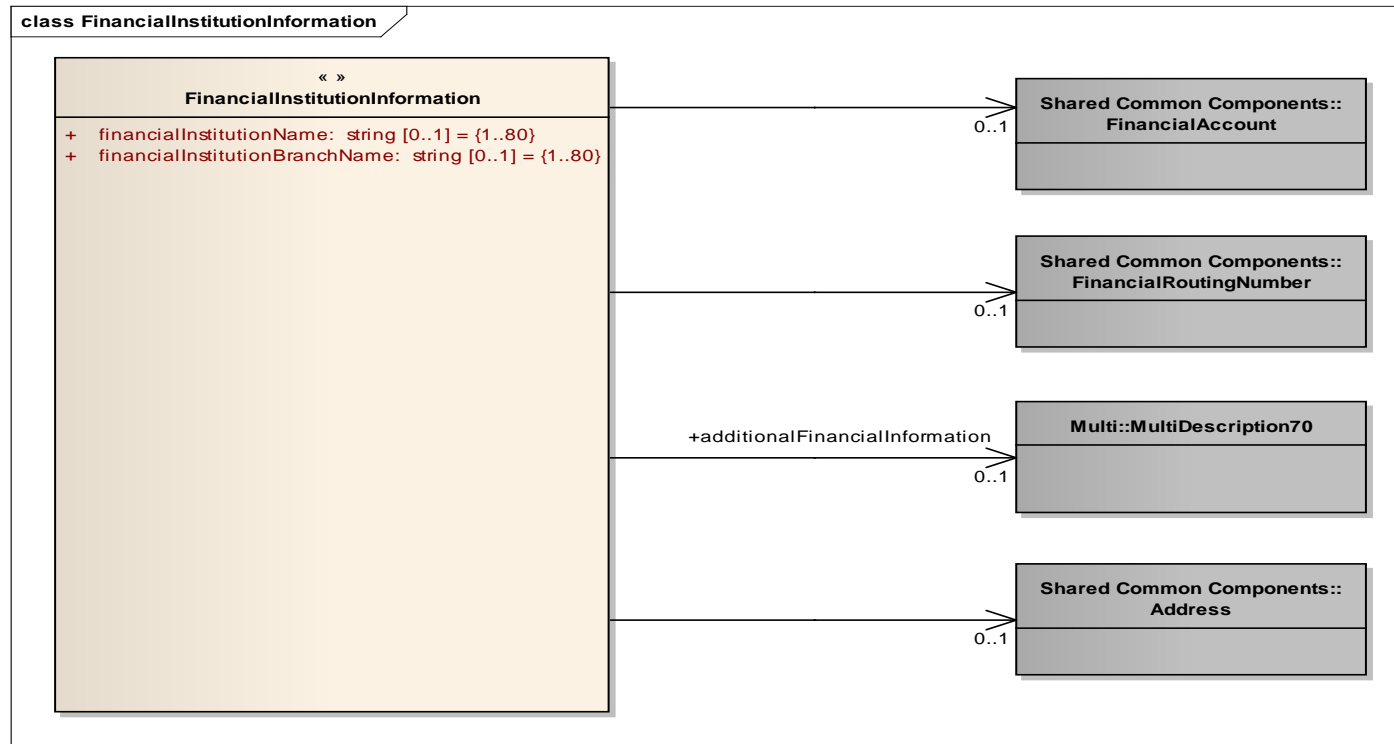
Class Diagram

GDD Report

content	attribute / role	datatype /secondary class	multiplic ity	definition	require ments
FinancialInstitutionInformation				Information on a financial account and related financial institution.	
Association	additionalFinancialInfor mation	MultiDescription70	[0..1]	A description used to provide any additional information about a financial institution.	
Association		Address	[0..1]	The company name and address of a financial institution.	
Association		FinancialAccount	[0..1]	Information identifying a client's financial account with a financial institution.	
Association		FinancialRoutingNumber	[0..1]	Provides the Routing Number for the Financial Institution.	
Attribute	financialInstitutionName	String	[0..1]	The name of the account holder's financial institution.	
Attribute	financialInstitutionBranc hName	String	[0..1]	The name of a division or location of the account holder's financial institution.	

4.2.3. Handling Instruction

Class Diagram
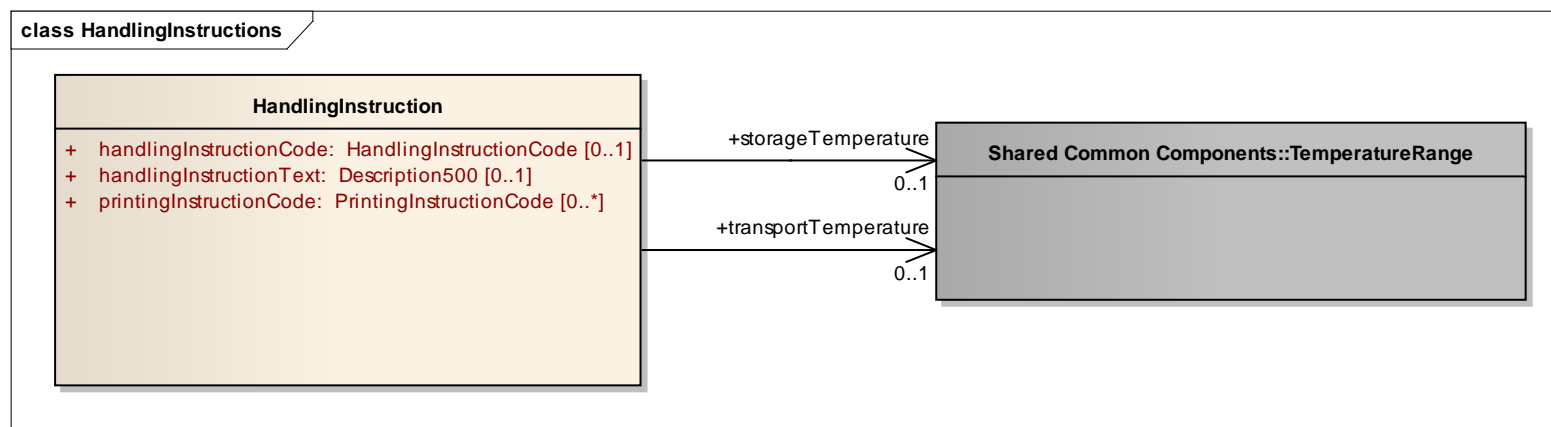
GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
HandlingInstruction				Instruction on the way to treat goods during transport and storage.	
Association	storageTemperature	TemperatureRange	[0..1]	The minimum and maximum temperature applicable to the storage of goods.	
Association	transportTemperature	TemperatureRange	[0..1]	The minimum and maximum temperature applicable to the transportation of goods.	
Attribute	handlingInstructionCode	HandlingInstructionCode	[0..1]	Code specifying an instruction applicable to the transport or storage of goods.	
Attribute	handlingInstructionText	Description500	[0..1]	Free text instruction applicable to the transport or storage of goods.	
Attribute	printingInstructionCode	PrintingInstructionCode	[0..*]	Code specifying the document on which the specified information needs to be printed.	

4.2.4.   Identity Document

Class Diagram


```
class IdentityDocument

                    IdentityDocument
    +   identityDocumentNumber:  string = {1..80}
    +   identityDocumentType:  IdentityDocumentTypeCode
    +   identityDocumentIssuer:  string [0..1] = {1..80}
```

GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
IdentityDocument				An identity document is any document, which may be used to verify aspects of a person's personal identity or of a person's relationship with an organisation. If issued in the form of a small, mostly standard-sized card, it is usually called an identity card (IC).	
Attribute	identityDocumentNumber	string	[1..1]	Unique identifier in this identity document intended to identify a particular person.	
Attribute	identityDocumentType	IdentityDocumentTypeCode	[1..1]	Code specifying the type of identity document.	
Attribute	identityDocumentIssuer	string	[0..1]	Text specifying the issuer of the identity document.	

4.2.5.   Installment Due

Class Diagram
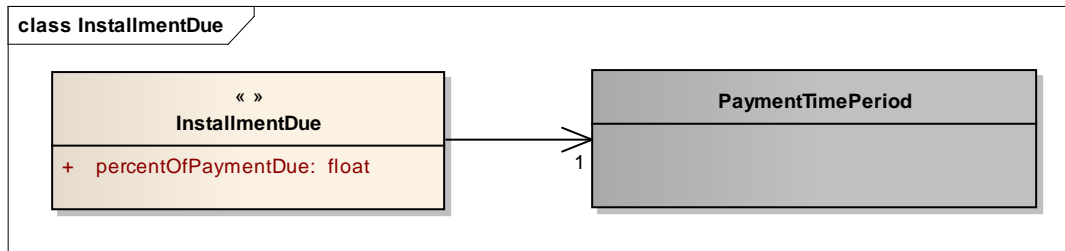
GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
InstallmentDue				Specifies the percentage amount of the payment due for a Payment Time Period.	
Association		PaymentTimePeriod	[1..1]	This information on Payment Time Period for an instalment.	
Attribute	percentOfPaymentDue	float	[1..1]	Specifies the exact amount of the payment due this payment period. The amount is expressed as a percent.	

4.2.6. Inventory Duty Fee Tax Status

Class Diagram
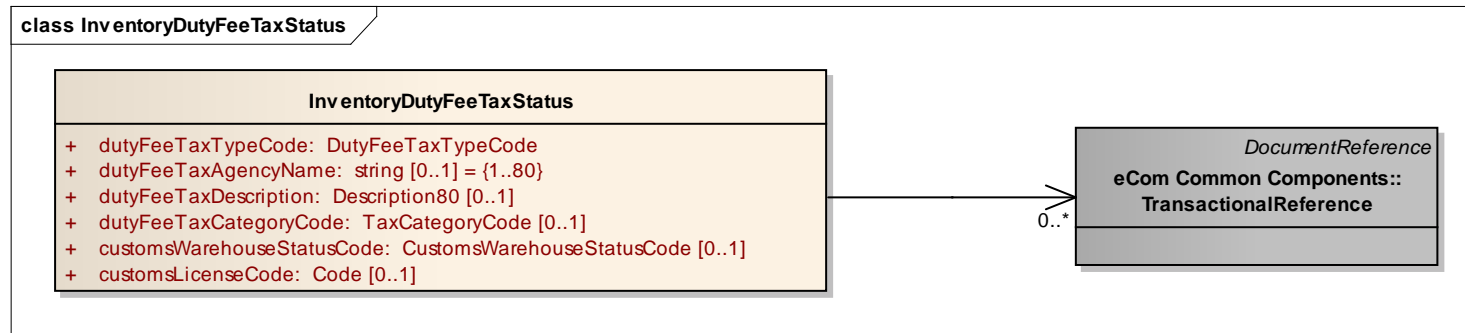

```
class InventoryDutyFeeTaxStatus

                    InventoryDutyFeeTaxStatus
    +  dutyFeeTaxTypeCode:  DutyFeeTaxTypeCode
    +  dutyFeeTaxAgencyName:  string [0..1] = {1..80}
    +  dutyFeeTaxDescription:  Description80 [0..1]
    +  dutyFeeTaxCategoryCode:  TaxCategoryCode [0..1]
    +  customsWarehouseStatusCode:  CustomsWarehouseStatusCode [0..1]
    +  customsLicenseCode:  Code [0..1]


                                              DocumentReference
                                    eCom Common Components::
                                        TransactionalReference
                              0..*
```

GDD Report

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
InventoryDutyFeeTaxStatus				The inventory status details related to a particular duty, tax or fee.	
Association		TransactionalReference	0..*		
Attribute	dutyFeeTaxTypeCode	DutyFeeTaxTypeCode	1..1	Code specifying the type of duty, fee or tax.	
Attribute	dutyFeeTaxAgencyName	string	0..1	Agency responsible for the collection of this duty, fee or tax.	
Attribute	dutyFeeTaxDescription	Description80	0..1	Textual description of this duty, fee or tax.	
Attribute	dutyFeeTaxCategoryCode	TaxCategoryCode	0..1	Code specifying the applicable charge category for this duty, fee or tax. For example low, high, exempt.	
Attribute	customsWarehouseStatusCode	CustomsWarehouseStatusCode	0..1	Code specifying the customs warehouse status of the goods, for example free circulation.	

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
Attribute	customsLicenseCode	Code	0..1	Code specifying the type of customs license that relates to the customs status of the goods. For example Entrepot Type E.	

4.2.7.   Inventory Status Quantity Specification
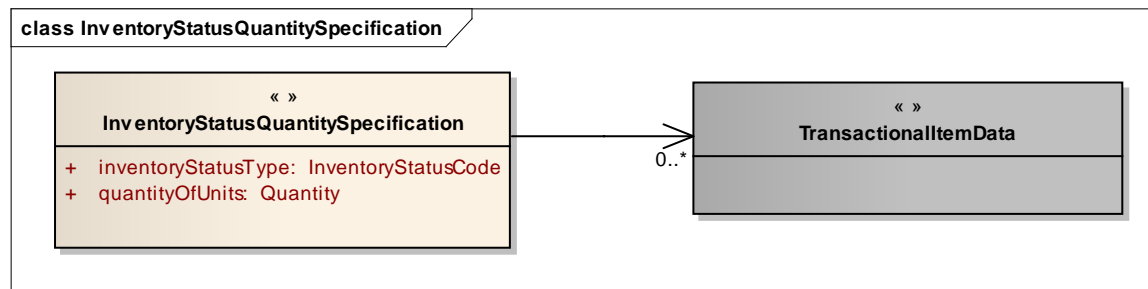
Class Diagram

GDD Report

Content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
InventoryStatusQuantitySpecification				Supplies the inventory status information with the quantity and the inventory status type.	
Association		TransactionalItemData	[0..*]	Extended attributes describing the characteristics and history of the goods.	
Attribute	inventoryStatusType	InventoryStatusCode	[1..1]	Code specifying the inventory status of the goods.	
Attribute	quantityOfUnits	Quantity	[1..1]	Quantity of goods with the specified inventory status.	

4.2.8. Inventory Sub Location

Class Diagram
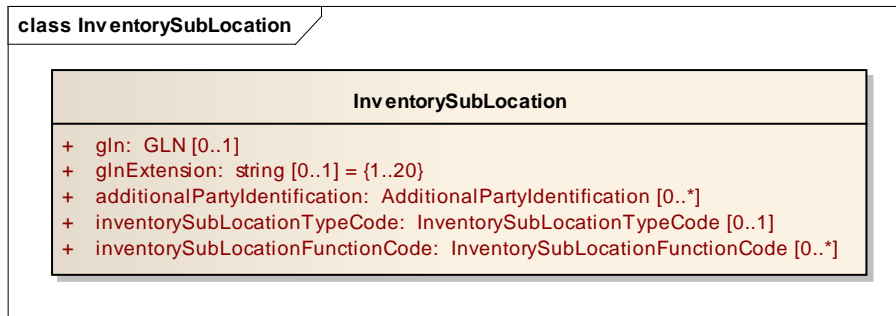
```
class InventorySubLocation

                    InventorySubLocation
+   gln:  GLN [0..1]
+   glnExtension:  string [0..1] = {1..20}
+   additionalPartyIdentification:  AdditionalPartyIdentification [0..*]
+   inventorySubLocationTypeCode:  InventorySubLocationTypeCode [0..1]
+   inventorySubLocationFunctionCode:  InventorySubLocationFunctionCode [0..*]
```

GDD Report

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
InventorySubLocation				An inventory sub location is a physical subdivision within a warehouse. Examples of physical subdivisions: dock, bin, rack, yard.	
Attribute	gln	GLN	0..1	The Global Location Number (GLN) used to identify the sub-location.	
Attribute	glnExtension	string	0..1	Text used to further identify internal physical locations within an inventory sub-location which is identified with a GLN.	

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
Attribute	additionalPartyIdentification	AdditionalPartyIdentification	0..*	Identifier of the sub-location other than the GLN.	
Attribute	inventorySubLocationTypeCode	InventorySubLocationTypeCode	0..1	Code specifying the primary business function of the physical location.	
Attribute	inventorySubLocationFunctionCode	InventorySubLocationFunctionCode	0..*	Code that further qualifiers the business function of the inventory sub location. For example frozen area.	

4.2.9. Invoice Document Reference

Class Diagram
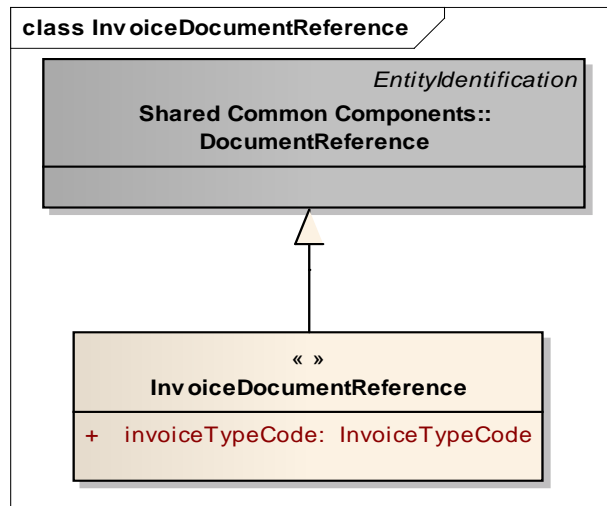
GDD Report

Content	Attribute / Role	Datatype /Secondary class	Multipli city	Definition	Requirements
InvoiceDocumentReference				Information on an invoice that is referenced in another business document.	
Generalization		DocumentReference		Provides the details of the referenced document.	
Attribute	invoiceTypeCode	InvoiceTypeCode	1..1	Code specifying the type of invoice.	

4.2.10. Legal Registration

Class Diagram
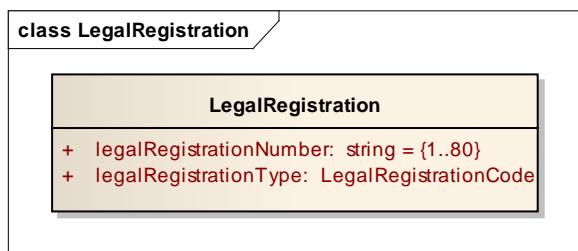
GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
LegalRegistration				The registration details of an organisation in a particular legal register.	
Attribute	legalRegistrationNumber	string	[1..1]	Unique identifier of the organisation in the legal register.	
Attribute	legalRegistrationType	LegalRegistrationCode	[1..1]	Code specifying the type of legal register.	

4.2.11. Levied Duty Fee Tax

Class Diagram

```
class LeviedTaxFee

                    LeviedDutyFeeTax

    +   dutyFeeTaxAccountingCurrency:  CurrencyCode [0..1]
    +   dutyFeeTaxAgencyName:  string [0..1] = {1..80}
    +   dutyFeeTaxAmount:  Amount [0..1]
    +   dutyFeeTaxAmountInAccountingCurrency:  Amount [0..1]
    +   dutyFeeTaxBasisAmount:  Amount [0..1]
    +   dutyFeeTaxBasisAmountInAccountingCurrency:  Amount [0..1]
    +   dutyFeeTaxCategoryCode:  TaxCategoryCode [0..1]
    +   dutyFeeTaxDescription:  Description80 [0..1]
    +   dutyFeeTaxExemptionDescription:  Description80 [0..1]
    +   dutyFeeTaxPercentage:  float [0..1]
    +   dutyFeeTaxPointDate:  date [0..1]
    +   dutyFeeTaxTypeCode:  DutyFeeTaxTypeCode [0..1]
    +   extension:  Extension [0..1]
```

GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
LeviedDutyFeeTax				A duty, fee or tax charged in a particular trade transaction.	
Attribute	dutyFeeTaxAccountingCurrency	CurrencyCode	[0..1]	The monetary unit used in the calculation of the duty, tax or fee.	
Attribute	dutyFeeTaxAgencyName	string	[0..1]	Agency responsible for the collection of this duty, fee or tax.	
Attribute	dutyFeeTaxAmount	Amount	[0..1]	The monetary amount being charged for this duty, fee or tax.	
Attribute	dutyFeeTaxAmountInAccountingCurrency	Amount	[0..1]	The monetary amount being charged for this duty, fee or tax, expressed in the accounting currency.	
Attribute	dutyFeeTaxBasisAmount	Amount	[0..1]	The monetary amount on which the calculation of the charged amount is based.	
Attribute	dutyFeeTaxBasisAmountInAccountingCurrency	Amount	[0..1]	The monetary amount on which the calculation of the charged amount is based, expressed in the accounting currency.	

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
Attribute	dutyFeeTaxCategoryCode	TaxCategoryCode	[0..1]	Code specifying the applicable charge category for this duty, fee or tax. For example low, high, exempt.	
Attribute	dutyFeeTaxDescription	Description80	[0..1]	Textual description of this duty, fee or tax. For example, "Taxes sur les supports audio" or WEEE for "Waste Electrical and Electronic Equipment".	
Attribute	dutyFeeTaxExemptionDescription	Description80	[0..1]	Textual description of the reason for being exempt for this duty, fee or tax.	
Attribute	dutyFeeTaxPercentage	float	[0..1]	Percentage allowing calculation of the amount being charged.	
Attribute	dutyFeeTaxPointDate	date	[0..1]	Date at which a tax becomes applicable. E.g. If the supply is a straightforward sale of goods, the tax point is normally the date on which the customer takes possession of the goods. For the supply of services, the tax point is normally the date on which the service is completed.	
Attribute	dutyFeeTaxTypeCode	DutyFeeTaxTypeCode	[0..1]	Code specifying the type of duty, fee or tax.	
Attribute	extension	Extension	[0..1]		

4.2.12. Location Information
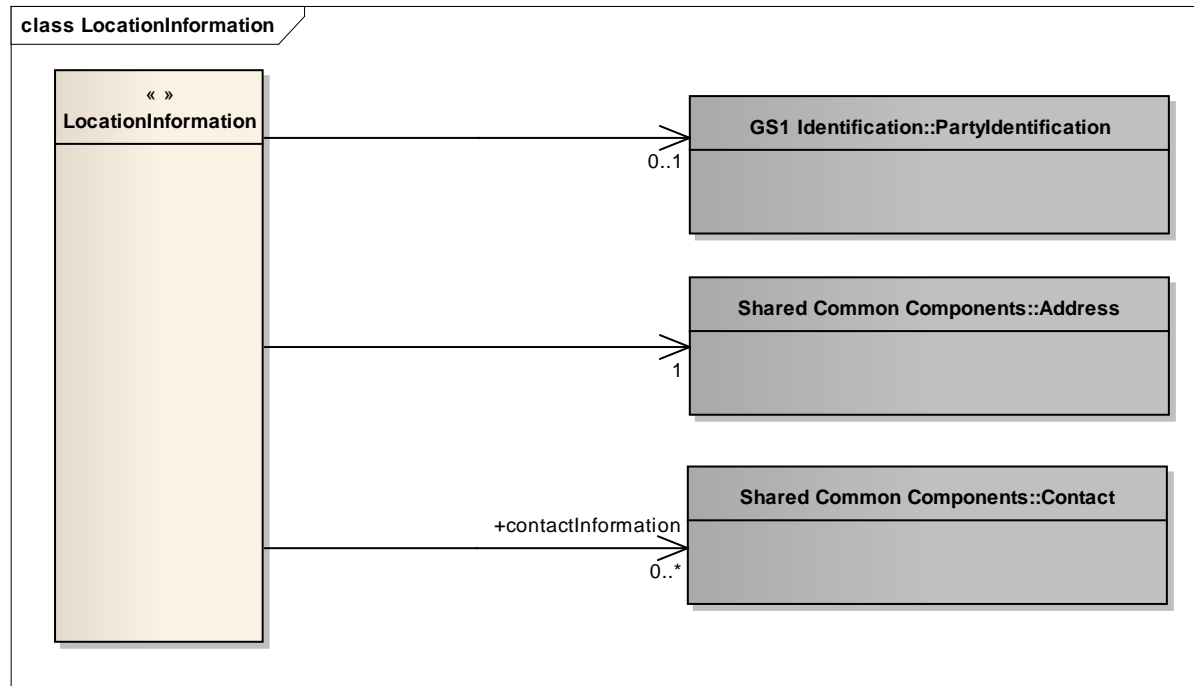
Class Diagram

GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
LocationInformation				Provides the contact, name and address, and GLN of the location.	
Association	contactInformation	Contact	[0..*]	Provides the contact information for a location.	
Association		Address	[1..1]	Provides the location's address	
Association		PartyIdentification	[0..1]	Provides the location's Global Location Number and additional identifications.	

4.2.13. Logistic Event

Class Diagram
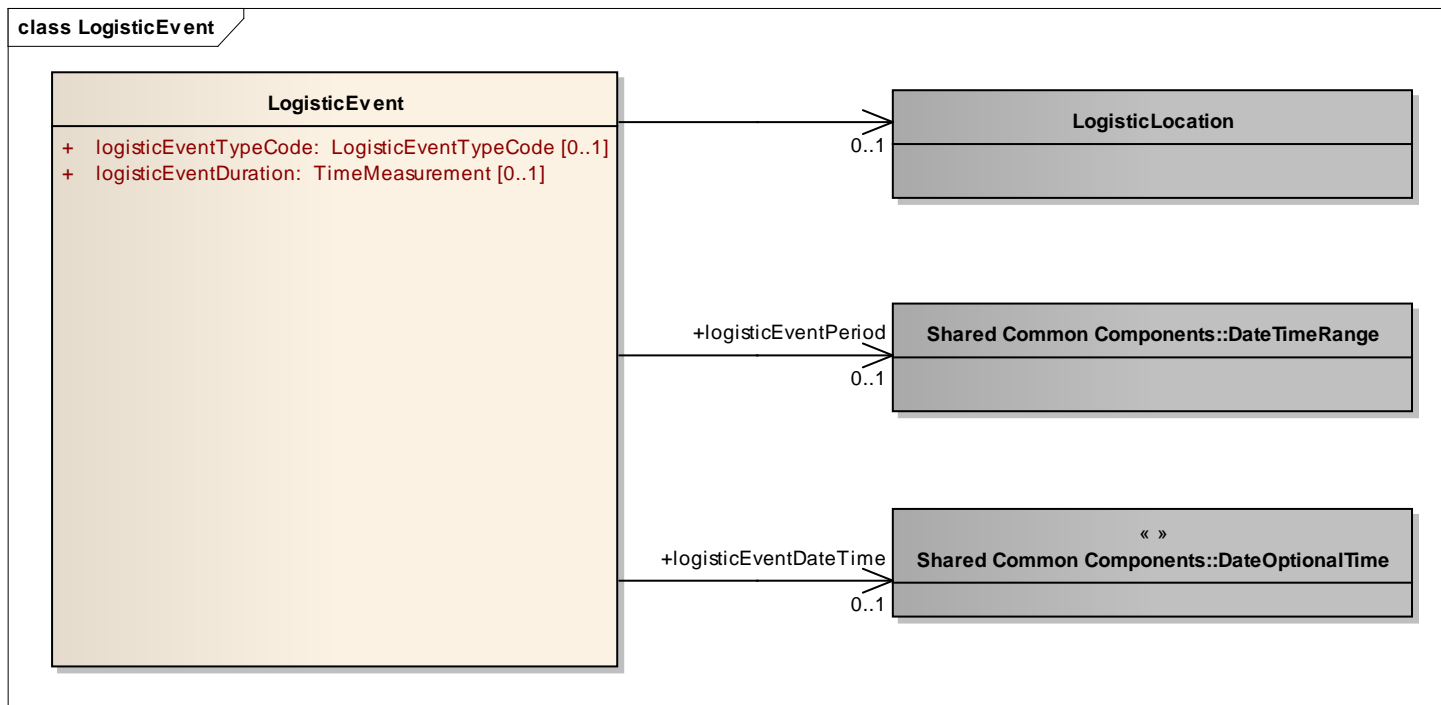
GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
LogisticEvent				A planned or actual occurrence of a physical goods movement at a specific time and location.	
Association	logisticEventDateTime	DateOptionalTime	[0..1]	The date and time on which the logistic event occurs.	
Association		LogisticLocation	[0..1]	The location where the logistic event occurs.	
Association	logisticEventPeriod	DateTimeRange	[0..1]	The timeframe during which the logistic event occurs.	
Attribute	logisticEventTypeCode	LogisticEventTypeCode	[0..1]	Code specifying the type of logistic event. Example: Customs clearance	
Attribute	logisticEventDuration	TimeMeasurement	[0..1]	Measurement value specifying the duration of the logistic event.	

4.2.14. Logistic Location

Class Diagram
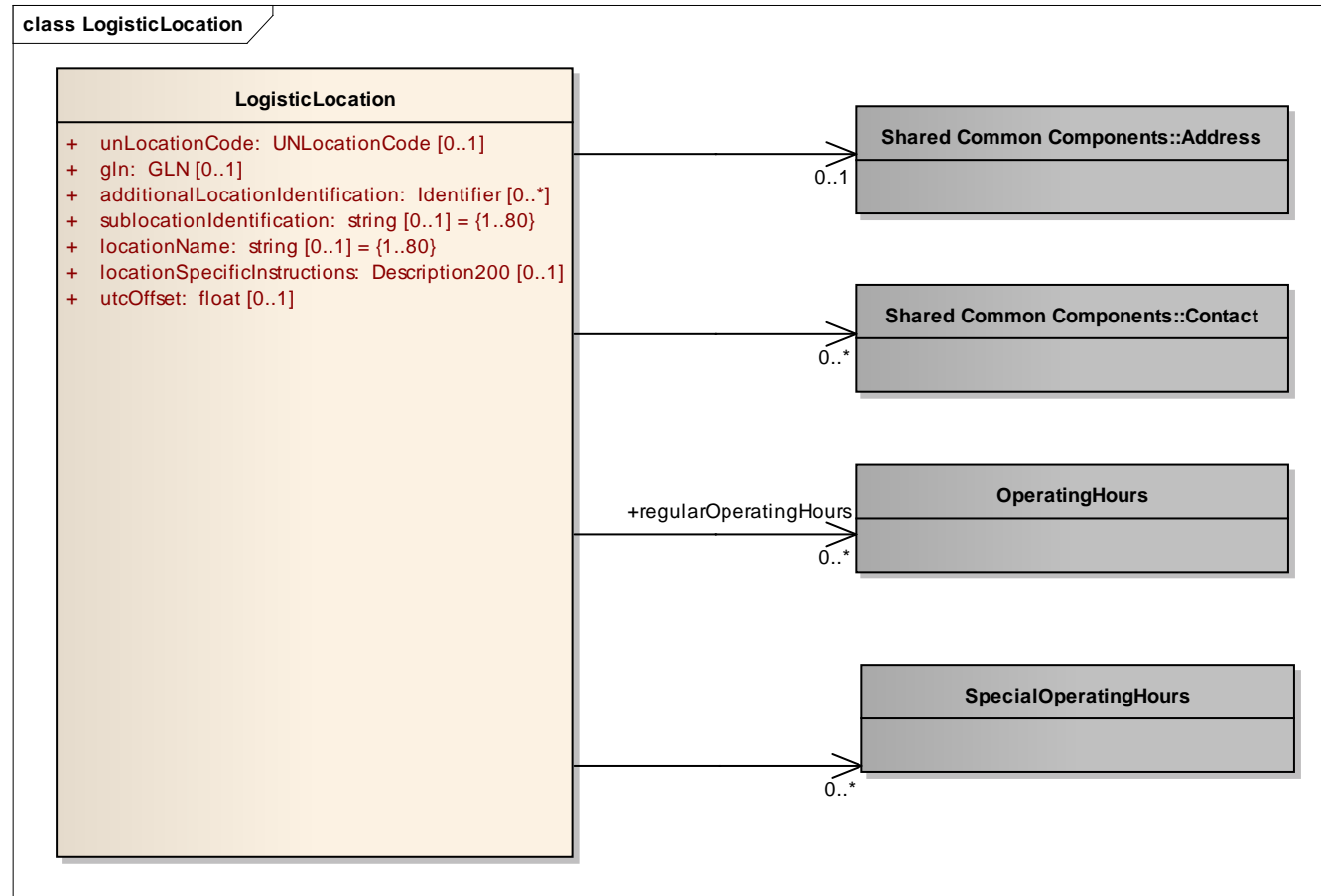
GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
LogisticLocation				Place where a physical goods movement is or will be carried out.	

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
Association		Contact	[0..*]	Person or department that can be contacted at this logistic location.	
Association		Address	[0..1]	Address details of this logistic location.	
Association		SpecialOperatingHours	[0..*]	The period during which the location is operational on a special day, such as a holiday.	
Association	regularOperatingHours	OperatingHours	[0..*]	The period during which the location is normally operational on a weekday.	
Attribute	unLocationCode	UNLocationCode	[0..1]	UN/LOCODE is a geographic coding scheme maintained by UN/ECE for locations used in trade and transport with functions such as seaports, rail and road terminals, airports, post offices and border crossing points.	
Attribute	gln	GLN	[0..1]	The global location number of this logistic location.	
Attribute	additionalLocationIdentification	Identifier	[0..1]	Identification of a location by use of a code other than the Global Location Number.	
Attribute	subLocationIdentification	string	[0..1]	Text further specifying the exact logistic location. For example: dock door, department, building.	
Attribute	locationName	string	[0..1]	The name of this logistic location.	
Attribute	locationSpecificInstructions	Description200	[0..1]	Instructions related to the pick-up or drop-off of goods at this location.	
Attribute	utcOffset	float	[0..1]	Numeric value specifying the time zone of the location as offset from the Coordinated Universal Time (UTC).	

4.2.15. Logistic Service

Class Diagram
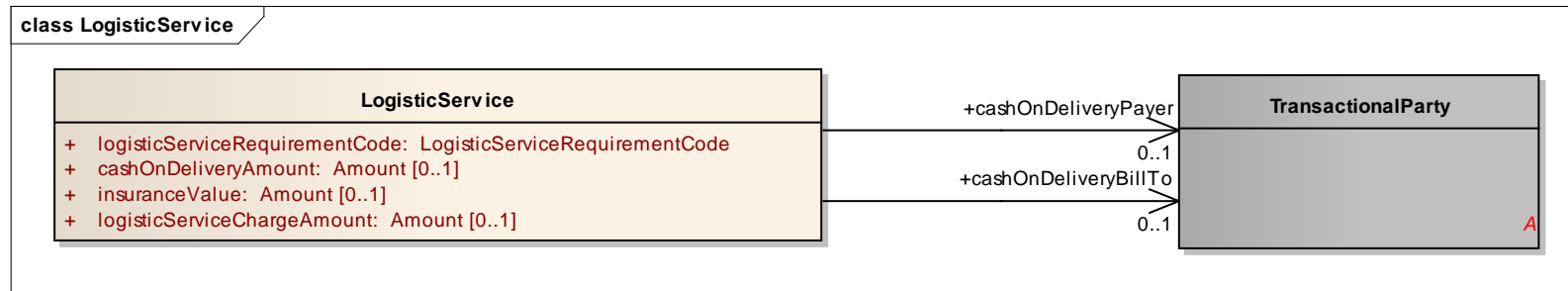
```
class LogisticService

┌─────────────────────────────────────────────────────────┐         +cashOnDeliveryPayer  ┌─────────────────────────────┐
│                  LogisticService                        │ ───────────────────────────────│     TransactionalParty      │
├─────────────────────────────────────────────────────────┤                                 ├─────────────────────────────┤
│ +  logisticServiceRequirementCode: LogisticServiceRequirementCode │              0..1      │                             │
│ +  cashOnDeliveryAmount: Amount [0..1]                  │         +cashOnDeliveryBillTo   │                             │
│ +  insuranceValue: Amount [0..1]                        │ ───────────────────────────────│                             │
│ +  logisticServiceChargeAmount: Amount [0..1]           │                                 │                          A  │
└─────────────────────────────────────────────────────────┘              0..1               └─────────────────────────────┘
```

GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
LogisticService				Service requested from a logistic services provider.	
Attribute	logisticServiceRequirementCode	LogisticServiceRequirementCode	[1..1]	Code specifying the type of service required.	BRAD CON25, SHM23
Attribute	cashOnDeliveryAmount	Amount	[0..1]	Monetary amount applicable in case the logistic services provider is requested to collect the payment for the delivered goods.	BRAD CON20, SHM6
Attribute	insuranceValue	Amount	[0..1]	Monetary amount applicable in case the logistic service provider is requested to arrange the insurance of the delivered goods.	BRAD CON20, SHM6
Attribute	logisticServiceChargeAmount	Amount	[0..1]	Monetary amount to be paid to the logistic service provider as compensation for the provided service.	
Association	cashOnDeliveryPayer	TransactionalParty	[0..1]	Identifies the party who will carry out the payment of the cash-on-delivery invoice.	
Association	cashOnDeliveryBillTo	TransactionalParty	[0..1]	Identifies the party who receives the cash-on-delivery invoice. Synonym: Invoicee.	

4.2.16. Logistic Unit

Class Diagram
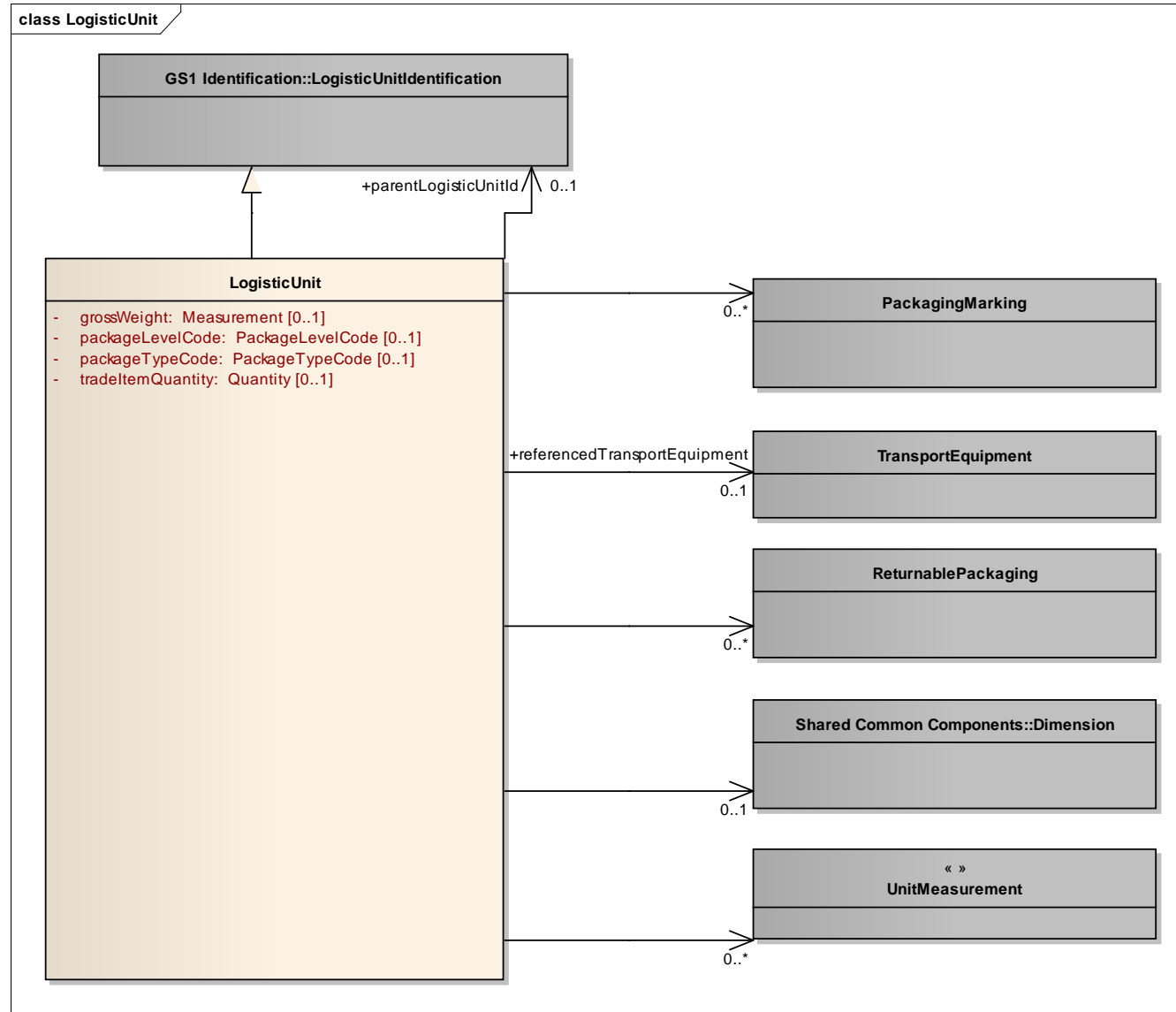
GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
LogisticUnit				A logistic unit is a unit of any composition made up for transport and or storage, which has to be managed throughout the supply chain.	
Association	referencedTransportEquipment	TransportEquipment	[0..1]	Reference to the transport equipment that contains this logistic unit.	BRAD TM LOU7
Association		ReturnablePackaging	[0..*]	Details on the returnable packaging included in the logistic unit.	BRAD TM LOU3
Association		PackagingMarking	[0..*]	Details on the markings present on the packaging of the logistic unit.	BRAD TM LOU5
Association		UnitMeasurement	[0..*]	Information specifying the weight or volume of the logistic unit.	BRAD WIO-ecom-1
Generalization		LogisticUnitIdentification		The identification of the logistic unit.	
Association	parentLogisticUnitId	LogisticUnitIdentification	[0..1]	Reference to the logistic unit that contains this logistic unit.	BRAD TM LOU4
Association		Dimension	[0..1]	The depth, height and width of the logistic unit.	
Attribute	grossWeight	Measurement	[0..1]	The weight of the logistic unit including packaging.	BRAD TM LOU2
Attribute	packageLevelCode	PackageLevelCode	[0..1]	Code specifying the hierarchical level of this logistical unit within a consignment or shipment.	BRAD TM LOU3
Attribute	packageTypeCode	PackageTypeCode	[0..1]	Code specifying the type of logistic unit based on its primary packaging.	BRAD TM LOU3
Attribute	tradeItemQuantity	Quantity	[0..1]	The number of trade items contained in the logistic unit.	

4.2.17. Logistic Units

Class Diagram
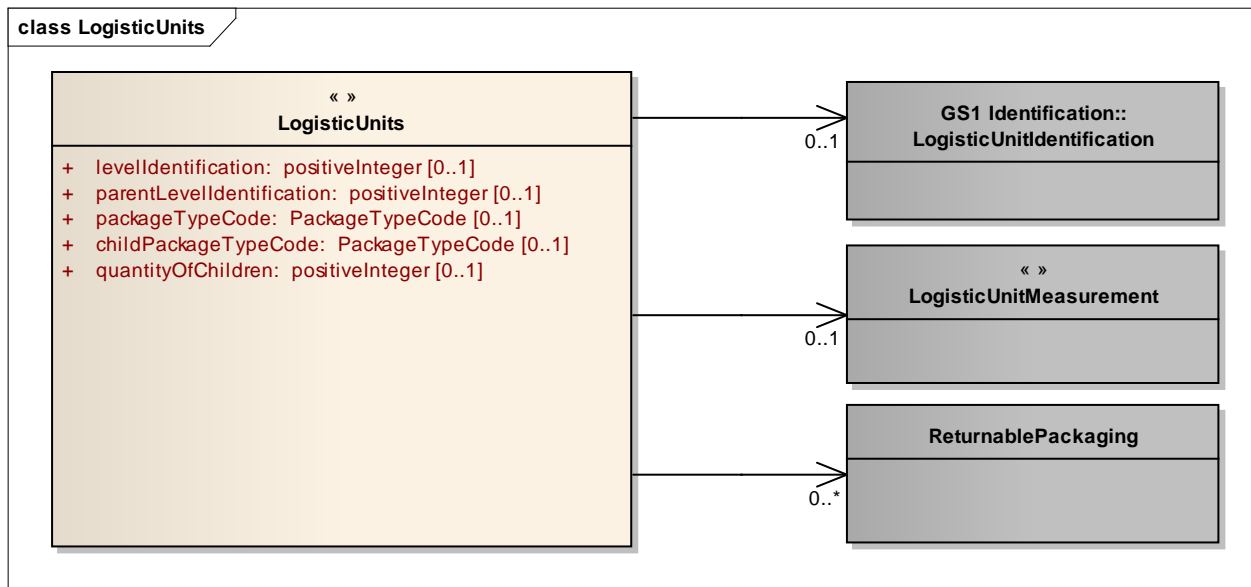
GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
LogisticUnits				Information specifying the physical appearance, the physical dimensions as well as the contents of a specific logistic unit.	
Association		LogisticUnitIdentification	[0..1]	The globally unique identification attached to the logistic unit, used for logistical and traceability purposes.	
Association		LogisticUnitMeasurement	[0..1]	The physical dimensions of the logistic unit.	
Association		ReturnablePackaging	[0..*]	Details on the returnable packaging included in the logistic units.	WR 12-199
Attribute	levelIdentification	positiveInteger	[0..1]	Hierarchical structure level identifier (Sequential numbering recommended)	
Attribute	parentLevelIdentification	positiveInteger	[0..1]	Hierarchical structure parent identifier	
Attribute	packageTypeCode	PackageTypeCode	[0..1]	Code specifying the type of package.	

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
Attribute	childPackageTypeCode	PackageTypeCode	[0..1]	Code specifying the type of the included (lower level) package.	
Attribute	quantityOfChildren	positiveInteger	[0..1]	Number of packages at the next lower level.	

4.2.18. Logistic Unit Measurement
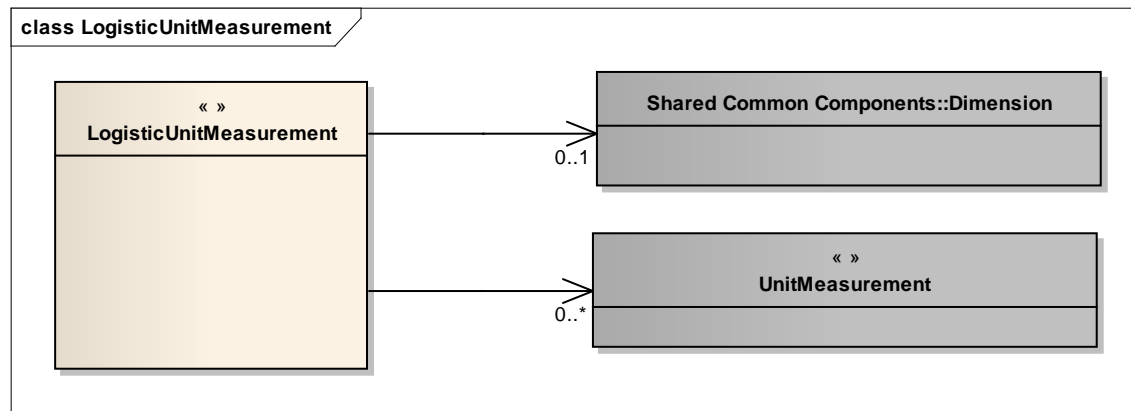
Class Diagram

GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
LogisticUnitMeasurement				Information specifying the physical measurement and the physical dimensions of a specific logistic unit.	
Association		UnitMeasurement	[0..*]	Information specifying the weight or volume of the logistic unit.	
Association		Dimension	[0..1]	Information specifying the physical dimension of the logistic unit.	

4.2.19. Operating Hours

Class Diagram
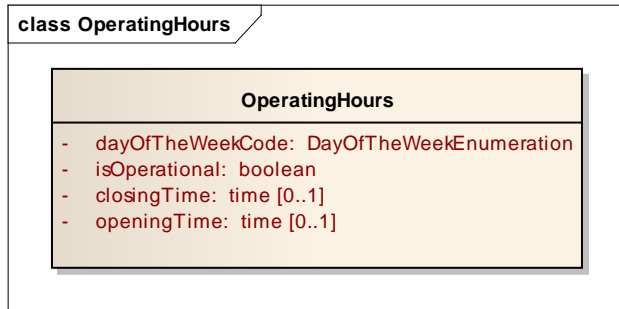
```
class OperatingHours

            OperatingHours
  -   dayOfTheWeekCode:  DayOfTheWeekEnumeration
  -   isOperational:  boolean
  -   closingTime:  time [0..1]
  -   openingTime:  time [0..1]
```

GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
OperatingHours				The period during which a business or facility is operational on a weekday.	
Attribute	dayOfTheWeekCode	DayOfTheWeek Enumeration	[1..1]	Code specifying the day of the week to which the operating hours apply.	
Attribute	isOperational	☐abelle	[1..1]	Indicator specifying whether or not the business or facility is operational on the specified day.	
Attribute	closingTime	time	[0..1]	Time at which the business or facility closes on the specified day.	
Attribute	openingTime	time	[0..1]	Time at which the business or facility opens on the specified day.	

4.2.20. Order Logistical Date Information

Class Diagram

GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
OrderLogisticalDateInformation				Contains the choices to select various types of dates or date ranges associated to the order.	
Association	requestedDeliveryDateTime	DateOptionalTime	[0..1]	Provides the date and optional time on which the goods are requested to be delivered.	
Association	requestedDeliveryDateTimeAtUltimateConsignee	DateOptionalTime	[0..1]	Provides the date and optional time on which the goods are requested to be delivered to the Ultimate Consignee.	
Association	requestedPickUpDateTime	DateOptionalTime	[0..1]	Provides the date and optional time on which the goods are requested to be available for pickup at the seller's location.	

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
Association	requestedShipDateTime	DateOptionalTime	[0..1]	Provides the date and optional time on which the goods are requested to be shipped or despatched by the supplier.	
Association	requestedDeliveryDateRange	DateTimeRange	[0..1]	Provides the earliest and latest date ranges and the optional times on which the goods are requested to be delivered.	
Association	requestedDeliveryDateRangeAt UltimateConsignee	DateTimeRange	[0..1]	Provides the earliest and latest date ranges and the optional times on which the goods are requested to be delivered to the Ultimate Consignee.	
Association	requestedShipDateRange	DateTimeRange	[0..1]	Provides the earliest and latest date ranges and the optional times on which the goods are requested to be shipped or despatched.	

4.2.21. Order Logistical Information

Class Diagram

GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
OrderLogisticalInformation				Provides identification of the locations of the parties dealing with the goods associated with the order, as well as the dates or date ranges associated with the order and the transportation of the shipment associated with the order.	
Association		OrderLogisticalDateInformation	[0..1]	Contains the choices to select various types of dates or date ranges associated to the order.	

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
Association		ShipmentTransportationInformation	[0..1]	Provides information on the means of transportation or carrier associated with the order.	
Association	inventoryLocation	TransactionalParty	[0..1]	Identifies the location of merchandise or stock on hand.	
Association	shipFrom	TransactionalParty	[0..1]	Identifies the origin location from which goods will be shipped.	
Association	shipTo	TransactionalParty	[0..1]	Identifies the destination location to which goods will be shipped.	
Association	ultimateConsignee	TransactionalParty	[0..1]	Identifies the final destination location to which goods will be shipped.	

4.2.22. Organisation

Class Diagram
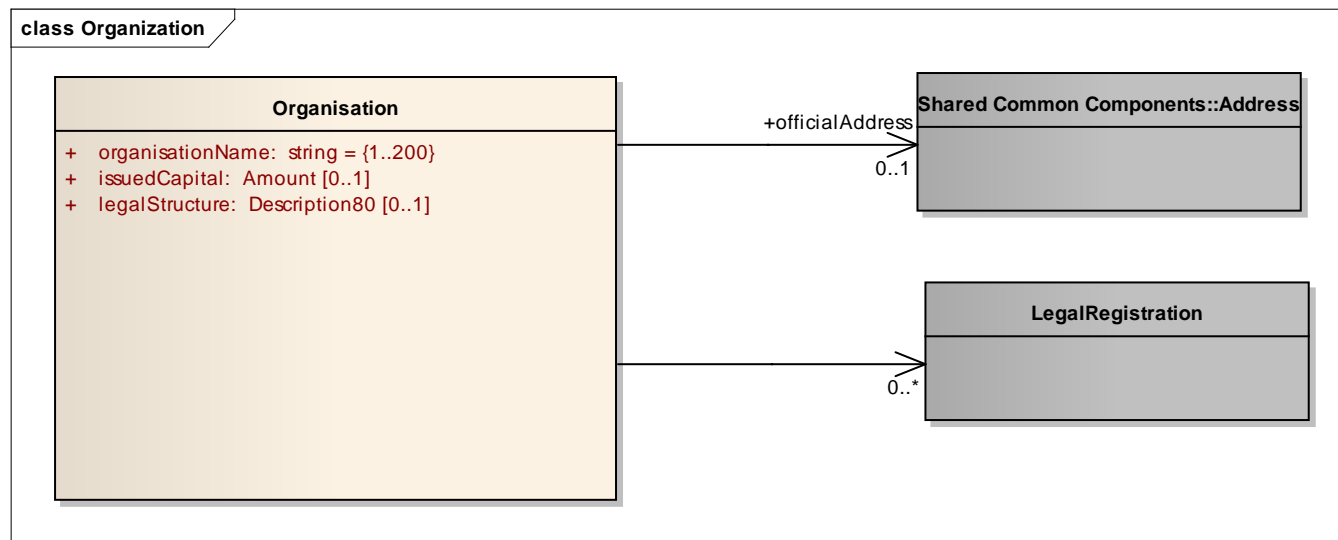
GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
Organisation				An entity pursuing collective goals, such as a business, government body, department, charity, or financial institution.	
Association	officialAddress	Address	[0..1]	The address where the organisation is officially based.	
Association		LegalRegistration	[0..*]	The registration details of the □abelled□ion in a particular legal register.	
Attribute	organisationName	string	[1..1]	The official name of the organisation.	
Attribute	issuedCapital	Amount	[0..1]	The amount of the issued capital of the organisation.	
Attribute	legalStructure	Description80	[0..1]	Description of the type of legal structure of the organisation.	

4.2.23. Package Total

Class Diagram
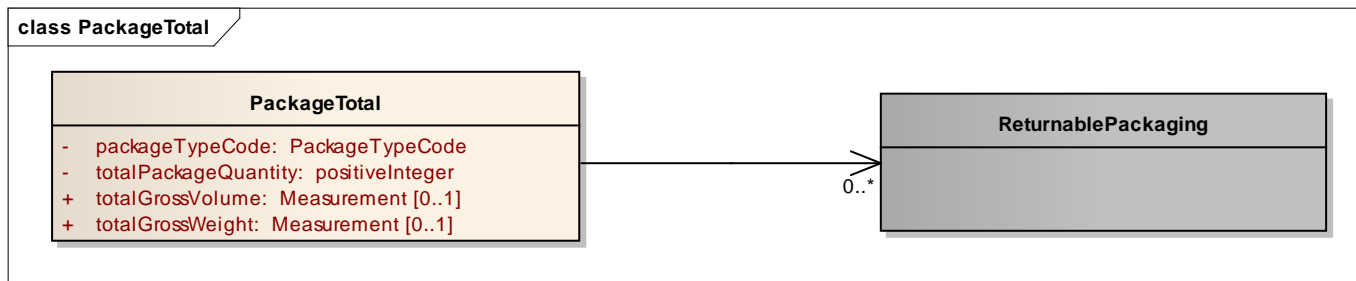
GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
PackageTotal				Aggregated information for a specific package type.	
Association		ReturnablePackaging	[0..*]	Provides detailed information for the administration of returnable packaging.	CON18
Attribute	packageTypeCode	PackageTypeCode	[1..1]	The code specifying the type of logistics package.	CON18
Attribute	totalPackageQuantity	positiveInteger	[1..1]	The total number of units of this package type.	CON18
Attribute	totalGrossVolume	Measurement	[0..1]	A measure of the gross volume normally calculated by multiplying the maximum length, width, and height of this package type	BRAD CON15, SHM15
Attribute	totalGrossWeight	Measurement	[0..1]	A measure of the gross weight (mass) of this package which includes the weight of packaging but which excludes the weight of any transport equipment.	CON14

4.2.24. Packaging Marking

Class Diagram
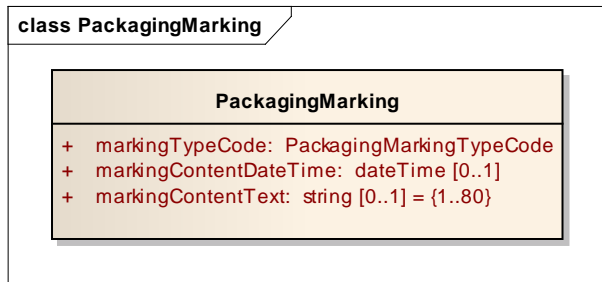
```
class PackagingMarking

    PackagingMarking
+   markingTypeCode: PackagingMarkingTypeCode
+   markingContentDateTime: dateTime [0..1]
+   markingContentText: string [0..1] = {1..80}
```

GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
PackagingMarking				Textual or bar-coded information that is physically present on the packaging. This information can be about either the contents of the package e.g. best before date or the packaging e.g. Recycling characteristics.	
Attribute	markingTypeCode	PackagingMarkingTypeCode	[1..1]	The code specifying the type of marking on the package for example batch number.	LOU5
Attribute	markingContentDateTime	dateTime	[0..1]	The value as printed on the packaging, specified as date time value.	LOU5
Attribute	markingContentText	string	[0..1]	The value as printed on the packaging, specified as text.	LOU5

4.2.25. Party Reference

Class diagram
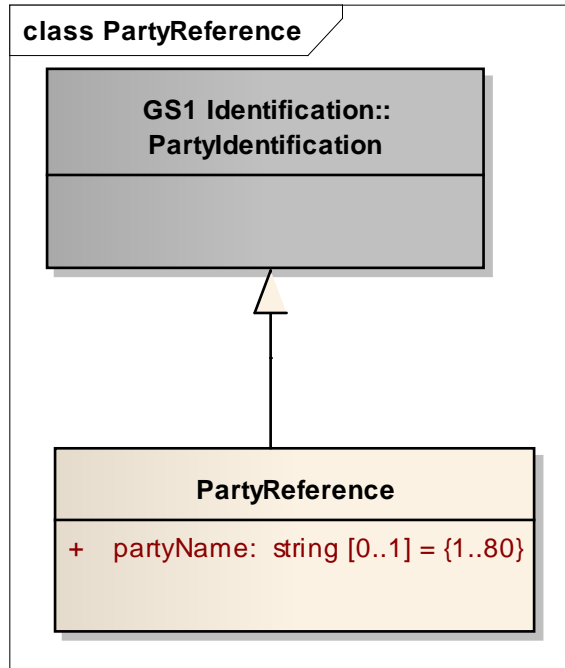
GDD report

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
PartyReference				Name and identification details of a party.	
Generalization		PartyIdentification		The identification of the referenced party.	
Attribute	partyName	string	0..1	The name of the referenced party.	

4.2.26. Passenger Information

Class Diagram
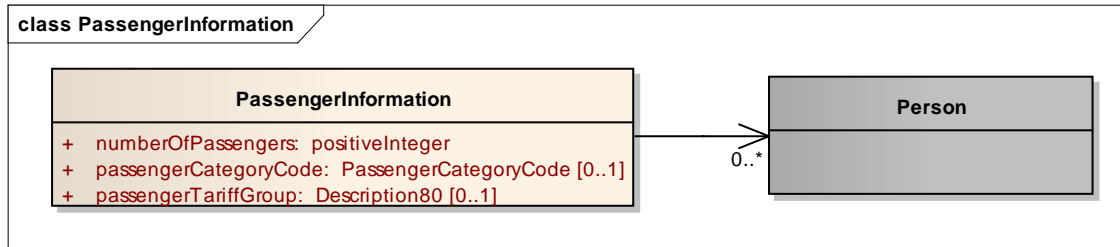
GDD Report

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
PassengerInformation				Information on persons being transported.	
Association		Person	0..*	Information on the individual persons travelling as passengers.	
Attribute	numberOfPassengers	positiveInteger	1..1	The number of persons being transported.	
Attribute	passengerCategoryCode	PassengerCategoryCode	0..1	Code specifying the role, function or other main characteristic categorizing the type of passenger.	
Attribute	passengerTariffGroup	Description80	0..1	Text describing the tariff group of the transported passengers.	

4.2.27. Payment Method

Class Diagram
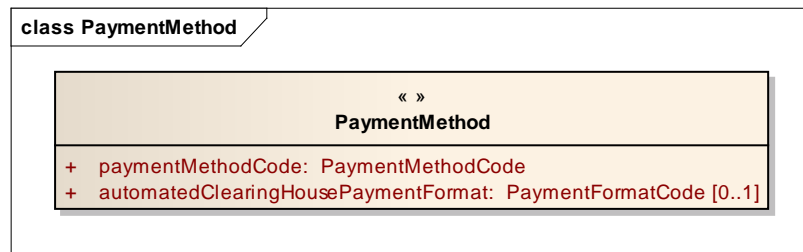
GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
PaymentMethod				Provides information on the means of payment..	
Attribute	paymentMethodCode	PaymentMethodCode	[1..1]	A predefined list that identifies a means of payment for example cheque, bankers draft, credit card, etc..	
Attribute	automatedClearingHousePaymentFormat	PaymentFormatCode	[0..1]	A code specifying the format used when a payment is made through an automated clearing house.	

4.2.28. Payment Terms

Class Diagram
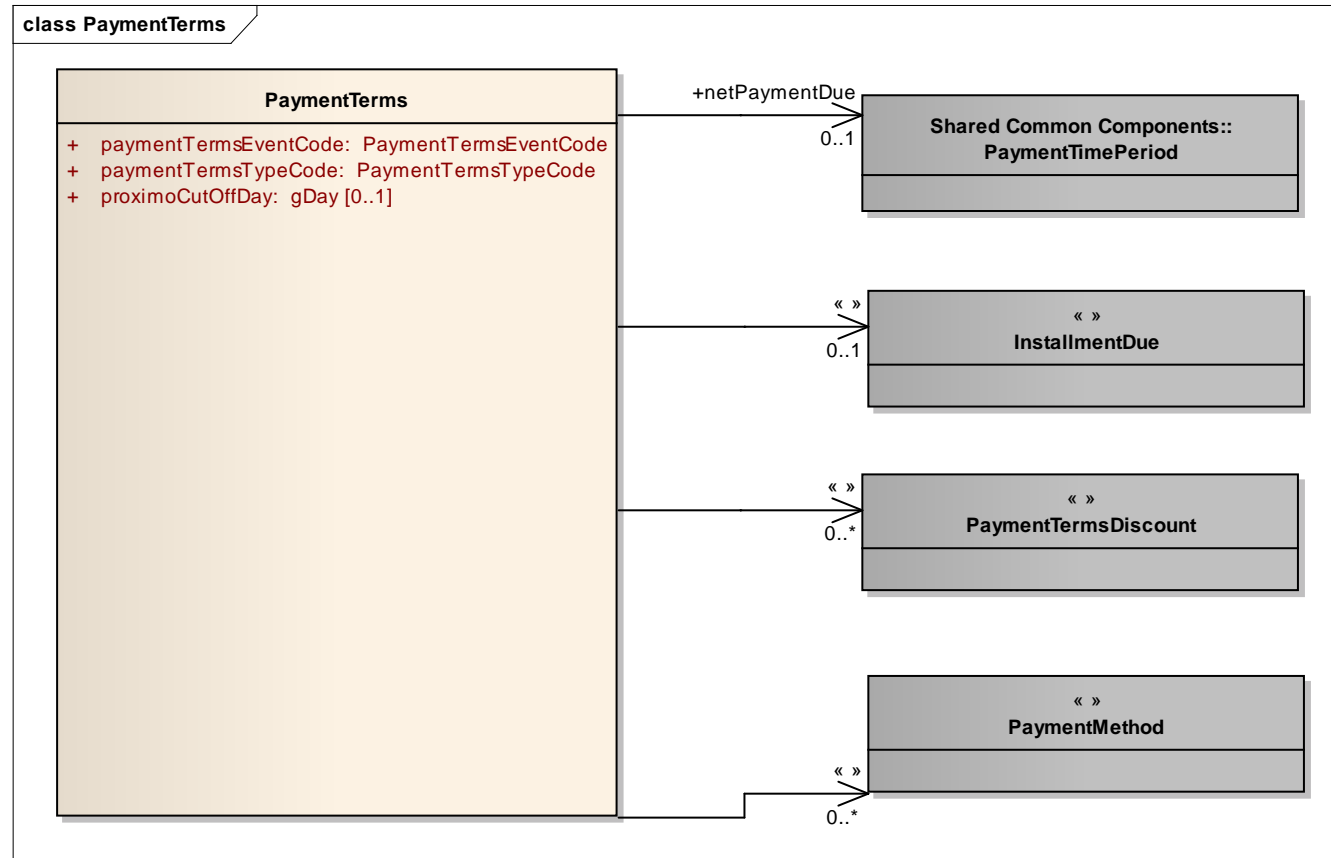
GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
PaymentTerms				Terms and conditions by which a payment has been or will be made.	

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
Association		PaymentTermsDiscount	[0..*]	Additional information on discounts that may be applied to the payment depending on the way the payment is being made for example "2 percent in 10 days, net 30".	
Association		InstallmentDue	[0..1]	Information on how the amount to be paid will be split into multiple parts.	
Association	netPaymentDue	PaymentTimePeriod	[0..1]	A time period specifying when the payment is due.	
Association		PaymentMethod	[0..*]	The payment method used in the payment terms.	
Attribute	paymentTermsEventCode	PaymentTermsEventCode	[1..1]	A code providing the event used as the basis to determine the payment dates, for example RECEIPT_OF_GOODS	
Attribute	paymentTermsTypeCode	PaymentTermsTypeCode	[1..1]	The type of payment term expressed as a code for example DISCOUNT.	
Attribute	proximoCutOffDay	gDay	[0..1]	The day of the month the payment becomes due.	

4.2.29. Payment Terms Discount

Class Diagram

GDD Report

content	attribute / role	datatype /secondary class	multipl icity	definition	requirements
PaymentTermsDiscount				Information on a discount specified in a payment term. Information on discounts that may be applied to the payment depending on the way the payment is being made for example "2 percent in 10 days, net 30".	
Association	discountDescription	MultiDescription70	[0..1]	A text field describing the discount.	
Association		PaymentTimePeriod	[1..1]	Information on a payment time period determining the applicability of the discount.	Suggestion to ,make optional as part of pilot findings.
Attribute	discountType	string	[1..1]	A string value that specifies the type of payment discount for example "2 percent in 10 days, net 30".	Suggestion to ,make optional as part of pilot findings.
Attribute	discountAmount	Amount	[0..1]	The deduction represented as an amount .	
Attribute	discountPercent	float	[0..1]	The deduction represented as a percentage.	

4.2.30. Person

Class Diagram

GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
Person				A specific human being.	
Association		IdentityDocument	[0..*]	Document, which may be used to verify aspects of this person's personal identity or of this person's relationship with an organisation. If issued in the form of a small, mostly standard-sized card, it is usually called an identity card (IC).	
Attribute	personName	string	[1..1]	Text used to identify the person, such as the family name and given name.	
Attribute	dateOfBirth	date	[0..1]	Calendar date on which the person was born..	
Attribute	gender	GenderEnumeration	[0..1]	Code specifying the sex of the person.	
Attribute	nationality	CountryCode	[0..*]	The status of belonging to a particular nation by birth or naturalization.	

4.2.31. Quantity Specification
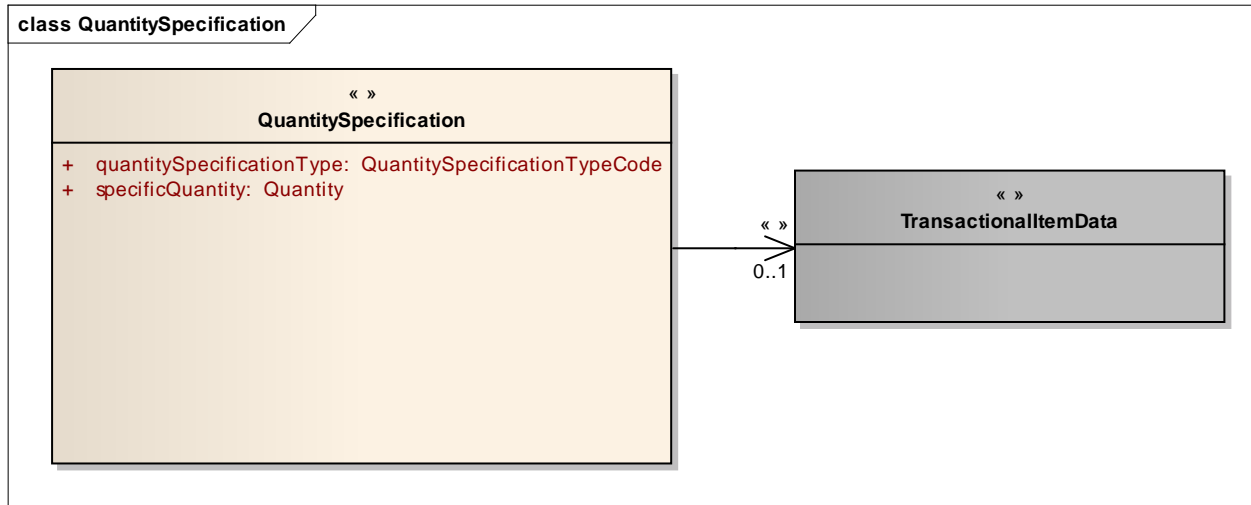
Class Diagram

GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
QuantitySpecification				Information specifying details about goods planned to be produced and or delivered	
Association		TransactionalItemData	[0..1]	Dynamic characteristics used to specify individual instances of a trade item, such as the best before date, batch number or serial number.	
Attribute	quantitySpecificationType	QuantitySpecificationTypeCode	[1..1]	Code specifying the type of planning information that is being provided.	
Attribute	specificQuantity	Quantity	[1..1]	Quantity of goods planned to be delivered or produced.	

4.2.32. Returnable Packaging

Class Diagram
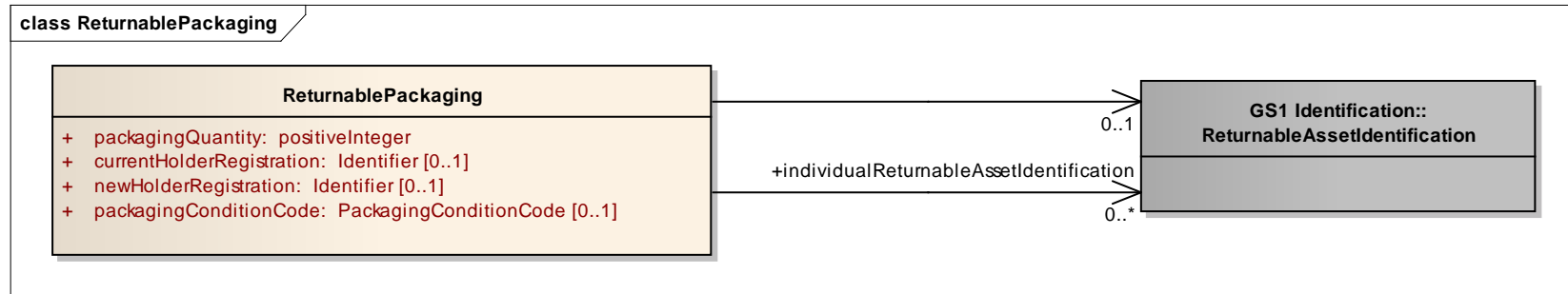
GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
ReturnablePackaging				Provides detailed information for the administration of returnable packaging.	
Association		ReturnableAssetIdentification	[0..1]	Information used to identify the returnable packaging.	
Association	individualReturnableAssetIdentification	ReturnableAssetIdentification	[0..*]	The returnable asset identifier for an individual piece of returnable packaging.	
Attribute	packagingQuantity	positiveInteger	[1..1]	The number of packaging units (that are returnable).	CIT10
Attribute	currentHolderRegistration	Identifier	[0..1]	Identification of the current administrative holder of the returnable packaging.	SHM19 Check RTI
Attribute	newHolderRegistration	Identifier	[0..1]	Identification of the party the returnable packaging is being transferred to.	SHM19
Attribute	packagingConditionCode	PackagingConditionCode	[0..1]	Code specifying the quality status of the returnable packaging.	BRAD WIO-eCom-2

4.2.33. Shipment Transportation Information

Class Diagram

GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
ShipmentTransportationInformation				Detailed information on the transportation of shipments	
Association	carrier	TransactionalParty	[0..1]	The party that provides freight transportation services.	
Association	freightForwarder	TransactionalParty	[0..1]	Party that arranges the carriage of goods including connected services and/or associated formalities on behalf of the shipper (consignor) or consignee.	
Attribute	handlingInstructionCode	HandlingInstructionCode	[0..*]	Code identifying handling instructions for this shipment, such as where or how specified packages or containers are to be loaded on a means of transport. Handling instructions can include haulage/ pickup and or delivery instruction/ temperature/humidity instructions	SHM7
Attribute	transportMeansType	TransportMeansTypeCode	[0..1]	Code identifying the means of transport: the type of vehicle, aircraft, vessel or other device used for the transport of goods. The means of transport has a means of locomotion.	TME1

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
Attribute	transportServiceCategoryType	TransportServiceCategoryCode	[0..1]	A code specifying a type of category for this transport service.	SHM26
Attribute	transportServiceLevelCode	TransportServiceLevelCode	[0..1]	Code specifying the service level required for the transport of the shipment.	SHM23

4.2.34. Source Reference

Class Diagram
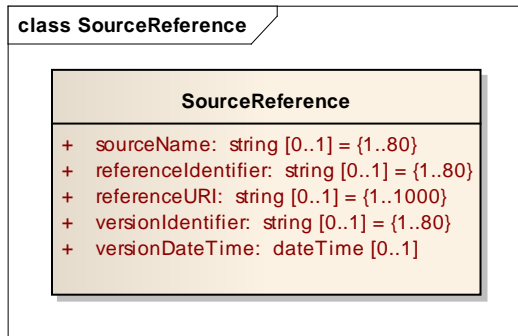
```
class SourceReference

                    SourceReference

    +   sourceName:  string [0..1] = {1..80}
    +   referenceIdentifier:  string [0..1] = {1..80}
    +   referenceURI:  string [0..1] = {1..1000}
    +   versionIdentifier:  string [0..1] = {1..80}
    +   versionDateTime:  dateTime [0..1]
```

GDD Report

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
SourceReference				Reference to an external system containing the source data for a certain piece of exchanged information.	
Attribute	sourceName	string	0..1	A text identifying an external source (such as a database).	
Attribute	referenceIdentifier	string	0..1	A reference or identifier to information within an external source (e.g. the unique key of a database record where the information is stored).	
Attribute	referenceURI	string	0..1	Simple text string that identifies the name of the reference or the location of the reference on the Internet.	
Attribute	versionIdentifier	string	0..1	Number or string identifying the version of the referenced source.	
Attribute	versionDateTime	dateTime	0..1	Date and time identifying the version of the referenced source.	

4.2.35. Special Operating Hours

Class Diagram
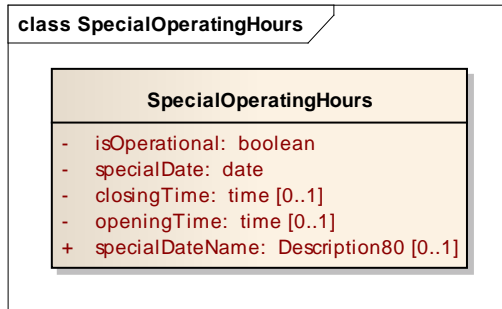
GDD Report

content	attribute / role	datatype /secondary class	multip licity	definition	requirements
SpecialOperatingHours				The period during which a business or facility is operational on special days, such as holidays.	
Attribute	isOperational	☐abelle	[1..1]	Indicator specifying whether or not the business or facility is operational on the specified day.	
Attribute	specialDate	date	[1..1]	Date specifying the day to which the special operating hours apply.	
Attribute	closingTime	time	[0..1]	Time on which the business or facility will close on the specified day.	
Attribute	openingTime	time	[0..1]	Time on which the business or facility will open on the specified day.	
Attribute	specialDateName	Description80	[0..1]	Text describing the day to which the special operating hours apply. Example: Christmas.	

4.2.36. Transactional Reference

Class Diagram

GDD Report

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
TransactionalReference				Reference to associated information in support of related business processes. E.g. a purchase order, a return authorization number.	New class added in MR3 to replace some uses of TypedEntityIdentification
Generalization		DocumentReference			

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
Attribute	transactionalReferenceTypeCode		1..1	Code specifying the type of reference.	

4.2.37. Transactional Item Data

Class Diagram
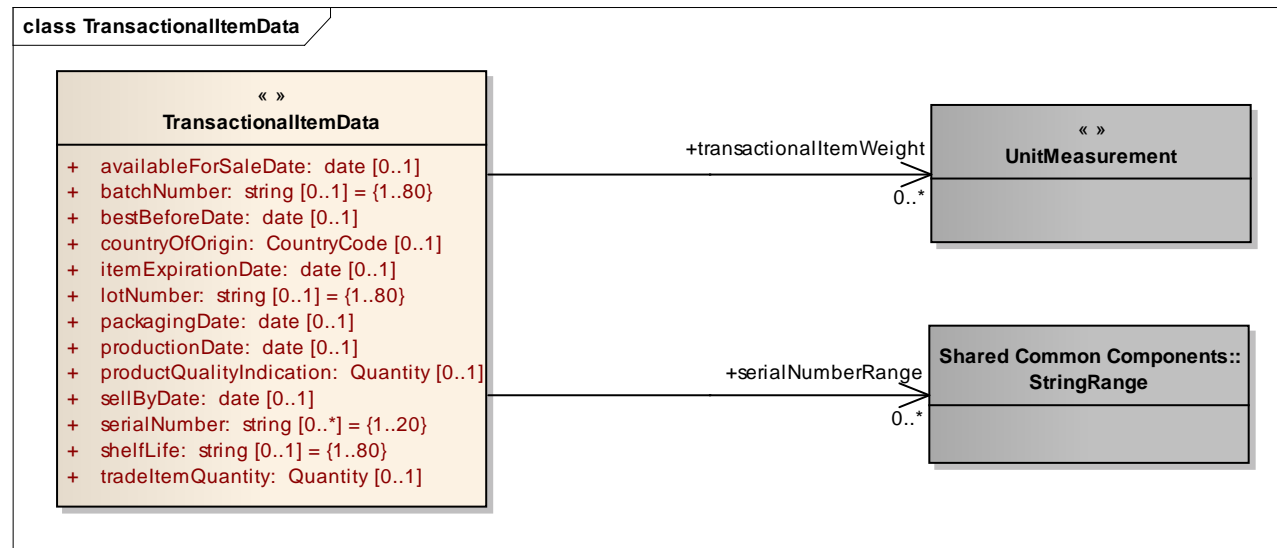
GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
TransactionalItemData				Dynamic characteristics used to specify individual instances of a trade item, such as the best before date, batch number or serial number.	

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
Association	transactionalItemWeight	UnitMeasurement	[0..*]	Weight is a measurement of the gravitational force acting on a transactional object.	
Association	serialNumberRange	StringRange	[0..*]	The difference or interval between the minimum and maximum value of the serial numbers expressed as a string.	
Attribute	availableForSaleDate	date	[0..1]	The date the item is available for sale.	
Attribute	batchNumber	string	[0..1]	A batch unites products or items that have undergone or are grouped together to undergo the same transformation process, not necessarily a production process.	
Attribute	bestBeforeDate	date	[0..1]	The date before which the product is best used or consumed. It is a statement about quality.	
Attribute	countryOfOrigin	CountryCode	[0..1]	Country from which the goods are supplied	
Attribute	itemExpirationDate	date	[0..1]	The date after which the product should not be used or consumed. Its meaning is determined based on the trade item context (e.g., for food, the date will indicate the possibility of a direct health risk resulting from use of the product after the date, for pharmaceutical products, it will indicate the possibility of an indirect health risk resulting from the ineffectiveness of the product after the date). It is often referred to as "use by date" or "maximum durability date."	
Attribute	lotNumber	string	[0..1]	A distinctive combination of numbers and/or letters from which the complete history of the manufacture, processing, packaging, coding and distribution of a batch can be determined.	
Attribute	packagingDate	date	[0..1]	The date on which the packaging of a product took place.	
Attribute	productionDate	date	[0..1]	The date the product was produced.	
Attribute	productQualityIndication	Quantity	[0..1]	Value used to indicate the quality, such as grade or strength, of a specific batch of products.	
Attribute	sellByDate	date	[0..1]	The date before or on which, the product should be sold.	
Attribute	serialNumber	string	[0..*]	A unique identifier assigned to a specific trade item.	

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
Attribute	shelfLife	string	[0..1]	The length of time a material; substance; product; or reagent can be stored under specified environmental conditions and continue to meet all applicable specification requirements and/or remain suitable for its intended function.	
Attribute	tradeItemQuantity	Quantity	[0..1]	The total number of individual trade items being specified.	

4.2.38. Transactional Party

Class Diagram
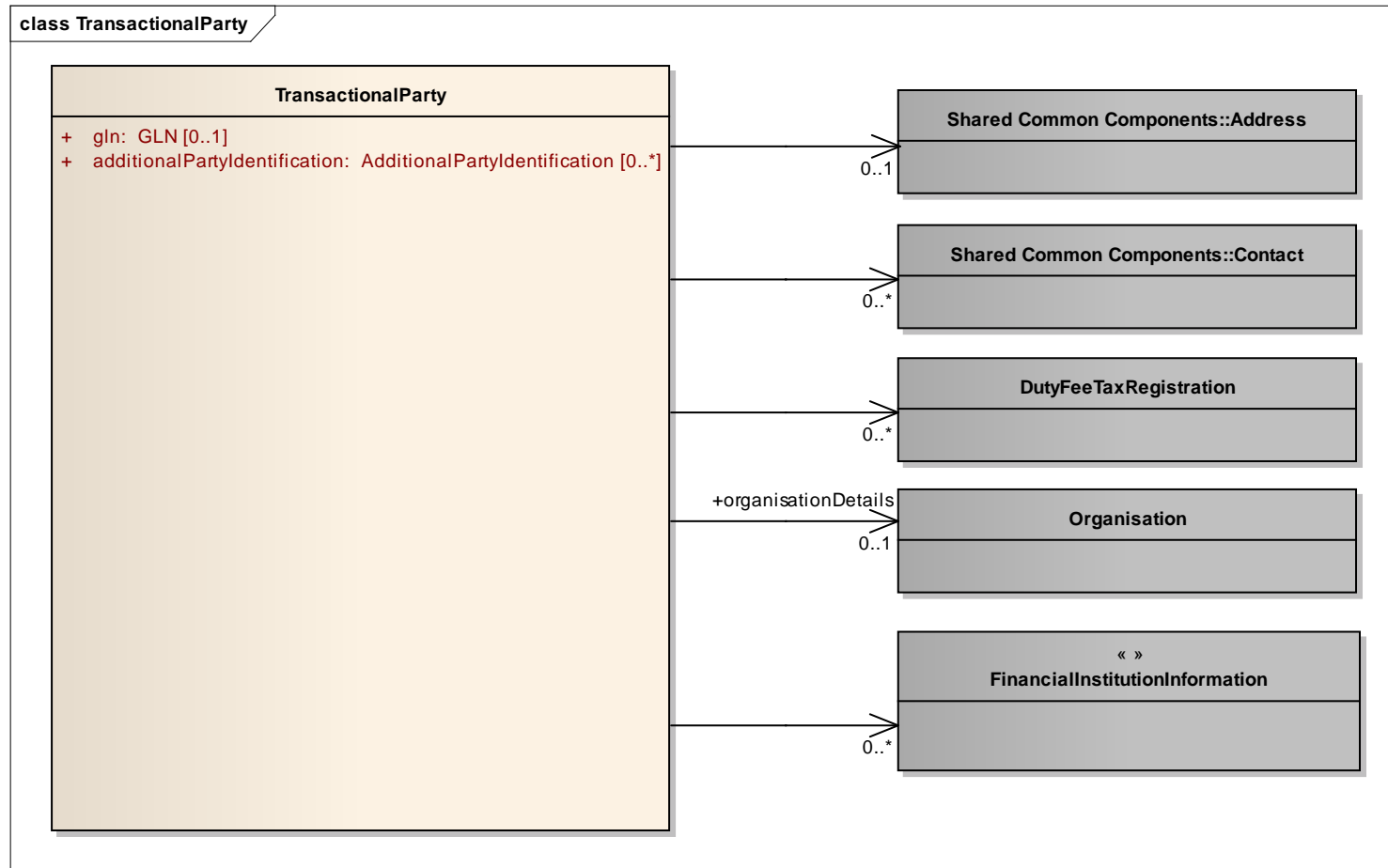
Important: Use of the GLN is mandatory in B2B scenarios.

GDD Report

Content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
TransactionalParty				Identification of and additional information about a party involved in a business transaction, such as "order" or "invoice".	
Association		Address	[0..1]	Address of the party involved in the business transaction.	BRAD RQ 09-102 & 09-238
Association		Contact	[0..*]	Information about the contact for the party involved in the business transaction.	BRAD RQ 09-102 & 09-238
Association	organisationDetails	Organisation	[0..1]	Information about the organisation of the party involved in the business transaction.	
Association		DutyFeeTaxRegistration	[0..*]	Information about the registration for a particular duty, tax or fee, for the party involved in the business transaction.	BRAD RQ 09-240
Association		FinancialInstitutionInformation	[0..*]	Information on the financial institution(s) where the party holds an account.	
Attribute	Gln	GLN	[0..1]	The Global Location Number (GLN) is a structured Identification of a physical location, legal or functional entity within an enterprise. The GLN is the primary party identifier. Each party identified in the trading relationship must have a primary party Identification.	
Attribute	additionalPartyIdentification	AdditionalPartyIdentification	[0..*]	Identification of a party by use of a code other than the Global Location Number.	

4.2.39. Transactional Trade Item

Class Diagram

GDD Report

Content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
TransactionalTradeItem				A trade item is any item (product or service) upon which there is a need to retrieve pre-defined information and that may be priced, or ordered, or invoiced at any point in any supply chain.	
Association		Colour	[0..*]	Information specifying the colour of the trade item.	BRAD RQ 09-236-D
Association		Size	[0..*]	The physical dimensions or proportions of the transactional trade item depicted as a code or a description.	BRAD RQ 09-236-E
Association		TransactionalItemData	[0..1]	Dynamic characteristics used to specify individual instances of the trade item, such as the best before date, batch number or serial number.	
Generalization		TradeItemIdentification			
Attribute	tradeItemQuantity	Quantity	[0..1]	Specification of the number of units of the trade item. To be applied when no other quantity information, such as the requested quantity or the billed quantity, is present.	
Attribute	tradeItemDescription	Description200	[0..1]	Textual description of the trade item.	BRAD RQ 09-236-A
Attribute	productVariantIdentifier	String {1..80}	[0..1]	Text identifying a variant of the product, for example for promotional reasons.	BRAD WIO-ecom-3

4.2.40. Transport Cargo Characteristics

Class Diagram

```
class TransportCargoCharacteristics

        TransportCargoCharacteristics

  +   cargoTypeCode:  CargoTypeCode
  +   harmonizedSystemCode:  HarmonizedSystemCode [0..1]
  +   cargoTypeDescription:  Description200 [0..1]
  +   countryOfOriginCode:  CountryCode [0..1]
  +   finalDestinationCountry:  CountryCode [0..1]
  +   totalGrossVolume:  Measurement [0..1]
  +   totalGrossWeight:  Measurement [0..1]
  +   totalTransportNetWeight:  Measurement [0..1]
  +   totalChargeableWeight:  Measurement [0..1]
  +   declaredWeightForCustoms:  Measurement [0..1]
  +   totalLoadingLength:  Measurement [0..1]
  +   associatedInvoiceAmount:  Amount [0..1]
  +   declaredValueForCustoms:  Amount [0..1]
  +   totalPackageQuantity:  Quantity [0..1]
  +   totalItemQuantity:  Quantity [0..1]
```

GDD Report

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
TransportCargoCharacteristics				Information on a load of goods being transported.	
Attribute	cargoTypeCode	CargoTypeCode	1..1	Code specifying the classification of a type of cargo for example hazardous cargo.	
Attribute	harmonizedSystemCode	HarmonizedSystemCode	0..1	Code specifying the cargo according to the Harmonised Commodity Description and Coding System (HS) of tariff nomenclature, developed and maintained by the World Customs Organization (WCO)	
Attribute	cargoTypeDescription	Description200	0..1	Free text specifying the classification of a type of cargo.	
Attribute	countryOfOriginCode	CountryCode	0..1	The country where this transport cargo has been manufactured.	

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
Attribute	finalDestinationCountry	CountryCode	0..1	The country considered to be the final destination for this transport cargo, for regulatory compliance purposes.	
Attribute	totalGrossVolume	Measurement	0..1	A measure of the volume, normally calculated by multiplying the maximum length, width, and height of the packaged goods.	
Attribute	totalGrossWeight	Measurement	0..1	A measure of the mass of the goods including the weight of transport packaging, and potentially the weight of any transport equipment.	
Attribute	totalTransportNetWeight	Measurement	0..1	A measure of the mass of the goods excluding the weight of transport packaging and excluding the weight of any transport equipment.	
Attribute	totalChargeableWeight	Measurement	0..1	Measure of the weight on which freight charges may be calculated for this transport cargo.	
Attribute	declaredWeightForCustoms	Measurement	0..1	Measure of the weight of the gods for customs declaration purposes.	
Attribute	totalLoadingLength	Measurement	0..1	Measure of the total length the goods occupy in a transport means / on a piece of transport equipment. E.g. Loading metres in a truck or trailer	
Attribute	associatedInvoiceAmount	Amount	0..1	The commercial value of the cargo	
Attribute	declaredValueForCustoms	Amount	0..1	The monetary value declared for customs purposes for this transport cargo	
Attribute	totalPackageQuantity	Quantity	0..1	Total number of logistic units (e.g. pallets) in this transport cargo.	
Attribute	totalItemQuantity	Quantity	0..1	The number of trade items on which freight charges may be calculated for this transport cargo.	

4.2.41. Transport Equipment

Class Diagram

GDD Report

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
TransportEquipment				Transport equipment is a piece of equipment used to hold, protect or secure cargo for logistics purposes. Transport Equipment is to be moved using Transport Means.	
Association	returnableAssetTypeIdentification	ReturnableAssetIdentification	0..1	The returnable asset identifier for the type of transport equipment.	
Association	individualReturnableAssetIdentification	ReturnableAssetIdentification	0..*	The returnable asset identifier for an individual piece of transport equipment.	
Association		IndividualAssetIdentification	0..*	The individual asset identifier for an individual piece of transport equipment.	
Attribute	transportEquipmentTypeCode	Code	1..1	Code specifying the transport equipment size and type.	BRAD Transport Management TEQ1, TEQ2

4.2.42. Transport Means

Class Diagram
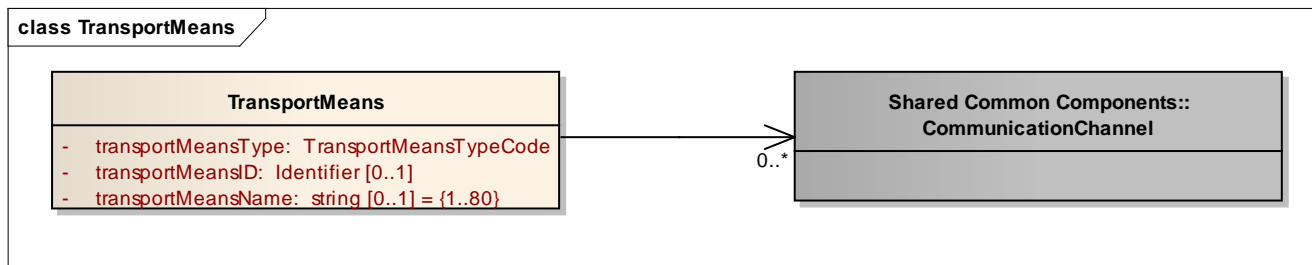
GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
TransportMeans				A transport means is a particular device (with its own engine/power) used to convey goods or other objects from place to place during logistics cargo movements.	
Association		CommunicationChannel	[0..*]	The channel or manner in which a communication can be made with the transport means. E.g. telephone or email.	
Attribute	transportMeansType	TransportMeansTypeCode	[1..1]	Code specifying the type of vehicle, aircraft, vessel or other device used for the transport of goods.	TME1
Attribute	transportMeansID	Identifier	[0..1]	The unique identifier of a particular means of transport. E.g. A license plate number or vessel id.	TME2
Attribute	transportMeansName	string	[0..1]	The name, expressed as text, of a particular means of transport. E.g. The vessel name.	TME2

4.2.43. Transport Reference

Class Diagram
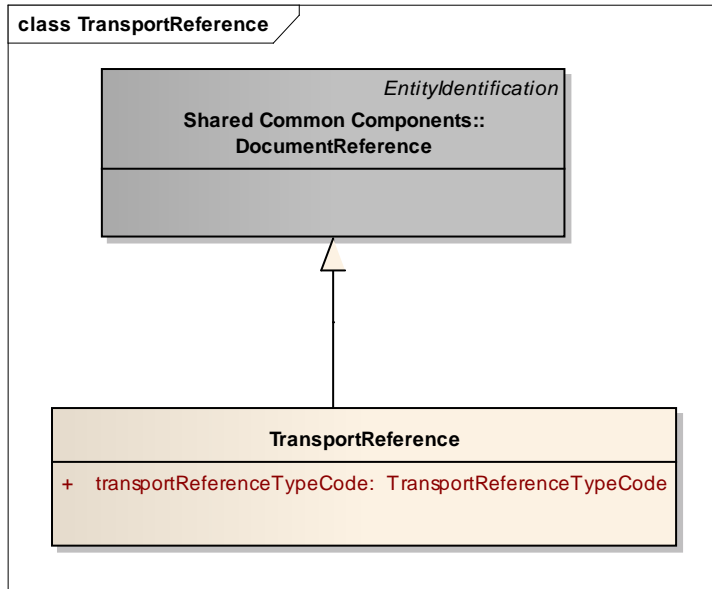
GDD Report

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
TransportReference				Reference to associated information in support of transport related business processes. E.g. a purchase order or a bank account number.	
Generalization		DocumentReference		Basic details identifying the referenced document or information.	
Attribute	transportReferenceTypeCode	TransportReferenceTypeCode	1..1	Code specifying the type of information that is being referred to.	

4.2.44. Transport Seal

Class Diagram
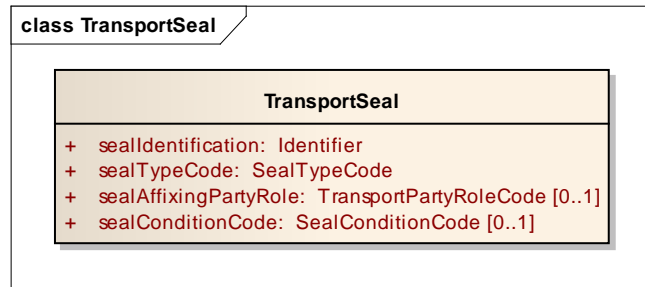

```
class TransportSeal

                    TransportSeal

+   sealIdentification: Identifier
+   sealTypeCode: SealTypeCode
+   sealAffixingPartyRole: TransportPartyRoleCode [0..1]
+   sealConditionCode: SealConditionCode [0..1]
```

GDD Report

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
TransportSeal				Information on the item attached to a piece of transport equipment used for closing and/or securing the cargo.	
Attribute	sealIdentification	Identifier	[1..1]	Provides the seal number or identification of the seal.	BRAD TEQ8
Attribute	sealTypeCode	SealTypeCode	[1..1]	A code identifying the type of seal used on the cargo.	
Attribute	sealAffixingPartyRole	TransportPartyRoleCode	[0..1]	The code specifying the role of the party responsible for the sealing of this transport seal.	BRAD TEQ9
Attribute	sealConditionCode	SealConditionCode	[0..1]	The code specifying the working condition of a seal. E.g. Damaged.	UN/EDIFACT Data Element 4517 Release: D.08A

4.2.45. Transport Status

Class Diagram
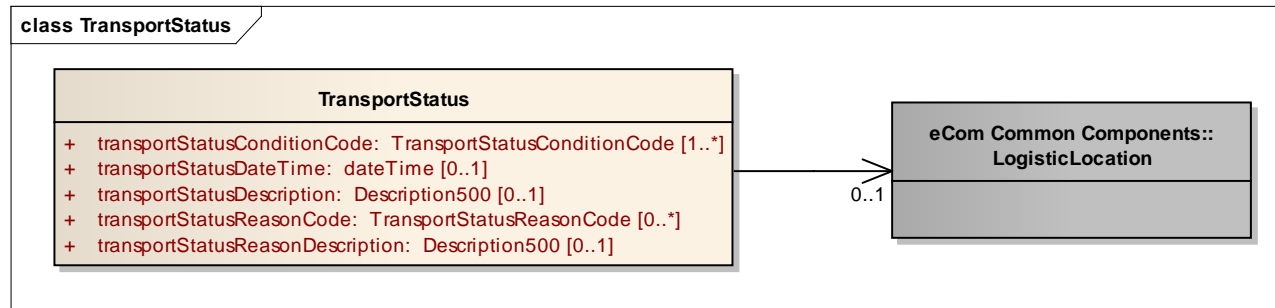
### GDD Report

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
TransportStatus				Information on the transport execution status.	
Association		LogisticLocation	0..1	A location related to the reported transport status.	BRAD TM TRS6
Attribute	transportStatusConditionCode	TransportStatusConditionCode	1..*	The code specifying the transport status condition.	BRAD TM TRS1
Attribute	transportStatusDateTime	dateTime	0..1	A date time that applies to the reported transport status.	BRAD TM TRS5
Attribute	transportStatusDescription	Description500	0..1	The textual description of the transport status.	BRAD TM TRS2
Attribute	transportStatusReasonCode	TransportStatusReasonCode	0..*	A code specifying a reason for thetransport status	BRAD TM TRS3
Attribute	transportStatusReasonDescription	Description500	0..1	A reason, expressed as text, for the transport status.	BRAD TM TRS4

4.2.46. Transport Tracking Log Event

Class Diagram
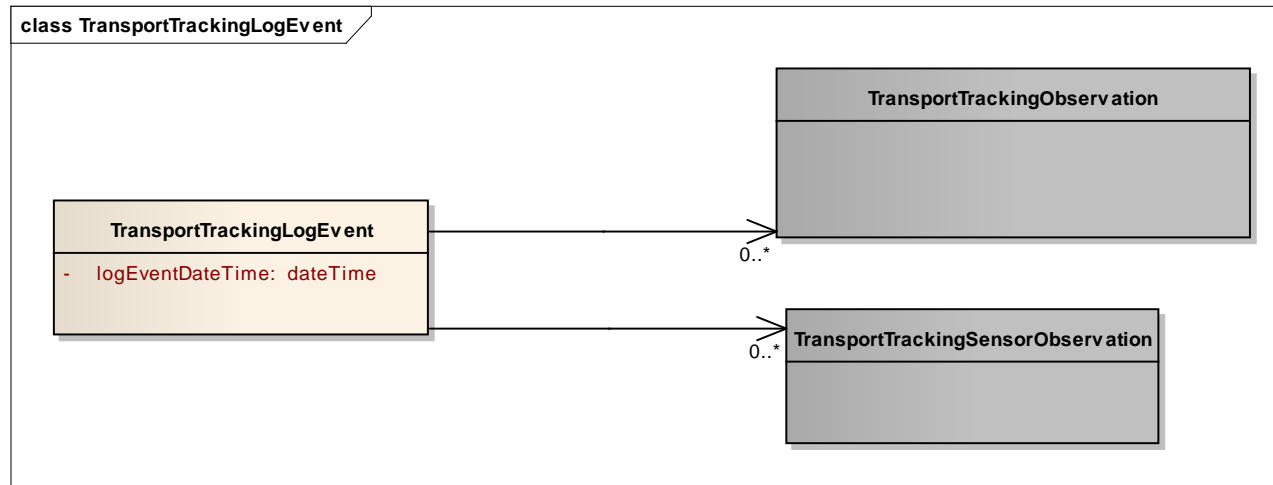
GDD Report

Content	Attribute / Role	Datatype /Secondary class	Multipli city	Definition	Requirements
TransportTrackingLogEvent				A transport tracking log event is a record of a significant occurrence or happening during transport.	
Association		TransportTrackingObs ervation	0..*	Information on one or more observations.	
Association		TransportTrackingSen sorObservation	0..*	Information on one or more observations grouped by sensor.	
Attribute	logEventDateTime	dateTime	1..1	The date time of the recorded event.	BRAD TM TTL2

4.2.47. Transport Tracking Observation

Class Diagram
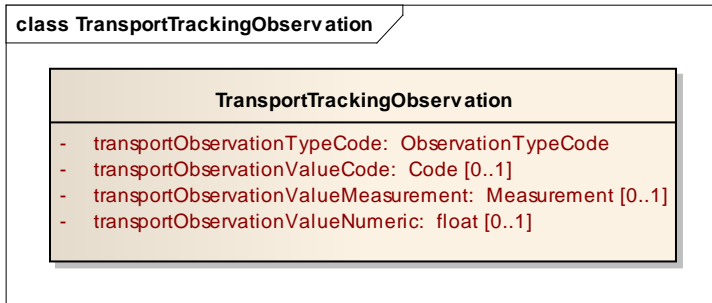
```
class TransportTrackingObservation

            TransportTrackingObservation

-   transportObservationTypeCode: ObservationTypeCode
-   transportObservationValueCode: Code [0..1]
-   transportObservationValueMeasurement: Measurement [0..1]
-   transportObservationValueNumeric: float [0..1]
```

GDD Report

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
TransportTrackingObservation				An amount, size, or extent as established by measuring during transport.	
Attribute	transportObservationTypeCode	ObservationTypeCode	1..1	Code specifying the type of observation.	BRAD TM TTM
Attribute	transportObservationValueCode	Code	0..1	Coded vale of the observation.	BRAD TM TTM
Attribute	transportObservationValueMeasurement	Measurement	0..1	Measurement value of the observation.	BRAD TM TTM
Attribute	transportObservationValueNumeric	float	0..1	Numeric value of the observation.	BRAD TM TTM

4.2.48. Transport Tracking Sensor Observation

Class Diagram
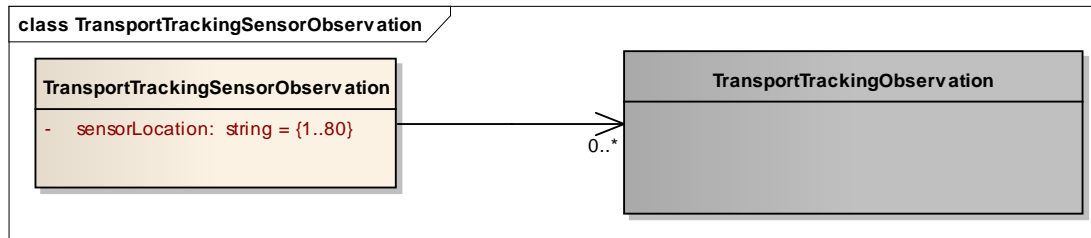
```
class TransportTrackingSensorObservation

  TransportTrackingSensorObservation              TransportTrackingObservation
  -   sensorLocation: string = {1..80}
                                          0..*
```

GDD Report

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
TransportTrackingSensorObservation				Transport tracking observations grouped by the sensor reporting the observations.	
Association		TransportTrackingObservation	0..*	The observations reported by the sensor.	
Attribute	sensorLocation	string	1..1	Text specifying the location of the sensor. For example: rear door.	BRAD TM TTS2

4.2.49. Unit Measurement
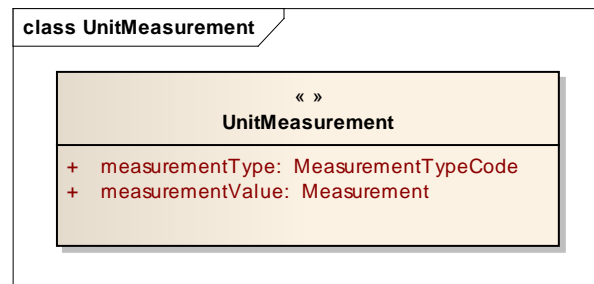
Class Diagram

```
class UnitMeasurement

            « »
        UnitMeasurement
  +   measurementType: MeasurementTypeCode
  +   measurementValue: Measurement
```

**GDD Report**

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
UnitMeasurement				Information specifying the weight or volume of a unit.	
Attribute	measurementType	MeasurementTypeCode		Code specifying the type of measurement, for example "Gross Weight".	
Attribute	measurementValue	Measurement		Value of the attribute measured.	

4.2.50. XHTML

Class diagram
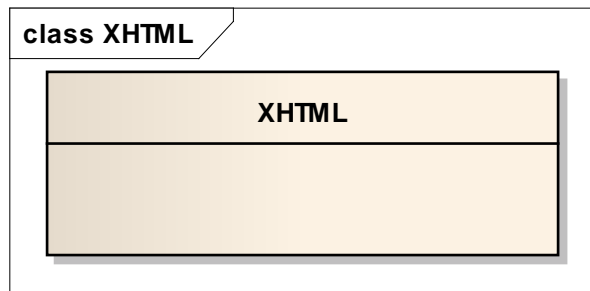
GDD report

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
XHTML				Textual content formatted in the Extensible Hyper Text Markup Language (XHTML).	

5. Enumerations

5.1. DebitCreditEnumeration

CREDIT	Not Available
DEBIT	Not Available

5.2. TransportPlanningDateTypeEnumeration

DELIVERY_DATE	Planning is based on the date the shipment will be delivered to the designated location.
PICKUP_DATE	Planning is based on the date the shipment will be picked up from the designated location.

6. Code Lists

✓ **Note:** The table below shows codelists referred to in this document, but which actually reside in the Shared Common Library for major release 3.0.0

Referred to in class	Codelist
AllowanceChargeTypeCode	AllowanceChargeTypeCode
LeviedDutyFeeTax	TaxCategoryCode
DeliveryTerms	Incotermscode
paymentTermsTypeCode	PaymentTermsTypeCode

✓ **Note:** The most current version of the GS1 External Code Lists will be available in the GDD. The following section details these values as of release 3.0.0

6.1.   AdministrativeUnitTypeCode

GS1 Code List	AdministrativeUnitTypeCode
GS1 Code List Version	1 (March 2013)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
DIVISION	Division	Distinction made for administrative purposes in order to allocate enterprise resources to a division.
BUSINESS_UNIT	Business unit	Distinction made for administrative purposes in order to allocate enterprise resources to a business unit.
SALES_ORGANIZATION	Sales organization	Distinction made for administrative purposes in order to allocate enterprise resources to a sales organization.
COST_CENTER	Cost center	Distinction made for administrative purposes in order to allocate enterprise resources to a cost center.
DISTRIBUTION_CHANNEL	Distribution channel	Distinction made for administrative purposes in order to allocate enterprise resources to distribution channel.
OPERATING_UNIT	Operating unit	Distinction made for administrative purposes in order to allocate enterprise resources to a legal accounting entity.
INVENTORY_OWNER	Inventory owner	Distinction made for administrative purposes in order to allocate stock held in custody but owned by another party.
SUB_CONTRACTOR	Sub contractor	Distinction made for administrative purposes in order to allocate enterprise resources to a sub-contractor.
FOR_INTERNAL_USE_1	For internal use 1	Identification used for internal mapping purposes.
FOR_INTERNAL_USE_2	For internal use 2	Identification used for internal mapping purposes.
FOR_INTERNAL_USE_3	For internal use 3	Identification used for internal mapping purposes.
FOR_INTERNAL_USE_4	For internal use 4	Identification used for internal mapping purposes.
FOR_INTERNAL_USE_5	For internal use 5	Identification used for internal mapping purposes.
FOR_INTERNAL_USE_6	For internal use 6	Identification used for internal mapping purposes.
FOR_INTERNAL_USE_7	For internal use 7	Identification used for internal mapping purposes.
FOR_INTERNAL_USE_8	For internal use 8	Identification used for internal mapping purposes.
FOR_INTERNAL_USE_9	For internal use 9	Identification used for internal mapping purposes.
FOR_INTERNAL_USE_10	For internal use 10	Identification used for internal mapping purposes.

6.2.   AppointmentTimeMeasurementBasisTypeCode

GS1 Code List	AppointmentTimeMeasurementBasisTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
APPOINTMENT_WINDOW	Appointment window	If the delivery occurs before or after the indicated appointment date and time by less than the number of minutes given by the Appointment Window parameter, it is considered to be on time.
DEADLINE	Deadline	The appointment date and time represent the latest instance that the delivery can arrive and still be considered on time.

6.3.   CargoTypeCode

GS1 Code List	CargoTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	UN/ECE
Based on Code List	UN/EDIFACT 7085 01B
Type Of Management	GS1 RESTRICTED

Code Value	Code Name	Code Definition
1	Documents	Documents
2	Low value non-dutiable consignments	Low value non-dutiable consignments
3	Low value dutiable consignments	Low value dutiable consignments
4	High value consignments	High value consignments
5	Other non-containerized	Other non-containerized
6	Vehicles	Vehicles
7	Roll-on roll-off	Roll-on roll-off
8	Palletized	Palletized
9	Containerized	Containerized
10	Breakbulk	Breakbulk
11	Hazardous cargo	Hazardous cargo
12	General cargo	General cargo
13	Liquid cargo	Liquid cargo
14	Temperature controlled cargo	Temperature controlled cargo
15	Environmental pollutant cargo	Environmental pollutant cargo
16	Not-hazardous cargo	Not-hazardous cargo
17	Diplomatic	Diplomatic
18	Military	Military
19	Obnoxious	Obnoxious
20	Out of gauge	Out of gauge
21	Household goods and personal effects	Household goods and personal effects
22	Frozen cargo	Frozen cargo
23	Ballast only	Ballast only

6.4.   CreditReasonCode

GS1 Code List	CreditReasonCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
AGREED_SETTLEMENT	Agreed settlement	An adjustment made based on an agreement between partners, and selected when the available credit reason codes are not applicable.
BELOW_SPECIFICATION	Below specification	The goods delivered are of a lower specification than the agreed specification between the buyer and seller.
CASH_DISCOUNT	Cash discount	An adjustment has been made due to the application of a cash discount.
DAMAGED_GOOD	Damaged good	An adjustment due to the damage of goods. Note where damage is identifiable as being caused during transit then transport damage reason code should be used.
DISCOUNT_FOR_LATE_DELIVERY	Discount for late delivery	Penalty amount deducted for late delivery.
EARLY_PAYMENT_ALLOWANCE_ADJUSTMENT	Early payment allowance adjustment	Adjustment results from the application of an early payment allowance this could be for the whole invoice or specific items within the invoice.
GOODS_NOT_DELIVERED	Goods not delivered	Buyer has not received the goods.
GOODS_ON_CONSIGNMENT	Goods on consignment	Buyer does not accept invoice(s) charge as it relates to goods where the ownership remains with the seller until sold.
INCORRECT_CHARGE	Incorrect charge	A charge that was not agreed with the buyer, hence the reason for the credit.
INCORRECT_DISCOUNT	Incorrect discount	Seller has applied incorrect discount calculation on invoices.
INCORRECT_DUE_DATE_FOR_MONETARY_AMOUNT	Incorrect due date for monetary amount	Adjustment has been made because an incorrect due date was referred to the previous invoice with regard to the monetary amount.
INVOICE_ERROR	Invoice error	Invoice not in accordance with the order.
PRICE_DISCREPANCY	Price discrepancy	Seller has charged a price on the invoice that was not agreed with the buyer.
SHORT_DELIVERY	Short delivery	When there is shortage on the delivery. Example There is a shortage of 4 units when 10 units are ordered and invoiced, but only 6 units were delivered.
TRADE_DISCOUNT	Trade discount	A discount from the list price of a commodity allowed by a seller to a buyer.
TRANSPORT_DAMAGE	Transport damage	Damage occurred during transit of goods. Note where damage is identifiable as being caused during transit then transport damage reason code should be used.

Code Value	Code Name	Code Definition
WRONG_DELIVERY	Wrong delivery	Goods returned not ordered.
WRONG_INVOICE	Wrong invoice	Wrong monetary amount resulting from incorrect free goods quantity.

6.5. CustomsWarehouseStatusCode

GS1 Code List	CustomsWarehouseStatusCode
GS1 Code List Version	1 (March 2013)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
BONDED	Bonded	Imported goods held in inventory under customs supervision until the importer either pays the duties or re-exports the goods.
FREE_CIRCULATION	Free circulation	Goods held in inventory for which all import formalities such as payment of duties have been fulfilled.

6.6. DangerousGoodsAttributeTypeCode

GS1 Code List	DangerousGoodsAttributeTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Original Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
TUNNEL_RESTRICTION_CODE	Tunnel restriction code	Attribute contains a tunnel restriction code.
FLASHPOINT	Flashpoint	Attribute contains the flashpoint temperature.
SHIPMENT_FLASHPOINT	Shipment flashpoint	Attribute contains the flashpoint temperature for the shipment.
EMS_NUMBER	Ems number	Attribute contains the emergency response (EmS) procedure number.
MFAG	Mfag	Attribute contains the medical first aid guide (MFAG) reference.
TREM_CARD_NUMBER	Trem card number	Attribute contains the transport emergency (TREM) card number.
SAFETY_INFORMATION	Safety information	Attribute contains safety information.
PACKAGING_INFORMATION	Packaging information	Attribute contains packaging information.
MARINE_POLLUTANT	Marine pollutant	Attribute contains information on marine pollutants.
MAXIMUM_EXEMPTION_LIMIT	Maximum exemption limit	Attribute contains the maximum exemption limit.

6.7.   DangerousGoodsRegulationCode

GS1 Code List	DangerousGoodsRegulationCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Original Code List	UN/EDIFACT 8273
Type Of Management	GS1 RESTRICTED AND EXTENDED

Code Value	Code Name	Code Definition
ADR	European agreement regarding the total carriage of dangerous goods	European agreement regarding the total carriage of dangerous goods
CFR	49 code of federal regulations	49 code of federal regulations
ICA	IATA ICAO	IATA ICAO
IMD	IMO IMDG code	IMO IMDG code
RID	Rail/road dangerous goods book (RID)	Rail/road dangerous goods book (RID)
TEC	Transport Emergency Trem Card (GS1 Code)	Transport Emergency Trem Card (GS1 Code)
UI	UK IMO Book	UK IMO Book
ZZZ	Mutually Defined	Mutually Defined

6.8.   DataCarrierTypeCode

GS1 Code List	DataCarrierTypeCode
GS1 Code List Version	1 (December 2011)
Managing Agency	GS1
Based on Original Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
EAN_13	EAN 13	A bar code of the EAN/UPC Symbology that encodes GTIN-13, Coupon-13, RCN-13, and VMN-13.
EAN_13_COMPOSITE	EAN 13 COMPOSITE	An EAN-13 symbol with an additional CC-A or CC-B Composite symbol included at the top of the EAN-13 symbol
EAN_13_WITH_FIVE_DIGIT_ADD_ON	EAN 13 WITH FIVE DIGIT ADD ON	An EAN-13 with an additional five-digit symbol, called an Add-On Symbol that can be included on the item just to the right of the main bar code.
EAN_13_WITH_TWO_DIGIT_ADD_ON	EAN 13 WITH TWO DIGIT ADD ON	An EAN-13 with an additional two-digit symbol, called an Add-On Symbol that can be included on the item just to the right of the main bar code.
EAN_8	EAN 8	A bar code of the EAN/UPC Symbology that encodes GTIN-8 or RCN-8.
EAN_8_COMPOSITE	EAN 8 COMPOSITE	An EAN-8 symbol with an additional CC-A or CC-B symbol included at the top of the EAN-8 symbol
GS1_128	GS1 128	A subset of Code 128 that is utilised exclusively for GS1 System data structures.
GS1_128_COMPOSITE	GS1 128 COMPOSITE	A GS1-128 symbol with an additional CC-A, CC-B or CC-C Composite symbol included at the top of the GS1-128 symbol
GS1_DATA_MATRIX	GS1 DATA MATRIX	GS1 implementation specification for use of Data Matrix
GS1_DATABAR_EXPANDED	GS1 DATABAR EXPANDED	A bar code with a variable width (from 4 to 22 symbol characters, or a minimum of 102X wide and a maximum of 534X wide) and is 34X high (where X is the width of a module).
GS1_DATABAR_EXPANDED_COMPOSITE	GS1 DATABAR EXPANDED COMPOSITE	A GS1 DataBar Expanded symbol with an additional CC-A or CC-B Composite symbol included at the top of theGS1 DataBar Expanded symbol
GS1_DATABAR_EXPANDED_STACKED	GS1 DATABAR EXPANDED STACKED	A multi-row stacked version of GS1 DataBar Expanded.
GS1_DATABAR_EXPANDED_STACKED_COMPOSITE	GS1 DATABAR EXPANDED STACKED COMPOSITE	A GS1 DataBar Expanded Stacked symbol with an additional CC-A or CC-B Composite symbol included at the top of the GS1 DataBar Expanded Stacked symbol
GS1_DATABAR_LIMITED	GS1 DATABAR LIMITED	A bar code designed for small items that will not need to be read by omnidirectional Point-of-Sale (POS) scanners. Its dimensions are 74X wide, starting with a 1X space and ending with a 1X bar, by 10X high (where X is the width of a module).
GS1_DATABAR_LIMITED_COMPOSITE	GS1 DATABAR LIMITED COMPOSITE	A GS1 DataBar Limited Symbol symbol with an additional CC-A or CC-B Composite symbol included at the top of theGS1 DataBar Limited symbol

Code Value	Code Name	Code Definition
GS1_DATABAR_OMNIDIRECTIONAL	GS1 DATABAR OMNIDIRECTIONAL	A full height, two-row version of the GS1 DataBar Omnidirectional Bar Code that is designed to be read by an omnidirectional scanner, such as a retail slot scanner.
GS1_DATABAR_OMNIDIRECTIONAL_CO MPOSITE	GS1 DATABAR OMNIDIRECTIONAL COMPOSITE	A GS1 DataBar Omnidirectional symbol with an additional CC-A or CC-B Composite symbol included at the top of the GS1 DataBar Omnidirectional Stacked symbol
GS1_DATABAR_STACKED	GS1 DATABAR STACKED	The GS1 DataBar Stacked Bar Code is a reduced height two-row version of the GS1 DataBar Omnidirectional Bar Code that is designed for small items that will not need to be read by omnidirectional scanners.
GS1_DATABAR_STACKED_COMPOSITE	GS1 DATABAR STACKED COMPOSITE	A GS1 DataBar Stacked symbol with an additional CC-A or CC-B Composite symbol included at the top of the GS1 DataBar Stacked symbol
GS1_DATABAR_STACKED_OMNIDIRECTI ONAL	GS1 DATABAR STACKED OMNIDIRECTIONAL	A full height, two-row version of the GS1 DataBar Omnidirectional Bar Code that is designed to be read by an omnidirectional scanner, such as a retail slot scanner.
GS1_DATABAR_STACKED_OMNIDIRECTI ONAL_COMPOSITE	GS1 DATABAR STACKED OMNIDIRECTIONAL COMPOSITE	A GS1 DataBar Stacked Omnidirectional symbol with an additional CC-A or CC-B Composite symbol included at the top of the GS1 DataBar Stacked Omnidirectional symbol
GS1_DATABAR_TRUNCATED	GS1 DATABAR TRUNCATED	A reduced height version of the GS1 DataBar Omnidirectional Bar Code that is designed for small items that will not need to be read by omnidirectional scanners.
GS1_DATABAR_TRUNCATED_COMPOSI TE	GS1 DATABAR TRUNCATED COMPOSITE	A GS1 DataBar Truncated symbol with an additional CC-A or CC-B Composite symbol included at the top of the GS1 DataBar Truncated symbol
ITF_14	ITF 14	ITF-14 (A subset of Interleaved 2-of-5) Bar Codes carry GTINs only on trade items that are not expected to pass through the Point-of-Sale.
NO_BARCODE	NO BARCODE	Item packaging does not contain bar code.
RFID_EPC_TAG	RFID EPC TAG	Tagged with an RFID EPC tag.
UPC_A	UPC A	A bar code of the EAN/UPC Symbology that encodes GTIN-12, Coupon-12, RCN-12, and VMN-12.
UPC_A_COMPOSITE	UPC A COMPOSITE	A UPC-A symbol with an additional CC-A or CC-B Composite symbol included at the top of the UPC-A symbol
UPC_A_WITH_FIVE_DIGIT_ADD_ON	UPC A WITH FIVE DIGIT ADD ON	A UPC-A with an additional five-digit symbol, called an Add-On Symbol that can be included on the item just to the right of the main bar code.
UPC_A_WITH_TWO_DIGIT_ADD_ON	UPC A WITH TWO DIGIT ADD ON	A UPC-A Symbol with with an additional two-digit symbol, called an Add-On Symbol that can be included on the item just to the right of the main bar code.
UPC_E	UPC E	A bar code of the EAN/UPC Symbology representing a GTIN-12 in six explicitly encoded digits using zero-suppression techniques.
UPC_E_COMPOSITE	UPC E COMPOSITE	A UPC-E symbol with an additional CC-A or CC-B Composite symbol included at the top of the UPC-E symbol

Code Value	Code Name	Code Definition
UPC_E_FIVE_DIGIT_ADD_ON	UPC E FIVE DIGIT ADD ON	A UPC-E with an additional five-digit symbol, called an Add-On Symbol that can be included on the item just to the right of the main bar code.
UPC_E_WITH_TWO_DIGIT_ADD_ON	UPC E WITH TWO DIGIT ADD ON	A UPC-E Symbol with with an additional two-digit symbol, called an Add-On Symbol that can be included on the item just to the right of the main bar code.

6.9.   DeliverDateTypeCode

GS1 Code List	DeliverDateTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
APPOINTMENT_GRANTED	Appointment granted	Not Available
APPOINTMENT_SCHEDULED	Appointment scheduled	Not Available
DELIVER_BY	Deliver by	Not Available
DELIVER_NO_LATER_THAN	Deliver no later than	Date identifying a point of time after which goods shall not or will not be delivered.
DELIVER_NOT_BEFORE	Deliver not before	Deliver not before a specific date range.
REQUESTED	Requested	Date on which buyer requests goods to be delivered.
REQUESTED_SCHEDULED	Requested scheduled	Not Available
SCHEDULED	Scheduled	Delivery date/time, scheduled for
SHIP_NO_LATER_THAN	Ship no later than	Date identifying a point of time after which goods shall not or will not be shipped.
SHIP_NOT_BEFORE	Ship not before	Date identifying a point of time before which goods shall not or will not be shipped.

6.10. DeliveryTypeCode

GS1 Code List	DeliveryTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
COMPLETE_DELIVERY	Complete Delivery	The delivery is intended to be complete, without further shipments to be expected.
PARTIAL_DELIVERY	Partial Delivery	The delivery is intended to be partial, further shipments to be expected.

6.11. DeliveryTimeMeasurementBasisTypeCode

GS1 Code List	DeliveryTimeMeasurementBasisTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
FIRST_APPOINTMENT_DATE_TIME	First appointment date time	First negotiated appointment date and time
LAST_APPOINTMENT_DATE_TIME	Last appointment date time	Last negotiated appointment date and time
PO_NEED_BY_DATE	Po need by date	Desired delivery date as expressed in the purchase order

6.12. DemandEstimationTypeCode

GS1 Code List	DemandEstimationTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
FORECAST_BASIS	Forecast basis	Demand estimate is based upon a forecast
HISTORICAL_BASIS	Historical basis	Demand estimate is based upon historical results

6.13. DutyFeeTaxTypeCode

GS1 Code List	DutyFeeTaxTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	UN/ECE
Based on Code List	
Type Of Management	

Code Value	Code Name	Code Definition
AAD	Tobacco tax	Tobacco tax
AAF	Coffee tax	Coffee tax
AAJ	Tax on replacement part	Tax on replacement part
ACT	Alcohol tax	Alcohol tax
CAR	Car tax	Car tax
ENV	Environmental tax	Environmental tax
EXC	Excise duty	Excise duty
GST	Goods and services tax	Goods and services tax
IMP	Import tax	Import tax
OIL	Oil tax	Oil tax
OTH	Other taxes	Other taxes
VAT	Value added tax	Value added tax

6.14. EffectiveDateTypeCode

GS1 Code List	EffectiveDateTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
EFFECTIVE_DATE	Effective date	The date at which an event turns into effect. (Context dependent).
EXPIRATION_DATE	Expiration date	The date at which an event ceases to be in effect. (Context dependent).
FIRST_ARRIVAL_DATE	First arrival date	The earliest date that the trade item can arrive.
FIRST_ORDER_DATE	First order date	The earliest date that an order can be placed for the trade item.
FIRST_SHIP_DATE	First ship date	The earliest date that the trade item can be shipped. This is independent of any specific ship-from location.
LAST_ARRIVAL_DATE	Last arrival date	The latest date that the trade item can arrive.
LAST_ORDER_DATE	Last order date	The latest date that an order can be placed for the trade item.
LAST_SHIP_DATE	Last ship date	The latest date that the trade item can be shipped. This is independent of any specific ship-from location.

6.15. ErrorOrWarningCode

GS1 Code List	ErrorOrWarningCode
GS1 Code List Version	2 (March 2013)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
APPLICATION_ROUTING_ERROR	Application routing error	Application Routing Error
ARTICLE_OUT_OF_ASSORTMENT	Article out of assortment	Article normally part of a standard assortment is unavailable.
BLOCKED_ARTICLE	Blocked article	Article has been blocked by supplier, e.g. for the reason of quality problems.
BUSINESS_SCOPE_BLOCK	Business scope block	Indicates the type of scope, the identifiers for the scope, other supporting information and the scope content itself.
CODE_NOT_MAPPED_TO_APPLICATION	Code not mapped to application	Code Not Mapped to Application.
CONFIRMED_BUT_DELAY_EXPECTED	Confirmed but delay expected	The goods may arrive at a later point in time than requested, for example because they will be shipped from a different location. Release note: new in version 2.
CUSTOMER_IDENTIFICATION_NUMBER_AND_ENTITY_NAME_DO_NOT_MATCH	Customer identification number and entity name do not match	Customer Identification Number and Entity Name Do not match
CUSTOMER_IDENTIFICATION_NUMBER_DOES_NOT_EXIST	Customer identification number does not exist	Customer Identification Number Does not Exist
CUSTOMER_IDENTIFICATION_NUMBER_IS_INVALID	Customer identification number is invalid	Customer Identification Number is Invalid
CUSTOMER_IDENTIFICATION_NUMBER_IS_MISSING	Customer identification number is missing	Customer Identification Number Is Missing
DELIVERY_SLOT_MISSED	Delivery slot missed	Latest time to place order exceeded therefore slot not available.
DELIVERY_SLOT_NOT_VALID_FOR_LOCATION	Delivery slot not valid for location	Requested delivery time slot not valid for that ship to location.
DISCONTINUED_LINE	Discontinued line	To cease making or manufacturing.
DOCUMENT_ENCLOSED_IN_THE_FIRST_TRANSMISSION	Document enclosed in the first transmission	Documents enclosed in the first transmission
DOCUMENT_ENCLOSED_IN_THE_SECOND_TRANSMISSION	Document enclosed in the second transmission	Documents enclosed in the second transmission

Code Value	Code Name	Code Definition
DOCUMENT_NOT_ATTACHED	Document not attached	Document not attached
DOCUMENT_NOT_AVAILABLE	Document not available	Document not available.
DOCUMENT_NOT_REQUIRED_WAIVER_ISSUED	Document not required waiver issued	Document not required, waiver issued.
DUPLICATE	Duplicate	Duplicate
GAP_IN_TIME_PERIOD	Gap in time period	Expected adjacent, non-overlapping weekly samples but got non-adjacent weekly samples.
INCOMPLETE_MESSAGE	Incomplete message	Incomplete Message
INCORRECT_DATE	Incorrect date	Incorrect Date
INSTANCE_IDENTIFIER	Instance identifier	Descriptor which contains reference information which uniquely identifies this instance of the SBD between the sender and the receiver
INVALID_BUSINESS_PROCESS_CURRENT_STATUS_CODE	Invalid business process current status code	Invalid Business Process Current Status Code
INVALID_BUYER_EVENT_IDENTIFICATION	Invalid buyer event identification	As a result of an acknowledgement, change, or change in status; the 'buyer' Event ID does not exist
INVALID_BUYER_IDENTIFICATION	Invalid buyer identification	Buyer (Trading Partner Identification) is invalid.
INVALID_BUYER_LOCATION_GROUP_IDENTIFICATION	Invalid buyer location group identification	Invalid buyer group location Identification
INVALID_BUYER_LOCATION_IDENTIFICATION	Invalid buyer location identification	Invalid buyer location identification number
INVALID_DATE	Invalid date	Invalid date
INVALID_PRODUCT_BUYER_GROUP_IDENTIFICATION	Invalid product buyer group identification	Product / Item Buyer Group Identification Number does not exist.
INVALID_PRODUCT_OR_ITEM_IDENTIFICATION	Invalid product or item identification	Product / Item Number does not exist
INVALID_PRODUCT_SELLER_GROUP_IDENTIFICATION	Invalid product seller group identification	Product / Item Seller Group Identification Number does not exist.
INVALID_SELLER_EVENT_IDENTIFICATION	Invalid seller event identification	As a result of an acknowledgement, change, or change in status; the 'seller' Event ID does not exist
INVALID_SELLER_IDENTIFICATION	Invalid seller identification	Seller (Trading Partner Identification) is invalid.
INVALID_SELLER_LOCATION_GROUP_IDENTIFICATION	Invalid seller location group identification	Invalid seller group location Identification
INVALID_SELLER_LOCATION_IDENTIFICATION	Invalid seller location identification	Invalid seller location identification number
INVALID_STATUS_TRANSITION	Invalid status transition	The Status of this Event has changed and does not follow the acceptable status change life cycle.

Code Value	Code Name	Code Definition
INVALID_TIME_PERIOD	Invalid time period	Example: Expected weekly forecast and received monthly
ITEM_MARKED_FOR_DELETE	Item marked for delete	Item Marked For Delete.
ITEM_NOT_AUTHORIZED	Item not authorized	Item Not Authorized.
ITEM_TEMPORARILY_NOT_AVAILABLE	Item temporarily not available	Item temporarily not available.
MANIFEST_BLOCK	Manifest block	A flag to indicate that there is more than one type of Document in the instance.
MAXIMUM_ORDERED_QUANTITY_EXCEEDED	Maximum ordered quantity exceeded	Number of ordered articles exceeds the maximum quantity, set by supplier for a certain buyer
MESSAGE_UNDER_DEVELOPMENT	Message under development	Message under development.
MISSING_CODE_FOR_APPLICATION	Missing code for application	Missing Code for Application
MISSING_DATA	Missing data	Missing Data.
MISSING_EFFECTIVE_MESSAGE_DATE	Missing effective message date	Missing Effective Message Date
MISSING_IDENTIFICATION_CODE	Missing identification code	Missing Identification Code
MISSING_MESSAGE_REFERENCE_NUMBER	Missing message reference number	Missing Message Reference Number
MISSING_OR_INVALID_DUNS_NUMBER	Missing or invalid duns number	Missing or Invalid DUNS Number
MISSING_OR_INVALID_LOCATION	Missing or invalid location	Missing or Invalid Location
MISSING_OR_INVALID_MESSAGE_CODE	Missing or invalid message code	Missing or Invalid Message Code
MISSING_OR_INVALID_SCAC	Missing or invalid scac	Missing or Invalid SCAC
MISSING_OR_INVALID_UPC_CODE	Missing or invalid upc code	Missing or Invalid U.P.C. Code
NOT_PERMITTED_BY_LAW	Not permitted by law	Article may not be delivered to certain buyers because this is not permitted by law, e.g. the buyer is not licensed for buying opiates.
OTHER_UNLISTED_REASON	Other unlisted reason	Other Unlisted Reason
OVERLAPPING_TIME_PERIOD	Overlapping time period	Expected adjacent, non-overlapping weekly samples, but got overlapping weekly samples.
PARTICIPATING_LOCATION	Participating location	Number of Participating Locations does not equal the number of Locations communicated in the detail.
PARTICIPATION_PERCENT	Participation percent	Percent of all participating locations
PRODUCT_NOT_VALID_FOR_LOCATION	Product not valid for location	Requested product not valid for that ship to location.

Code Value	Code Name	Code Definition
PRODUCT_OUT_OF_STOCK	Product out of stock	Product out of stock.
RECEIVED_AFTER_CUTOFF_DATE_OR_TIME	Received after cutoff date or time	Received After Cutoff Date or Time
SENDER_NOT_AUTHORIZED_FOR_THIS_MESSAGE	Sender not authorized for this message	Sender Not Authorized for this message
STANDARD_BUSINESS_DOCUMENT_STANDARD_TYPE	Standard business document standard type	Originator of the type of the Business Data standard, e.g. SWIFT, OAG, used.
TO_ARRIVE_BY_SEPARATE_XML_MESSAGE	To arrive by separate xml message	To arrive by separate XML message
TYPE	Type	A logical indicator representing the type of Business Data being sent or the named type of business data.
TYPE_VERSION	Type version	(Standard Business Document. Standard Type Version.Identifier): Descriptor which contains versioning information or number of the standard that defines the document which is specified in the 'Type' data element, e.g. D.96A.
UNAUTHORIZED_BUSINESS_PROCESS_STATE	Unauthorized business process state	Unauthorized Business Process State code.
UNAUTHORIZED_BUSINESS_SERVICE_ACTION_CODE	Unauthorized business service action code	Unauthorized Business Service Action Code.

6.16.　FinancialAdjustmentReasonCode

GS1 Code List	FinancialAdjustmentReasonCode
GS1 Code List Version	1 (September 2011)
Managing Agency	UN/ECE
Based on Code List	UN/EDIFACT 4465
Type Of Management	n/a

Code Value	Code Name	Code Definition
1	Agreed settlement	Adjustment has been made as part of an agreed settlement.
2	Below specification goods	Goods of inferior quality.
3	Damaged goods	Adjustment has been made because of damaged goods.
4	Short delivery	Adjustment has been made to take into account short delivery.
5	Price query	Adjustment has been made to take into account a price query.
6	Proof of delivery required	Adjustment because no proof of delivery was available.
7	Payment on account	Adjustment has been made because payment is on account.
8	Returnable container charge included	Adjustment has been made because of an included returnable container charge.
9	Invoice error	Adjustment has been made to take into account invoice error.
14	Wrong delivery	Delivery not according to specifications.
16	Goods partly returned	Goods partly returned.
17	Transport damage	Goods damaged in transit.
18	Goods on consignment	Buyer does not accept invoice(s) charge as it relates to goods where the ownership remains with the seller until sold.
19	Trade discount	Trade discount deducted from payment.
20	Discount for late delivery	Penalty amount deducted for later delivery.
21	Advertising costs	Advertising costs deducted from payment.
26	Taxes	Taxes deducted from payment.
32	Goods not delivered	Buyer has not received the goods.
35	Goods returned	Buyer returned the goods to seller.
38	Deducted bonus	Buyer has/will deduct a bonus he is entitled to from payment.
40	Deducted freight costs	Buyer has/will deduct freight costs from the payment
52	Wrong invoice	Invoice issued to wrong party.

Code Value	Code Name	Code Definition
56	Incorrect discount	Buyer states that calculated discount on the invoice(s) is wrongly calculated.
57	Price change	Price has been changed.
64	Expecting new terms	Buyer expects that seller revises the terms of payment of an invoice.
66	Cash discount	An adjustment has been made due to the application of a cash discount.
67	Delcredere costs	Costs deducted from a total amount to pay for the services of central payment.
68	Early payment allowance adjustment	Adjustment results from the application of an early payment allowance.
69	Incorrect due date for monetary amount	Adjustment has been made because an incorrect due date was referred to with regard to the monetary amount.
70	Wrong monetary amount resulting from incorrect free goods quantity	Adjustment has been made because of a wrong monetary amount resulting from an incorrect free goods quantity.
71	Rack or shelf replenishment service by a supplier	Adjustment due to the replenishment of the racks or shelves by a supplier.
73	Difference in tax rate	Adjustment due to a difference in tax rate.
74	Quantity discount	Quantity discount deducted from payment, when a purchase quantity threshold has been met or exceeded.
75	Promotion discount	Adjustment due to a promotion discount.
90	Treasury management service charge	This code is used if service provider responsible for treasury management is deducting the invoice by own service charge.
10E	Incorrect references (GS1 Code)	Adjustment has taken place because of incorrect references.
11E	Incorrect charge (GS1 Code)	Adjustment has taken place because of an incorrect charge.
12E	Incorrect identification of the buyer (GS1 Code)	Adjustment has taken place because of incorrect identification of the buyer.
13E	Incorrect product identification (GS1 Code)	Adjustment has taken place because of incorrect product identification.
17E	Deducted bonus (GS1 Code)	Buyer has/will deduct a bonus he is entitled to from the payment.
19E	New employee (GS1 Code)	The reason of the adjustment is a new employee.
20E	Employee retirement (GS1 Code)	The reason of the adjustment is a retiring of the employee.
21E	Salary change (GS1 Code)	The reason of the adjustment is a salary change.
22E	Maternity licence (GS1 Code)	The reason for the adjustment is a maternity licence.
23E	Job accident (GS1 Code)	A job accident.
24E	No exceptional situation (GS1 Code)	There are no exceptional situations.

Code Value	Code Name	Code Definition
25E	Temporary suspension of the contract (GS1 Code)	When the contract is suspended, there are no contributions.
26E	Employee incapacity (GS1 Code)	The employee's professional incapacity.
27E	Holiday (GS1 Code)	Holidays
28E	Voluntary pension (GS1 Code)	Voluntary pension amount.
29E	Change in salary (GS1 Code)	A contribution change according to the salary.
30E	Special tariff (GS1 Code)	Special tariff given.
31E	Various work places (GS1 Code)	Person working in various places.
37E	Extraordinary promotion services (GS1 Code)	Extraordinary, not permanent promotion services.
39E	Pricing discount (GS1 Code)	An adjustment has been made due to the application of a pricing discount.
41E	Sundry discount (GS1 Code)	An adjustment has been made due to the application of a sundry discount.
ZZZ	Mutually defined	A code assigned within a code list to be used on an interim basis and as defined among trading partners until a precise code can be assigned to the code list.

6.17. ForecastPurposeCode

GS1 Code List	ForecastPurposeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
ORDER_FORECAST	Order forecast	The forecast is for the expected receipt of items at the location.
SALES_FORECAST	Sales forecast	The forecast is for the expected sales or consumption of items at the location.
SHIPMENT_FORECAST	Shipment forecast	The forecast is for shipments to the location

6.18. ForecastTypeCode

GS1 Code List	ForecastTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
BASE	Base	The forecast includes only baseline (non-promoted) demand
PROMOTIONAL	Promotional	The forecast includes only promotional demand
SEASONAL	Seasonal	The forecast includes only the seasonal component of total demand
TOTAL	Total	The forecast includes all types of demand

6.19. GoodsReceiptReportingCode

GS1 Code List	GoodsReceiptReportingCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
CONFIRMATION	Confirmation	Not available
EXCEPTIONS	Exceptions	Not available
FULL_DETAILS	Full details	Not available

6.20.   HandlingInstructionCode

GS1 Code List	HandlingInstructionCode
GS1 Code List Version	1 (September 2011)
Managing Agency	UN/ECE
Based on Code List	UN/EDIFACT 4079 01B
Type Of Management	GS1 RESTRICTED AND EXTENDED

Code Value	Code Name	Code Definition
1	Heat sensitive	The object is heat sensitive.
2	Store in dry environment	The object must be stored in dry environment.
3	Stacked	The identified item is, or can be stacked.
AVI	Live animal (GS1 Code)	Live animal (GS1 Code)
BIG	Outsized (GS1 Code)	Outsized (GS1 Code)
CRU	Crushable (GS1 Code)	Crushable (GS1 Code)
DAE	Dangerous article (GS1 Code)	A code indicating that an article is dangerous.
DCE	Delivery via distribution centre (GS1 Code)	Delivery via distribution centre (GS1 Code)
DDE	Direct delivery (GS1 Code)	Direct delivery (GS1 Code)
DES	Destroy (GS1 Code)	The identified goods are to be destroyed according to specified instructions.
EAT	Foodstuffs (GS1 Code)	Foodstuffs (GS1 Code)
FTD	Frost danger (GS1 Code)	Frost danger (GS1 Code)
HEA	Heavy cargo/150 kg and over per piece (GS1 Code)	Heavy cargo/150 kg and over per piece (GS1 Code)
HGA	Hanging garment (GS1 Code):	The identified product(s) should be handled as a hanging garment.
HWC	Handle with care (GS1 Code)	Handle with care (GS1 Code)
LAB	Label (GS1 Code)	The identified product is/are to be labelled.
LYG	Lying (GS1 Code)	The identified product(s) should be kept in a lying position.
MF	Multiple facings (GS1 Code)	The item has multiple facings (views) for presentation in the shelf.
MOV	Move (GS1 Code)	The identified product is to be moved according to instructions specified.
NES	Nestable (GS1 Code)	A package which can be stacked into similar package types e.g. applies for dishes, plates, bowls or buckets.
NSD	Nesting depth (GS1 Code)	The item can be stacked into each other (e.g. plates, bowls or buckets). The nesting refers to the depth of the item's facing (main view).
NSH	Nesting height (GS1 Code)	The item can be stacked into each other (e.g. plates, bowls or buckets). The nesting refers to the height of the item's facing (main view).

Code Value	Code Name	Code Definition
NSW	Nesting width (GS1 Code)	The item can be stacked into each other (e.g. plates, bowls or buckets). The nesting refers to the width of the item's facing (main view).
NWP	Newspapers, magazines (GS1 Code)	Newspapers, magazines (GS1 Code)
OHG	Overhang item (GS1 Code)	Overhang item (GS1 Code)
PACE	Pack (GS1 Code)	The identified product is to be packed according to the instructions provided.
PER	Perishable cargo (GS1 Code)	Perishable cargo (GS1 Code)
PFS	Prepare for shipment (GS1 Code)	The identified product(s) is(are) to be prepared for shipment.
PIC	Pick (GS1 Code)	The identified product is to be picked.
PKS	Pick in sequence (GS1 Code)	The identified product is to be picked according to a specific sequence.
PSC	Pest controlling (GS1 Code)	Pest controlling (GS1 Code)
RCY	Recyclable packaging (GS1 Code)	Recyclable packaging (GS1 Code)
RES	Reserve (GS1 Code)	Reserve identified goods according to specified instructions.
RFG	Flammable compressed gas (GS1 Code)	Flammable compressed gas (GS1 Code)
RFL	Flammable liquid (GS1 Code)	Flammable liquid (GS1 Code)
RFS	Flammable solid (GS1 Code)	Flammable solid (GS1 Code)
RPB	Poison (GS1 Code)	Poison (GS1 Code)
SLT	Sensitive to light (GS1 Code)	The product is sensitive to light.
SSN	Smell sensitive (GS1 Code)	Smell sensitive (GS1 Code)
STR	Stacking restricted (GS1 Code)	Stacking restricted (GS1 Code)
TRD	Transit or cross docking delivery (GS1 Code)	The identified product is to be delivered via a transit or cross docking facility.
UNP	Unpack (GS1 Code)	The identified product is to be unpacked from the identified package.
UPR	Upright/standing (GS1 Code)	The identified product should be kept in an upright or standing position.
UST	Unstackable (GS1 Code)	Unstackable (GS1 Code)
VAL	Valuable cargo (GS1 Code)	Valuable cargo (GS1 Code)

6.21. HarmonizedSystemCode

GS1 Code List	HarmonizedSystemCode
GS1 Code List Version	n/a
Managing Agency	WCO (World Customs Organization)
Based on Code List	HS Nomenclature2007 Edition
Type Of Management	FULLY ADOPTED

6.22. IdentityDocumentTypeCode

GS1 Code List	IdentityDocumentTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
DRIVERS_LICENSE	Drivers license	A license authorizing the bearer to drive a motor vehicle driver's licence
EMPLOYEE_CARD	Employee card	A card identifying employees of an organisation.
NATIONAL_IDENTITY_CARD	National identity card	A personal identification card, which some countries require their citizens to carry.
PASSPORT	Passport	Number assigned to a passport.

6.23.   InventoryActivityTypeCode

GS1 Code List	InventoryActivityTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
DAMAGED_IN_FACILITY	Damaged in facility	A decrease or increase due to product being damaged in the warehouse or warehouse location.
DAMAGED_IN_TRANSIT	Damaged in transit	A decrease or increase due to product being damaged during transfer or transportation in-bound or out-bound to a warehouse or warehouse location
DESPATCH_DISCREPANCY	Despatch discrepancy	A decrease or increase in inventory as a result of shipping product to or from the warehouse or warehouse location.
DESPATCHES	Despatches	A decrease or increase of inventory because of shipment of goods to another location.
DESTROYED	Destroyed	A decrease or increase due to product being dumped or destroyed and physically no longer exists.
DISTRESSED	Distressed	A decrease or increase for product in inventory that is about to expire.
EXPIRATION	Expiration	A decrease or increase for product in inventory that has expired.
ON_HOLD	On hold	A decrease or increase due to product being placed on hold.
PHYSICAL_COUNT	Physical count	A decrease or increase due to the result of a physical count of inventory
QUARANTINE	Quarantine	A decrease or increase in a status of product that has been produced, but has not yet cleared quality /performance testing and is therefore not available for transport or sale.
RECALL	Recall	A decrease or increase for inventory received back to the warehouse or warehouse location.
RECEIPT_DISCREPANCY	Receipt discrepancy	A decrease or increase in inventory as a result of discrepancies made at receipt of product at the warehouse or warehouse location.
RECEIPTS	Receipts	A decrease or increase in inventory because of shipment of goods from another location.
RECOUP_REWORK_OF_DAMAGED_PRODUCT	Recoup rework of damaged product	A decrease or increase in inventory as a result of restoring damaged product.
REIDENTIFICATION	Reidentification	A decrease or increase in inventory as a result of changing the identification of a product; e.g. regarding, stock number change, material identification change.
TRANSFER	Transfer	A decrease or increase in inventory as a result of moving inventory between warehouses, warehouse locations, or cost centres.

6.24. InventoryMeasurementBasisTypeCode

GS1 Code List	InventoryMeasurementBasisTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
ON_HAND_ONLY	On hand only	Only the current on-hand balance is included in the inventory cover calculation
ON_HAND_PLUS_PIPELINE	On hand plus pipeline	Both the current on-hand balance as well as inbound inventory in the distribution pipeline is included in the inventory cover calculation

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6.25. InventoryMovementTypeCode

GS1 Code List	InventoryMovementTypeCode
GS1 Code List Version	2 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
MOVING_PRODUCT_INTO_INVENTORY	Moving product into inventory	An inventory or product movement into the place where item is stored.
MOVING_PRODUCT_OUT_OF_INVENTORY	Moving product out of inventory	An inventory or product movement out of the place where item is stored.
INCREASE	Increase	The quantity of a particular trade item, held at a specified location, with a specified status, is increased. Release notes: Added in version 2
DECREASE	Decrease	The quantity of a particular trade item, held at a specified location, with a specified status, is decreased. Release notes: Added in version 2

6.26.   InventoryStatusCode

GS1 Code List	InventoryStatusCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
ALLOCATED_FOR_ORDER	Allocated for order	Inventory designated to fulfil a shipment request.
AVAILABLE_FOR_SALE	Available for sale	Inventory designated to fulfil future shipment requests.
BLOCKED	Blocked	Inventory that has been identified and categorized as blocked.
DAMAGED	Damaged	Inventory that has been identified and categorized as damaged.
EXPIRED	Expired	Inventory that has been identified as exceeding the maximum durability date of an item.
IN_TRANSIT	In transit	Inventory being transferred or transported either in-bound or out-bound to the warehouse or warehouse location.
MAXIMUM_STOCK	Maximum stock	Maximum stock target quantity in storage location in order to trigger action if this is exceeded.
MINIMUM_STOCK	Minimum stock	Minimum stock target quantity in storage location in order to trigger actions if this is exceeded.
ON_CONSIGNMENT_ON_HAND	On consignment on hand	Total quantity of all inventory for a warehouse or warehouse location. To be used in a Consignment Stock process, meaning goods in stock with agreement on payment when goods are sold or consumed out of this stock. Goods or products are owned by the vendor until they are sold or consumed by the buyer.
ON_CONSIGNMENT_ON_HOLD	On consignment on hold	Total quantity of non-shippable or non-saleable inventory in a warehouse or warehouse location. This status is temporary. As an example this is product that has promotion, sales, or damage hold reasons. To be used in a Consignment Stock process, meaning goods in stock with agreement on payment when goods are sold or consumed out of this stock. Goods or products are owned by the vendor until they are sold or consumed by the buyer.
ON_CONSIGNMENT_QUARANTINED	On consignment quarantined	Status of product in a warehouse or warehouse location that has been produced, but has not yet cleared quality /performance testing and is therefore not available for transport or sale. To be used in a Consignment Stock process, meaning goods in stock with agreement on payment when goods are sold or consumed out of this stock. Goods or products are owned by the vendor until they are sold or consumed by the buyer.

Code Value	Code Name	Code Definition
ON_CONSIGNMENT_REST RICTED_USE	On consignment restricted use	Status for items that are going through a specific check outside of the quarantined process. For example: If an item is nearing its expiration date, it is available for controlled use and is identified by a restricted status. To be used in a Consignment Stock process, meaning goods in stock with agreement on payment when goods are sold or consumed out of this stock. Goods or products are owned by the vendor until they are sold or consumed by the buyer.
ON_HAND	On hand	The total quantity of all inventory for a warehouse or warehouse location.
ON_HOLD	On hold	Total quantity of non-shippable or non-saleable inventory in a warehouse or warehouse location. This status is temporary. As an example this is product that has promotion, sales, or damage hold reasons.
QUARANTINED	Quarantined	Status of product in a warehouse or warehouse location that has been produced, but has not yet cleared quality /performance testing and is therefore not available for transport or sale.
RECALLED	Recalled	Product in inventory that has been withdrawn from the supply chain.
RESTRICTED_USE	Restricted use	Items that are going through a specific check outside of the quarantined process. For example: If an item is nearing its expiration date, it is available for controlled use and is identified by a restricted status.
RETURNED	Returned	Product in inventory that has been returned from the buyer.

6.27. InventorySubLocationFunctionCode

GS1 Code List	InventorySubLocationFunctionCode
GS1 Code List Version	1 (March 2013)
Managing Agency	GS1
Based on Code List	EPCIS CBV 1.0 - Sub-Site Attribute
Type Of Management	n/a

Code Value	Code Name	Code Definition
401	Electronics	A specific area within the store for holding electronic products such as TV's, DVD players, etc.
402	Cold storage	A specific area or room that maintains a temperature above freezing but below ambient room temperature.
403	Shelf	A specified internal location for holding product.
404	Frozen	A specific area or room that maintains a temperature at or below freezing
405	Fresh	A specific area or room that maintains a specified temperature and/or humidity to preserve stored product

Code Value	Code Name	Code Definition
406	Promotion	A specific area or room that is used to hold special purchased product.
407	End Cap	A specific internal location on the sales floor, typically at the end of an aisle, for displaying product.
408	Point of Sale	An area in a retail location where sales transactions occur
409	Security	A designated internal location for the purpose of minimizing direct access to the product
411	General Merchandise	An area where typically – non-food products other than perishable, dry groceries and health and beauty care products that are displayed in stores on standard shelving. Examples include household cleaning products, paper napkins, laundry detergents, and insect repellents
412	Grocery	An area where typically - food products that are displayed in stores on standard shelving. Examples include canned goods, produce, meats.
413	Box Crusher	A Baler used to compact recycled materials (e.g. corrugated boxes, slip sheets and packaging material)
414	Dock / Door	One or more doors where trucks or rail cars are loaded (shipping) or unloaded (receiving). Used to load or unload trailers or vans.
415	Conveyor Belt	A continuous moving strip or surface that is used for transporting single cartons or a load of objects from one place to another
416	Pallet Wrapper	An area where any automatic or manual method using bands of plastic film applied to product used to encase palletized loads prior to shipment to protect against product damage.
417	Fixed Reader	Any fixed read point configuration (reader and antennas) for the purpose of capturing EPC data (e.g. Door way or conveyor read point)
418	Mobile Reader	Any non-fixed (portable) reader configuration (reader and antennas) for the purpose of capturing EPC data (e.g. Hand held or forklift reader)
419	Shelf/Storage	Where the product is stored on the sales floor, not accessible to the customer, until it can be moved, making it accessible to the consumer.
420	Returns	An area within a store or retailer DC for holding or consolidating product to be sent back to the supplier, shipper or designated location.
421	Staging	An area within a DC or Manufacturing Facility which the receiving and shipping docks use to gather and check inbound and outbound loads.
422	Assembly	An area where components are put together into an end product, appropriate to the process concerned.
423	Lay-Away	An area within a store for holding or consolidating customer purchases for final payment and pickup

Code Value	Code Name	Code Definition
424	Dispenser	Tablet, caplet or capsule dispensing machine in which bulk product has been placed to be dispensed on a prescription basis.
425	Quarantine	An area at a Manufacturing, Distribution or Retail facility to hold product that may not be suitable for consumption until further inspection
426	Controlled Substance	A caged and locked area in which regulated, controlled substance pharmaceuticals are held while awaiting shipment.
427	Recalled Product	An area in which recalled product is stored pending shipment back to the manufacturer or the manufacturer's designated returns centre for final disposition
428	Quality Control	An area in which any product not meeting quality standards is held pending further evaluation.
429	Printing Room	An area which provides printed labels/tags for the goods/cartons/pallets within a DC or Manufacturing Facility. Please note – this supports the process where an EPC tag is encoded off the line and is later commissioned and associated with a particular product.</sup>
430	Truck Dock	A parking bay, partly enclosed by a raised platform, at which trucks are loaded and unloaded, e.g. in a warehouse site.
431	Entrance Gate	A point of transport access into a yard or other arriving area.
432	Exit Gate	A point of transport exit from a yard or other departing area.
433	Gate	A point of transport within a facility – not indicated specifically as an entrance or an exit point.
434	Read Point Verification Spot	A point at which a tagged object's location has been verified by an associated read of a separate fixed location tag. Read Point Verification Spot would be used when there is a business process to capture the current location of an object at rest (typically with a mobile reader).

6.28. InventorySubLocationTypeCode

GS1 Code List	InventorySubLocationTypeCode
GS1 Code List Version	1 (March 2013)
Managing Agency	GS1
Based on Code List	EPCIS CBV 1.0 - Sub-Site Type
Type Of Management	n/a

Code Value	Code Name	Code Definition
201	Backroom	An area within a store (all formats - club, etc) used

Code Value	Code Name	Code Definition
		to hold product until it is purchased or can be moved to the sales floor
202	Storage Area	An area where product is kept within a facility to fulfil future need. Reserve rack or bulk stacking. A location where the product is stored until it is needed in selection aisles making it accessible to the consumer. Reserve slots may contain one or multiple pallet loads, as well as multiple items within them For a retail store Secondary storage area associated with a store (may not be in the physical location) Potential to use this more broadly and add attributes to make distinction
203	Sales Floor	An area within a store (all formats - club, etc) where product is displayed for customer purchase
207	Returns Area	An area within a facility for holding or consolidating product to be sent back to the supplier, shipper or designated location
208	Production Area	An area within a facility where the conversion of materials and or assembly of components to manufacture goods, products or services takes place.
209	Receiving Area	An area within a facility where incoming merchandise is unloaded and checked for condition and completeness
210	Shipping Area	An area within a facility where outgoing merchandise is checked for condition and completeness and loaded onto a conveyance for transport
211	Sales Floor Transition Area	An area within a store between two physical locations (e.g. Backroom and Sales Floor) - used for a read point only
212	Customer Pick-Up Area	An area designated at a store for customer to take possession of purchased product.
213	Yard	An area outside of the main building used for holding product (e.g. Trailer or container)
214	Container Deck	An area on board a shipping vessel where containers are loaded.
215	Cargo Terminal	An area where cargo may get transferred between carriers. Cargo terminals provide the interface between modes of transportation.
251	Packaging Area	An area within a facility where product is packaged.
252	Picking Area	An area within a facility in which product is picked to fulfill an order.
253	Pharmacy Area	An area within a facility where prescription products are stored, dispensed and/or sold.
299	Undefined	Any sub-site type not identified by any of the listed values

6.29. InvoiceTypeCode

GS1 Code List	InvoiceTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
AGREED_TERMS	Agreed terms	Claim for payment of goods or services based upon terms agreed on a bi-lateral basis between the trading partners.
CORRECTED_INVOICE	Corrected invoice	Claim for payment of goods and services that includes revised information differing from an earlier submission of the same claim for payment
CREDIT_NOTE	Credit note	Credit correction of an earlier exchanged claim for payment by an invoice or any other claim for an identified and agreed financial discrepancy.
DEBIT_NOTE	Debit note	Debit correction of an earlier exchanged claim for payment by an invoice or any other claim for an identified and agreed financial discrepancy.
INVOICE	Invoice	Claim for payment for goods or services supplied under conditions agreed between the seller and the buyer, seller originated.
PRO_FORMA_INVOICE	Pro forma invoice	Document or message serving as a preliminary invoice, containing – on the whole – the same information as the final invoice, but not actually claiming payment.
SELF_BILLED_CREDIT_NOTE	Self billed credit note	Credit correction of an earlier exchanged claim for payment by a (Self Billed) invoice or any other claim for an identified and agreed financial discrepancy, buyer originated.
SELF_BILLED_INVOICE	Self billed invoice	Claim for payment for goods or services supplied under conditions agreed between the seller and the buyer, buyer originated.
TAX_INVOICE	Tax invoice	Claim for payment for goods or services supplied under conditions agreed between the seller and the buyer, seller originated for taxation purposes.

6.30. ItemScopeTypeCode

GS1 Code List	ItemScopeTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
BRAND	Brand	All products of a specific brand
CLASS	Class	All products that fall within a global product class or category
COLOUR	Colour	All products of a specific colour
DEPARTMENT	Department	All products that fall within a retailer's department
FLAVOUR	Flavour	All products of a specific flavour
GPC	Gpc	A component of GS1 GDSN. It provides the required global framework for trade item categorisation supporting global data synchronisation.
GTIN	Gtin	The GS1 Identification Key used to identify trade items. The key comprises a GS1 Company Prefix followed by an Item Reference Number and a Check Digit.
ITEM	Item	All of the style, colour, size, flavour and variety variations of a specific product
LINE_OF_BUSINESS	Line of business	All products that fall within a supplier's line of business
RETAIL_CATEGORY	Retail category	All products that fall within a retailer's item category
SIZE	Size	All products of a specific size
SKU	Sku	All products that are equivalent from a retailer's stocking perspective
STYLE	Style	All products of a specific style
SUBCLASS	Subclass	All products that fall within a global product subclass or subcategory
TOTAL	Total	All products
TRADING_RELATIONSHIP	Trading relationship	All of the supplier's products that the customer distributes
VARIETY	Variety	All products of a specific variety

6.31. LegalRegistrationCode

GS1 Code List	LegalRegistrationCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
BUSINESS_REGISTRATION	Business registration	Not available
CHAMBER_OF_COMMERCE_REGISTRATION	Chamber of commerce registration	Not available

6.32. LineItemActionCode

GS1 Code List	LineItemActionCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
ADDITION	Addition	This line item is to be added to the original purchase order as a new or additional item. All required data must be transmitted.
CHANGED	Changed	This line item is to be changed. The data transmitted replaces the previously held information for the order line item.
DELETED	Deleted	This line item is to be deleted from the referenced purchase order. No other data for the line item needs to be transmitted.
NOT_AMENDED	Not amended	This line item has not been changed and is included for information.
PENDING	Pending	This line item has not been changed and is included since discussion is required on the action to be taken.

6.33. LocationScopeParameterTypeCode

GS1 Code List	LocationScopeParameterTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
CUSTOMER_DESTINATION_LOCATION	Customer destination location	Filters the location scope specified by a RECEIVING_LOCATION to include only those locations of a certain type. For example, if the RECEIVING_LOCATION is CHAIN (normally all locations within the chain), CUSTOMER_DESTINATION_LOCATION can be set to DISTRIBUTION_CENTER to indicate that the locations should only include the distribution centres within the chain, not other types of locations (such as stores). Because it is a filter, CUSTOMER_DESTINATION_LOCATION does not have a corresponding location value.
LOCATION_CONTEXT	Location context	Defines the overall range of locations from which a selection of locations may be made. For example, the location context could be set to COUNTRY with a value of "FR" (France). Then if the LOCATION_SELECTION is set to CHAIN with the corporate GLN value of a retailer, the result is that only those retailer chain locations within France would be within the scope of the calculation.
LOCATION_SELECTION	Location selection	Describes the specific set of locations to be measured within a broader location context. For example, if the LOCATION_CONTEXT is CHANNEL, with a value of Grocery, and the LOCATION_SELECTION is POSTAL_CODE, with a value of 01742, only grocery stores within the 01742 postal code would be within the scope of the calculation.
RECEIVING_LOCATION	Receiving location	Identifies the facility or a range of facilities that are at the destination of a delivery.
SHIPPING_LOCATION	Shipping location	Identifies the facility or a range of facilities that are at the origin of a delivery.
VENDOR_LOCATION	Vendor location	Filters the location scope specified by a SHIPPING_LOCATION to include only those facilities of a certain type. For example, if the SHIPPING_LOCATION is SUPPLIER (normally all locations within the supplier), VENDOR_LOCATION can be set to PLANT to indicate that the locations should only include the plant shipments from the supplier, not shipments from distribution centres. Because it is a filter, VENDOR_LOCATION does not have a corresponding location value.

6.34. LocationScopeTypeCode

GS1 Code List	LocationScopeTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
AREA	Area	All store regions within an area
CHAIN	Chain	All locations within a retail chain
CHANNEL	Channel	All locations within a specific class of trade
CITY	City	All locations within the boundaries of a city
COUNTRY	Country	All locations within a country
DISTRIBUTION_CENTRE	Distribution centre	A specific distribution centre location
DIVISION	Division	A specific division location.
GEOGRAPHICAL_REGION	Geographical region	All locations within a specified geographic region
GEOGRAPHICAL_SUBREGION	Geographical subregion	All locations within a specified geographic subregion
GLN	GLN	The GS1 Identification Key used to identify physical locations or legal entities. The key comprises a GS1 Company Prefix, Location Reference, and Check Digit.
LANE_OR_ROUTE	Lane or route	A specific transportation lane or route
PLANT	Plant	A specific production plant or factory location
POSTAL_CODE	Postal code	All locations within a specific postal code
STATE	State	All locations within a state or province
STOCKING_LOCATION	Stocking location	A specific stocking location (e.g. shelf, display) within a store
STORE	Store	A specific store location
STORE_CLUSTER	Store cluster	All locations that share a set of common characteristics (such as customer demographics)
STORE_REGION	Store region	All locations within a retailer's store region
SUPPLIER	Supplier	All supplier distribution locations (plant / DC)
TOTAL	Total	All locations
ZONE	Zone	All locations within a zone

6.35. LogisticEventTypeCode

GS1 Code List	LogisticEventTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
TRANSFER_POINT_ARRIVAL	Transfer point arrival	Not available
TRANSFER_POINT_DEPARTURE	Transfer point departure	Not available
CUSTOMS_ARRIVAL	Customs arrival	Not available
CUSTOMS_DEPARTURE	Customs departure	Not available
TERMINAL_ARRIVAL	Terminal arrival	Not available
TERMINAL_DEPARTURE	Terminal departure	Not available

6.36. LogisticServiceRequirementCode

GS1 Code List	LogisticServiceRequirementCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
1	Carrier loads	Carrier loads
2	Full loads	Full loads
3	Less than full loads	Less than full loads
4	Shipper loads	Shipper loads
5	To be delivered	To be delivered
6	To be kept	To be kept
7	Transhipment allowed	Transhipment allowed
8	Transhipment not allowed	Transhipment not allowed
9	Partial shipment allowed	Partial shipment allowed
10	Partial shipment not allowed	Partial shipment not allowed
11	Partial shipment and/or drawing allowed	Partial shipment and/or drawing allowed
12	Partial shipment and/or drawing not allowed	Partial shipment and/or drawing not allowed
13	Carrier unloads	Carrier unloads
14	Shipper unloads	Shipper unloads
15	Consignee unloads	Consignee unloads
16	Consignee loads	Consignee loads
17	Exclusive usage of equipment	Exclusive usage of equipment
18	Non exclusive usage of equipment	Non exclusive usage of equipment
19	Direct delivery	Direct delivery
20	Direct pick-up	Direct pick-up
21	Request for delivery advice services	Request for delivery advice services
22	Do not arrange customs clearance	Do not arrange customs clearance
23	Arrange customs clearance	Arrange customs clearance
24	Check container condition	Check container condition
25	Damaged containers allowed	Damaged containers allowed
26	Dirty containers allowed	Dirty containers allowed
27	Fork lift holes not required	Fork lift holes not required
28	Fork lift holes required	Fork lift holes required
29	Insure goods during transport	Insure goods during transport

Code Value	Code Name	Code Definition
30	Arrange main-carriage	Arrange main-carriage
31	Arrange on-carriage	Arrange on-carriage
32	Arrange pre-carriage	Arrange pre-carriage
33	Report container safety convention information	Report container safety convention information
34	Check seals	Check seals
35	Container must be clean	Container must be clean
36	Request for proof of delivery	Request for proof of delivery
37	Request for Customs procedure	Request for Customs procedure
38	Request for administration services	Request for administration services
39	Transport insulated under Intercontainer INTERFRIGO conditions	Transport insulated under Intercontainer INTERFRIGO conditions
40	Transport mechanically refrigerated under Intercontainer INTERFRIGO conditions	Transport mechanically refrigerated under Intercontainer INTERFRIGO conditions
41	Cool or freeze service, not under Intercontainer INTERFRIGO conditions	Cool or freeze service, not under Intercontainer INTERFRIGO conditions
42	Transhipment overseas	Transhipment overseas
43	Station delivery	Station delivery
44	Non station delivery	Non station delivery
45	Cleaning or disinfecting	Cleaning or disinfecting
46	Close ventilation valve	Close ventilation valve
47	Consignment held for pick-up	Consignment held for pick-up
48	Refrigeration unit check	Refrigeration unit check
49	Customs clearance at arrival country by carrier	Customs clearance at arrival country by carrier
50	Customs clearance at departure country by carrier	Customs clearance at departure country by carrier
51	Heating for live animals	Heating for live animals
52	Goods humidification	Goods humidification
53	Ensure load is secure	Ensure load is secure
54	Open ventilation valve	Open ventilation valve
55	Phytosanitary control	Phytosanitary control
56	Tare check by carrier	Tare check by carrier
57	Temperature check	Temperature check
58	Weighing of goods	Weighing of goods
59	Escort	Escort
60	No escort	No escort
61	Request for berthing services	Request for berthing services
62	Request for planned berth consideration	Request for planned berth consideration

Code Value	Code Name	Code Definition
63	Request for inbound passing services through port area	Request for inbound passing services through port area
64	Request for outbound passing services through port area	Request for outbound passing services through port area

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6.37. MaterialTypeCode

GS1 Code List	MaterialTypeCode
GS1 Code List Version	1 (December 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Definition
ALUMINIUM	Aluminium	A non specific material made from aluminium or aluminium alloy.
BIO_PLASTIC	Bio-plastic	Plastic certified as compliant with the European norm EN13432 over being recyclable through disintegration or biodegradation
BURLAP	Burlap	The American name for cloth woven from jute fibres. In other parts of the world it is known as Hessian, Hessian cloth, or gunny from the Indian gain.
CAST_IRON	Cast Iron	A commercial alloy of iron, carbon, and silicon that is cast in a mold and is hard, brittle, non-malleable, and incapable of being hammer-welded but more easily fusible than steel
CERAMIC	Ceramic	A non-specific material made from clay and hardened by firing at high temperatures. Examples can include Terra-cotta, Earthenware, Stoneware, Porcelain, and High-Tech Ceramics.
CLOTH_OR_FABRIC	Cloth or Fabric	A non specific material made by weaving, felting, knitting, or crocheting natural and/or synthetic fibres.
COLOURED_GLASS	Coloured Glass	Glass containing external colouring or glass that has been coloured by the addition of colouring agents/particles in its creation
COMPOSITE	Composite	A material that is made from multiple materials.
CORRUGATED	Corrugated	A non specific paperboard that has been drawn or bent into folds or alternate furrows and ridges.
CORRUGATED_BOARD	Corrugated Board	A structure formed by one corrugated inner member glued to one flat facing paperboard; also termed single faced.
DOUBLE_WALL_CORRUGATED_BOARD	Double Wall Corrugated Board	A structure formed by two corrugated inner members glued to one intervening flat facing paperboard with two additional paperboards to each outside corrugated.
FIBRE	Fibre	A non specific material made of a unit of matter, either natural or manufactured, that forms the basic element of fabrics and other textile structures.
FOAM	Foam	A non specific material in a lightweight cellular form resulting from introduction of gas bubbles during manufacture, used to reduce shock and vibration or abrasion.
GLASS	Glass	A non-specific inorganic substance fused at high temperatures and cooled quickly so that it solidifies to a vitreous or noncrystalline condition. This term applies to transparent clear glass or as a generic term if distinction with coloured glass is not desired.

Code Value	Code Name	Definition
HARDWOOD	Hardwood	A general term referring to any variety of broad-leaved, deciduous trees, and the wood from those trees. The term has nothing to do with the actual hardness of the wood; some hardwoods are softer than certain softwood (evergreen) species.
HDPE	High Density Polyethylene (HDPE)	High-Density Polyethylene (HDPE) is a polyethylene thermoplastic made from petroleum. A strong, relatively opaque form of polyethylene having a dense structure with few side branches off the main carbon backbone. Can be applied to bottles, flasks and caps.
IRON	Iron	A heavy metallic element (Fe) capable of being fashioned into a variety of forms.
LAMINATED_CARTON	Laminated Carton	A material made up of laminates of paperboard, foil and polyethylene which combined form a sheet suitable for aseptic processing.
LDPE	Low-density polyethylene (LDPE)	Low-density polyethylene (LDPE) is a polyethylene thermoplastic made from petroleum. A strong form of polyethylene having a less dense structure with more side branches off the main carbon backbone (on about 2% of the carbon atoms) than HDPE; therefore its tensile strength is lower, and its resilience is higher. Made in translucent or opaque variations, it is quite flexible, and tough to the degree of being almost unbreakable. It is widely used for manufacturing various containers, dispensing bottles, wash bottles, tubing, plastic bags for computer components, and various moulded laboratory equipment. Its most common use is in plastic bags.
LEAD	Lead	A bluish-white soft malleable ductile plastic but inelastic heavy metallic element (Pb)
METAL	Metal	A non specific material made from metal or metal alloy material.
NATURAL_RUBBER	Natural rubber	A strong elastic material made by drying the sap from various tropical trees, especially the American rubber tree.
OTHER	Not Otherwise Specified	A non-specific material that cannot be defined with the current material codes. Should be used as a temporary measure while a proper code is established for the type of material.
PAPER	Paper	A non-specific sheet material produced by the matting of fibres from wood, rags, or other fibrous materials. Generally, paper is of a lesser thickness or weight than paperboard.
PAPERBOARD	Paperboard	A non specific material, generally made from cotton or wood, that describe a variety or of board materials used in the production of boxes, folding cartons, and solid fibre and corrugated shipping containers; also termed cardboard
PE	Polyethylene (PE)	A thermoplastic composed of the polymers of ethylene.
PET	Polyethylene terephthalate (PET)	Polyethylene terephthalate is a thermoplastic polymer resin of the polyester family and is used in synthetic fibres. Can be applied to bottles, flasks and caps.
PLASTIC	Plastic	A non-specific material made of any of numerous organic synthetic or processed materials that are mostly thermoplastic or thermosetting polymers of high molecular weight and that can be made into objects, films, or filaments.
POLYMERS	Polymers	A non-specific chemical compound or mixture of compounds formed by polymerization and consisting essentially of repeating structural units

Code Value	Code Name	Definition
PP	Polypropylene	A non-specific material made of various thermoplastic plastics or fibres that are polymers of propylene.
PS	Polystyrene	A polymer prepared by the polymerization of styrene as the sole monomer.
PULPBOARD	Pulp board	A grade of paperboard made with virtually no sizing and of relatively crude formation. It is usually of a lower density.
PVC	PVC (Polyvinyl Chloride)	A polymer of vinyl chloride used especially for electrical insulation, films, and pipes.
RUBBER	Rubber	A strong elastic synthetic substance made either by improving the qualities of natural rubber or by an industrial process using petroleum and coal products
SINGLE_WALL_CORRUGATED_BOARD	Single Wall Corrugated Board	A structure formed by one corrugated inner member glued between two flat facing paperboards; also termed double faced.
SOFTWOOD	Softwood	General term used to describe lumber produced from needle and/or cone bearing trees (Conifers).
STAINLESS_STEEL	Stainless Steel	An alloy of steel with chromium and sometimes another element (as nickel or molybdenum) that is practically immune to rusting and ordinary corrosion
STEEL	Steel	Commercial iron that contains carbon in any amount up to about 1.7 percent as an essential alloying constituent, is malleable when under suitable conditions, and is distinguished from cast iron by its malleability and lower carbon content.
THERMOPLASTICS	Thermoplastics	A non-specific substance that becomes soft and pliable when heated, without a change in its intrinsic properties. Polystyrene and polyethylene are thermoplastics.
TIN	Tin	Tin is a chemical element that is obtained chiefly from the mineral cassiterite, where it occurs as an oxide, SnO2. This silvery, malleable poor metal is not easily oxidized in air, and is used to coat other metals to prevent corrosion. It is used in many alloys, most notably bronze
TRIPLE_WALL_CORRUGATED_BOARD	Triple Wall Corrugated Board	A structure formed by three corrugated inner members glued to two intervening flat facing paperboards with two additional paperboards to each outside corrugated.
VINYL	Vinyl	A non-specific polymer of a vinyl compound or a product (as a resin or a textile fibre) made from such a polymer
WIRE	Wire	A non-specific material made of metal in the form of a very flexible thread or slender rod.
WOOD	Wood	A non specific material made from the hard fibrous lignified substance under the bark of trees.

6.38.　MeasurementTypeCode

GS1 Code List	MeasurementTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
DECLARED_NET_WEIGHT	Declared net weight	Indicates that the package contains a specific amount of commodity exclusive of wrapping materials
GROSS_VOLUME	Gross volume	A measure of the gross volume is normally calculated by multiplying the maximum length, width, and height of this package type
NET_VOLUME	Net volume	A measure of the net volume is normally calculated by multiplying the maximum length, width, and height of the content of the package type
TARE_WEIGHT	Tare weight	Actual computed, or estimated weight of the container and/or packaging. In wholesale and retail trade, it is the weight of box, packaging, wrapping, strapping, etc. In transportation, it is the weight of the carrier (such as truck or van). Tare weight plus net weight equals gross weight
TOTAL_GROSS_WEIGHT	Total gross weight	A measure of the mass of the goods including the weight of transport packaging, and potentially the weight of any transport equipment.
UNIT_GROSS_WEIGHT	Unit gross weight	The gross weight includes all packaging materials of the trade item. At pallet level the trade itemGrossWeight includes the weight of the pallet itself. For example, "200 grm", value – total pounds, total grams, etc. Has to be associated with a valid UoM.
UNIT_NET_WEIGHT	Unit net weight	Identifies the net weight of the trade item. Net weight applies to all levels but consumer unit level. Net Weight excludes all packaging material, including the packaging material of all lower-level GTINs. Examples: "11.5 kgm" value – pounds, grams, etc.

6.39. ObservationTypeCode

GS1 Code List	ObservationTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
TEMPERATURE	Temperature	The degree or intensity of heat present in a substance or object.
RELATIVE_HUMIDITY	Relative humidity	The ratio of the amount of water in the air at a given temperature to the maximum amount it could hold at that temperature; expressed as a percentage
FUEL_CONSUMPTION_AVERAGE	Fuel consumption average	The consumption of fuel expressed as an intermediate scale value.
AXLE_WEIGHT	Axle weight	The amount of weight carried by a single axle and the amount of weight transmitted to the surface by one axle.
LOAD_WEIGHT_INCLUDING_MEANS_AND_EQUIPMENT	Load weight including means and equipment	Weight of the cargo as loaded on a means of transport, including the weight of the means and equipment.
LOAD_WEIGHT_EXCLUDING_MEANS_AND_EQUIPMENT	Load weight excluding means and equipment	Weight of the cargo as loaded on a means of transport, excluding the weight of the means and equipment.
DOOR_STATUS	Door status	The state of the door of the transport means or equipment expressed as open or closed.
LATITUDE	Latitude	The angle, in degrees, of a position on Earth above the equator. (Latitude is negative for a place below the equator.)
LONGITUDE	Longitude	The geographic coordinate most commonly used in cartography and global navigation for east-west measurement. Constant longitude is represented by lines running from north to south.
ELIPSOID_ELEVATION	Elipsoid elevation	Vertical distance from a point down to sea level, based on the reference ellipsoid, rather than true sea level.
ORTHOMETRIC_ELEVATION	Orthometric elevation	Vertical distance from the Mean Sea Level (MSL).
SPEED	Speed	The rate of movement at which a means of transport is operating.
DIRECTION	Direction	The course along which a ship, aircraft, etc., is traveling, expressed as the angle between true or magnetic north and an imaginary line through the main fore-and-aft axis of the means of transport. Minimum is 0, maximum is 359.99
GPS_STATUS	Gps status	Status of the GPS Signal coverage. Values are "Under signal", "No signal" or "Unknown"
ENGINE_STATUS	Engine status	Operating state of the engine of the transport means. Possible values are "On" and "Off".
AIR_COOLER_STATUS	Air cooler status	Operating state of the air cooler equipment. Possible values are "On" and "Off"

Code Value	Code Name	Code Definition
AIR_COOLER_EXPEL_STATUS	Air cooler expel status	Operating state of the air expel of the cooler equipment. Possible values are "On" and "Off".

6.40. OrderInstructionCode

GS1 Code List	OrderInstructionCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
NO_PARTIAL_DELIVERY_ALLOWED	No partial delivery allowed	The goods that are not delivered have to be re-ordered by the buyer. Supplier only delivers the goods they have in stock at that moment. One order leads to one delivery.
PARTIAL_DELIVERY_ALLOWED	Partial delivery allowed	The supplier keeps delivering until the entire order is fulfilled. One order can lead to many deliveries. The buyer doesn't need to place a new order; they just waits for the other goods to be delivered.
PACK_SEPARATELY	Pack separately	BRAD RQ 10-019The items for this order must be packed separately from other orders in one or more logistic unit(s) which may all be part of the same shipment or consignment.

6.41. OrderTypeCode

GS1 Code List	OrderTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	UN/ECE
Based on Code List	
Type Of Management	GS1 RESTRICTED AND EXTENDED

Code Value	Code Name	Code Definition
220	Order	Order
221	Blanket order	Blanket order
224	Rush order	Rush order
225	Repair order	Repair order
226	Call off order	Call off order
227	Consignment order	Consignment order
22E	Manufacturer raised order (GS1 Code)	Manufacturer raised order (GS1 Code)
258	Standing order	Standing order
237	Cross docking services order	Cross docking services order
400	Exceptional order	Exceptional order
401	Transshipment order	Transshipment order
402	Cross docking order	Cross docking order

6.42.   OutOfStockMeasurementTypeCode

GS1 Code List	OutOfStockMeasurementTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
MANUAL_AUDIT	Manual audit	Visual inspection of stocking locations
OTHER	Other	Other method
PERPETUAL_INVENTORY	Perpetual inventory	Estimate of on-hand balance based upon the previous inventory value, adjusted by subsequent sales and receipts
RFID_EPC	RFID EPC	Physical count of items at stocking locations taken by radio frequency identification
SALES_DATA_ANALYSIS	Sales data analysis	Estimate of on-hand balance based upon the observed vs. expected rate of sale

6.43. PackageLevelCode

GS1 Code List	PackageLevelCode
GS1 Code List Version	1 (September 2011)
Managing Agency	UN/ECE
Based on Code List	
Type Of Management	GS1 RESTRICTED AND EXTENDED

Code Value	Code Name	Code Definition
1	Inner	Level of packing, if it exists, that is immediately subordinate to the intermediate packaging level.
2	Intermediate	Level of packaging, if it exists, that is immediately subordinate to the outer packaging level.
3	Outer	For packed merchandise, outermost level of packaging for a shipment.
4	No packaging hierarchy	There is no specifiable level of packaging: packaging is inner and outer level as well.
5	Shipment Level	The packaging level described is the shipment level.
1E	Highest (GS1 Code)	Level of packaging, if it exists, which is highest in the packaging hierarchy.

6.44. PackagingConditionCode

GS1 Code List	PackagingConditionCode
GS1 Code List Version	1 (March 2013)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
GOOD_CONDITION	Good condition	The packaging is ready to be used.
NOT_CLEAN	Not clean	The packaging needs to be cleaned.
DAMAGED	Damaged	The packaging needs to be repaired.

6.45. PackagingMarkingTypeCode

GS1 Code List	PackageMarkingTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	UN/ECE
Based on Code List	
Type Of Management	GS1 RESTRICTED AND EXTENDED

Code Value	Code Name	Code Definition
33E	Marked with serial shipping container code (GS1 Code)	Marked with serial shipping container code (GS1 Code)
34	Marked with GS1 Global Individual Asset Identifier	Marked with GS1 Global Individual Asset Identifier
34E	Marked with EAN/UPC number (GS1 Code)	Marked with EAN/UPC number (GS1 Code)
35E	Marked with first freezing date (GS1 Code)	Marked with first freezing date (GS1 Code)
36E	Marked with batch number (GS1 Code)	Marked with batch number (GS1 Code)
37E	Marked with production/manufacturing date (GS1 Code)	Marked with production/manufacturing date (GS1 Code)
38E	Marked with expiry date (GS1 Code)	Marked with expiry date (GS1 Code)
39E	Marked with best before date (GS1 Code)	Marked with best before date (GS1 Code)
40E	Marked with unit net weight (GS1 Code)	Marked with unit net weight (GS1 Code)
41E	Marked with packaging date (GS1 Code)	Marked with packaging date (GS1 Code)
41G	Marked with GS1 Global Returnable Asset Identifier (GS1 Code)	Marked with GS1 Global Returnable Asset Identifier (GS1 Code)
X26	Not marked with an EAN.UCC code (GS1 Code)	Not marked with an EAN.UCC code (GS1 Code)

6.46. PackageTypeCode

GS1 Code List	PackageTypeCode
GS1 Code List Version	n/a
Managing Agency	UN/ECE
Based on Code List	UN/ECE Recommendation 21
Type Of Management	FULLY ADOPTED

6.47. PassengerCategoryCode

GS1 Code List	PassengerCategoryCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
DRIVER	Driver	Passenger is a driver for the transport.
GUARD	Guard	Passenger is a guard for the transport.
ATTENDANT	Attendant	Passenger is an attendant for the transport.
FAMILY_MEMBER	Family member	Passenger does not have an official role in the transport.

6.48. PaymentFormatCode

GS1 Code List	PaymentFormatCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
CCD	Cash Concentration or Disbursement	Cash Concentration or Disbursement can be either an ACH (Automated Clearing House) credit or debit where funds are transferred between corporate entities. It is used for concentration of funds between or within companies. CCD is the only corporate ACH format that does not have space for additional addenda information.
CCP	Cash Concentration / Disbursement plus addenda	Cash Concentration / Disbursement plus addenda combines the CCD format with a single addendum record that can carry 80 characters. Often referred to also as CCD+.
CTX	Corporate Trade Exchange	Corporate Trade Exchange supports transferring of funds, either credits or debits, within a trading partner relationship. Unlike CCD and CCP, CTX is capable of transmitting extensive remittance data along with transactions.
PPD	Prearranged Payment and Deposit Entry	Prearranged Payment and Deposit Entry is a format by which consumers may authorize credits or debits to their accounts by a company or Financial Institution use.
PPP	Prearranged Payment and Deposit plus Addenda	Prearranged Payment and Deposit plus Addenda combines the PPD format with a single addendum record that can carry 80 characters. Often referred to also as PPD+.

6.49.   PaymentTermsEventCode

GS1 Code List	PaymentTermsEventCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
AFTER_DATE_OF_DELIVERY	After date of delivery	Any date after the date the goods are delivered at agreed place of destination.
ANTICIPATED_DELIVERY_DATE	Anticipated delivery date	The date on which delivery is anticipated to take place.
DATE_INVOICE_RECEIVED	Date invoice received	Payment time reference is date of invoice received.
DATE_OF_DELIVERY_TO_SITE	Date of delivery to site	Date the goods are delivered at agreed place of destination.
DATE_OF_INVOICE	Date of invoice	Payment time reference is date of invoice.
DATE_OF_SHIPMENT_AS_EVIDENCED_BY_TRANSPORT_DOCUMENTS	Date of shipment as evidenced by transport documents	Date of shipment as evidenced by the transport document(s).
EFFECTIVE_DATE	Effective date	The date on which an action or event becomes effective.
INVOICE_TRANSMISSION_DATE	Invoice transmission date	The date that the invoice is transmitted from the invoicing party.
PRIOR_TO_DATE_OF_DELIVERY	Prior to date of delivery	Any date before the date the goods are delivered at agreed place of destination.
RECEIPT_OF_GOODS	Receipt of goods	The date of the receipt of goods by recipient.

6.50. PerformanceMeasureTypeCode

GS1 Code List	PerformanceMeasureTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
FINISHED_GOODS_INVENTORY_COVER	Finished goods inventory cover	The amount of finished goods inventory at the stocking location (or locations) in terms of the estimated daily demand.
FORECAST_ACCURACY	Forecast accuracy	The mean absolute percent agreement of the forecast with the actual sales, receipt or shipment quantity, expressed in unit volume or monetary terms.
INVOICE_ACCURACY	Invoice accuracy	The percentage of seller invoices deemed accurate out of all invoices received
ITEM_DATA_SYNCHRONISATION	Item data synchronisation	The percentage of items (including applicable trade item hierarchy) published and sold from the seller that are synchronised by the buyer via the Global Data Synchronisation Network (GDSN).
ITEM_MASTER_DATA_ACCURACY	Item master data accuracy	The percentage of items with accurate physically measured dimensions and weight attributes (as provided by the seller) out of all items that were physically verified.
MARKDOWN	Markdown	The percentage of monetary sales that were sold at below the normal retail price (that can include but not exclusive to) seasonal clearance, discontinuation, employee discount, response to competitive activity or other retailer-initiated price reductions.
ON_TIME_DELIVERY	On time delivery	The percentage of shipments that arrived on the receiver's premises within the agreed date time out of all shipments that were delivered. The first scheduled appointment date time is the recommended agreed date time, and the complete agreed date time list is available in the parameter table.
ON_TIME_PAYMENT	On time payment	The percentage of payments made within a seller's terms of sale out of all payments received.
ORDER_ITEM_QUANTITY_CHANGE	Order item quantity change	The percentage of orders placed by the customer in the trading relationship that required changes in items or item quantities prior to release.
ORDER_TO_DELIVERY_CYCLE_TIME	Order to delivery cycle time	The average length of time between order placement (fax, phone, EDI) and the time product arrived and was available for unloading at the agreed customer location.
OUT_OF_STOCK	Out of stock	The percentage of items that is not available at their expected stocking locations out of the set of item stocking locations that were evaluated.
RETAIL_GROSS_PROFIT_MARGIN	Retail gross profit margin	The average percentage amount a Retailer will profit per item or group of items sold to a consumer after deducting operating expenses.
RETAIL_ITEM_GROSS_MARGIN	Retail item gross margin	The average percentage amount a Retailer will earn for an item sold to a consumer before deducting operating expenses

Code Value	Code Name	Code Definition
SALES_GROWTH	Sales growth	The percentage increase in monetary or unit sales compared to an equivalent time period one year prior to the period being measured
SERVICE_LEVEL_FILL_RATE	Service level fill rate	The percentage of product that a buyer received or the seller shipped compared to the original ordered quantity
SHARE	Share	The percentage of sales of a subset of items and / or locations in a broader market context, which can be defined in terms of a product category, class of trade or geography.
UNSALEABLES	Unsaleables	The percentage of products that were removed from the primary channel of distribution due to damage, expiration, discontinuation, seasonality, promotion completion or defects.

6.51. PeriodicityTypeCode

GS1 Code List	PeriodicityTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
DAY	Day	24-hour day
HOUR	Hour	A period of time equal to $1/24^{th}$ of a day
MONTH	Month	Calendar month
QUARTER	Quarter	3-month period
WEEK	Week	Seven day week
YEAR	Year	12-month period

6.52. PlanBucketSizeCode

GS1 Code List	PlanBucketSizeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
DAY	Day	Information requested in daily buckets.
MONTH	Month	Information requested in monthly buckets.
QUARTER	Quarter	Information requested in quarterly buckets.
UNSPECIFIED	Unspecified	Information may be provided in whatever time format that is available.
WEEK	Week	Information requested in weekly buckets.
YEAR	Year	Information requested in yearly buckets.

6.53. PlanCommitmentLevelCode

GS1 Code List	PlanCommitmentLevelCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
FLUID	Fluid	No commitment.
SLUSH	Slush	Some level of commitment that quantities will not radically change.
FROZEN	Frozen	Quantities per bucket are now fixed and should not change.

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6.54.   PrintingInstructionCode

GS1 Code List	PrintingInstructionCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
PRINT_ON_MANIFEST	Print on manifest	The provided text is to be printed on the manifest.
PRINT_ON_PACKING_LIST	Print on packing list	The provided text is to be printed on the packing list.
PRINT_ON_DELIVERY_NOTE	Print on delivery note	The provided text is to be printed on the delivery note.

6.55.   PurchaseConditionsCommitmentTypeCode

GS1 Code List	PurchaseConditionsCommitmentTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
DELIVERY	Delivery	Committed to be delivered.
PRODUCTION	Production	Committed to be produced.

6.56. QuantitySpecificationTypeCode

GS1 Code List	QuantitySpecificationTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
IN_TRANSIT	In transit	Quantity of goods in transit to recipient.
ON_HAND	On hand	Quantity of goods physically available
ON_HOLD	On hold	Quantity of goods not available for immediate release
PRODUCED	Produced	Quantity produced so far.
RECEIVED	Received	Quantity received so far.
TO_BE_DELIVERED	To be delivered	Quantity to be delivered.
TO_BE_DESPATCHED	To be despatched	Quantity to be despatched.
TO_BE_PRODUCED	To be produced	Quantity to be produced.

6.57. ReceivingConditionCode

GS1 Code List	ReceivingConditionCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
ACCEPTED_IN_FULL	Accepted in full	Not Available
DAMAGED_PRODUCT_OR_CONTAINER	Damaged product or container	Not Available
GOOD_CONDITION	Good condition	Not Available
HOLD	Hold	Not Available
INCORRECT_PRODUCT	Incorrect product	Not Available
MATERIAL_SCRAPPED	Material scrapped	Not Available
NON_STANDARD_CONTAINER	Non standard container	Not Available
NOT_RECEIVED_SERIAL_NUMBER_REQUIRED	Not received serial number required	Not Available
QUALITY_PROBLEM	Quality problem	Not Available
QUANTITY_OVER	Quantity over	Not Available
QUANTITY_OVER_RETURN_TO_SUPPLIER	Quantity over return to supplier	Not Available
QUANTITY_RECEIVED_CANNOT_PROCESS_BECAUSE_NO_MATCHING_SERIAL_NUMBER	Quantity received cannot process because no matching serial number	Not Available
QUANTITY_RECEIVED_PROCESSED_WITH_NO_MATCHING_SERIAL_NUMBER	Quantity received processed with no matching serial number	Not Available
QUANTITY_SHORT	Quantity short	Not Available
REJECTED	Rejected	Not Available
SUBSTITUTED_ITEM	Substituted item	Not Available

6.58. RemainingQuantityStatusCode

GS1 Code List	RemainingQuantityStatusCode
GS1 Code List Version	1 (September 2011)
Managing Agency	UN/ECE
Based on Code List	UN/EDIFACT 4221
Type Of Management	GS1 RESTRICTED

Code Value	Code Name	Code Definition
CM	Shipment Complete with additional quantity	The shipment is complete and includes an additional quantity
BP	Shipment partial – back order to follow	The shipment is incomplete, the missing quantities are to follow
CP	Shipment partial – considered complete, no backorder:	Shipment does not fulfil the complete order but should be considered complete. Unshipped items are not considered to be on backorder.

6.59.   ResponseStatusCode

GS1 Code List	ResponseStatusCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
ACCEPTED	Accepted	Not Available
MODIFIED	Modified	Not Available
REJECTED	Rejected	Not Available

6.60.　SalesMeasurementTypeCode

GS1 Code List	SalesMeasurementTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
MONETARY_BASIS	Monetary basis	Product value in monetary terms
VOLUME_BASIS	Volume basis	Product value in volume terms

6.61.   SealConditionCode

GS1 Code List	SealConditionCode
GS1 Code List Version	1 (September 2011)
Managing Agency	UN/ECE
Based on Code List	UN/EDIFACT 4517
Type Of Management	???

Code Value	Code Name	Code Definition
1	In right condition	In right condition
2	Damaged.	Damaged.
3	Missing.	Missing.
4	Broken.	Broken.
5	Faulty electronic seal.	Faulty electronic seal.

6.62. SealTypeCode

GS1 Code List	SealTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	UN/ECE
Based on Code List	UN/EDIFACT 4525
Type Of Management	???

Code Value	Code Name	Code Definition
1	Mechanical seal	Mechanical seal
2	Electronic seal	Electronic seal

6.63. ServiceLevelBasisTypeCode

GS1 Code List	ServiceLevelBasisTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
LINE	Line	The service level calculation is based upon the percentage of order lines across all orders that were filled 100%.
ORDER	Order	The service level calculation is based upon the percentage of orders that were filled 100%.
VOLUME	Volume	The service level calculation is based upon the percentage of units in the items base unit of measure that were filled vs. ordered.

6.64.   ServiceLevelMeasurementBasisTypeCode

GS1 Code List	ServiceLevelMeasurementBasisTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
RECEIVED_QUANTITY	Received quantity	The calculation is based on the quantity received.
SHIPPED_QUANTITY	Shipped quantity	The calculation is based on the quantity shipped.

6.65.   SettlementHandlingTypeCode

GS1 Code List	SettlementHandlingTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
PAYMENT_AND_REMITTANCE	Payment and remittance	Not Available
PAYMENT_ONLY	Payment only	Not Available
REMITTANCE_ONLY	Remittance only	Not Available

6.66. SettlementTypeCode

GS1 Code List	SettlementTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	UN/ECE
Based on Code List	UN/EDIFACT 4471
Type Of Management	

Code Value	Code Name	Code Definition
1	Bill Back	Refers to a charge or allowance for the buyer and the buyer will bill back the seller.
2	Off Invoice	The allowance or charge is being deducted from the invoice.
3	Vendor Check	An allowance will be given to a customer from the supplier in the form of a check.
4	Credit Customer Account	An allowance will be processed for the customer by giving a credit to their account.
5	Charge to be Paid by Vendor	A charge whose payment will be made by the vendor.
6	Charge to be Paid by Customer	A charge whose payment will be made by the customer.
1X	Item Accruals	Expenses related to an item for which invoices have not been received yet at the end of the current accounting period.
2X	Vendor Accruals	Expenses related to a vendor for which invoices have not been received yet at the end of the current accounting period.

6.67. StockRequirementTypeCode

S1 Code List	StockRequirementTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
MAXIMUM_STOCK	MAXIMUM STOCK	The amount able to store at a maximum at the storage location.
SAFETY_STOCK	SAFETY STOCK	The amount necessary to meet immediate customer demand (short term).

6.68.   StructureTypeCode

GS1 Code List	StructureTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
ITEM_BY_LOCATION	Item by location	The Item will be the header information followed with the applicable location(s) information.
LOCATION_BY_ITEM	Location by item	The location will be the header information followed with the applicable item(s) information.

6.69. SymbolComponentCode

GS1 Code List	SymbolComponentCode
GS1 Code List Version	1 (December 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
LINEAR_COMPONENT	Linear component	This term is used to refer to the linear symbol component within a composite symbol.
2D_COMPOSITE_COMPONENT	2D composite component	This term is used to refer to the 2D symbol component within a composite symbol.

6.70. SynchronisationCalculationTypeCode

GS1 Code List	SynchronisationCalculationTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
INCREMENTAL_ITEMS	Incremental items	The item synchronisation calculation is based upon the items added to the customer's catalogue.
TOTAL_ITEMS	Total items	The item synchronisation calculation is based upon the total number of items in the customer's catalogue.

6.71. TimePeriodScopeTypeCode

GS1 Code List	TimePeriodScopeTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
CALENDAR_MONTH	Calendar month	A calendar month
CALENDAR_QUARTER	Calendar quarter	A three-month calendar quarter
CALENDAR_YEAR	Calendar year	A calendar year
DATE_TIME	Date time	A specific moment in time
DAY	Day	An individual day
FISCAL_MONTH	Fiscal month	A month in terms of the sender's fiscal calendar
FISCAL_QUARTER	Fiscal quarter	A three-month quarter in terms of the sender's fiscal calendar
FISCAL_YEAR	Fiscal year	A year in terms of the sender's fiscal calendar
MONTH_TO_DATE	Month to date	The range of days from the start of the current calendar month to the specified date
NUMBER_OF_DAYS	Number of days	The number of days applicable for the time period.
QUARTER_TO_DATE	Quarter to date	The range of days from the start of the current calendar quarter to the specified date
ROLLING_12_WEEK_PERIOD	Rolling 12 week period	The 84-day period ending on the specified date
ROLLING_13_WEEK_PERIOD	Rolling 13 week period	The 91-day period ending on the specified date
ROLLING_4_WEEK_PERIOD	Rolling 4 week period	The 28-day period ending on the specified date
ROLLING_52_WEEK_PERIOD	Rolling 52 week period	The 364-day period ending on the specified date.
SPECIFIED_TIME_PERIOD	Specified time period	The time period specified by the start and end date.
WEEK	Week	A seven-day week
YEAR_TO_DATE	Year to date	The range of days from the start of the current calendar year to the specified date

6.72. TradeItemUnitDescriptorCode

GS1 Code List	TradeItemUnitDescriptorCode
GS1 Code List Version	1 (December 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code	Definition
BASE_UNIT_OR_EACH	The lowest level of the item hierarchy intended or □abelled for individual resale.
CASE	A standard trade item shipping unit that contains a single or multiple GTINs. Includes an ½ or ¼ pallet and an ½ or ¼ box pallet.
PACK_OR_INNER_PACK	A logistical unit between case and each. This may be a consumable innerpack (i.e. Carton of Cigarettes) or it may be simply a logistical pack (i.e. Dozens of toothbrushes).
PALLET	A unit load that contains a single or multiple GTINs Includes box pallet
TRANSPORT_LOAD	A logistical unit which, when ordered, can provide a standard quantity of trade items from any other hierarchy level. This level can be used to define truckloads, shipping containers, rail cars, ships, and etc. This level can contain a single GTIN or multiple GTINs

6.73. TransactionalReferenceTypeCode

GS1 Code List	TransactionalReferenceTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	UN/ECE
Based on Code List	UN/EDIFACT 1153
Type Of Management	GS1 RESTRICTED AND EXTENDED

Code Value	Code Name	Code Definition
AAB	Proforma invoice number	Proforma invoice number
AAC	Documentary credit number	Documentary credit number
AAF	Debit card number	Debit card number
AAG	Offer or quotation number	Offer or quotation number
AAJ	Delivery order number	Delivery order number
AAK	Despatch advice number	Despatch advice number
AAL	Drawing number	Drawing number
AAM	Waybill number	Waybill number
AAN	Delivery schedule number	Delivery schedule number

Code Value	Code Name	Code Definition
AAO	Consignee's shipment reference number	Consignee's shipment reference number
AAQ	Unit load device (e.g. container) identification number	Unit load device (e.g. container) identification number
AAS	Transport document number	Transport document number
AAT	Master label number	Master label number
AAU	Despatch note number	Despatch note number
ABE	Declarant's reference number	Declarant's reference number
ABO	Originator's reference	Originator's reference
ABP	Declarant's Customs identity number	Declarant's Customs identity number
ABQ	Importer reference number	Importer reference number
ABT	Customs declaration number	Customs declaration number
ACD	Additional reference number	Additional reference number
ACE	Related document number	Related document number
ACK	Bank reference	Bank reference
ACL	Principal reference number	Principal reference number
ACW	Reference number to previous message	Reference number to previous message
ACX	Banker's acceptance	Banker's acceptance
ADB	Matured certificate of deposit	Matured certificate of deposit
ADC	Loan	Loan
ADD	Analysis number/test number	Analysis number/test number
ADE	Account number	Account number
AE	Authorization for expense (AFE) number	Authorization for expense (AFE) number
AEK	Payment order number	Payment order number
AER	Project specification number	Project specification number
AES	Primary reference	Primary reference
AFO	Beneficiary's reference	Beneficiary's reference
AFS	Beneficiary's bank reference	Beneficiary's bank reference
AGA	Agreement to pay number	Agreement to pay number
AGB	Contract party reference number	Contract party reference number
AGG	Dispute number	Dispute number
AGT	Service group identification number	Service group identification number
AGW	Scheme/plan number	Scheme/plan number
AHJ	Payee's reference number	Payee's reference number
AHL	Creditor's reference number	Creditor's reference number
AHM	Debtor's reference number	Debtor's reference number
AHU	Request for quote number	Request for quote number
AID	Certificate of conformity	Certificate of conformity

Code Value	Code Name	Code Definition
AIJ	Customer's individual transaction reference number	Customer's individual transaction reference number
AIK	Bank's individual transaction reference number	Bank's individual transaction reference number
AIZ	Consolidated invoice number	Consolidated invoice number
AJS	Agreement number	Agreement number
AJT	Standard Industry Classification (SIC) number	Standard Industry Classification (SIC) number
AKJ	Direct debit reference	Direct debit reference
AKM	Replenishment purchase order range start number	Replenishment purchase order range start number
AKO	Action authorization number	Action authorization number
ALK	Consignee's invoice number	Consignee's invoice number
ALL	Message batch number	Message batch number
ALM	Previous delivery schedule number	Previous delivery schedule number
ALN	Physical inventory recount reference number	Physical inventory recount reference number
ALO	Receiving advice number	Receiving advice number
ALP	Returnable container reference number	Returnable container reference number
ALQ	Returns notice number	Returns notice number
ALR	Sales forecast number	Sales forecast number
ALS	Sales report number	Sales report number
ALT	Previous tax control number	Previous tax control number
ALV	Registered capital reference	Registered capital reference
AML	Replenishment purchase order range end number	Replenishment purchase order range end number
AMT	Goods and Services Tax identification number	Goods and Services Tax identification number
ANJ	Authorization number	Authorization number
ANL	Deposit reference number	Deposit reference number
ANX	Clearing reference	Clearing reference
ANZ	Direct debit reference	Direct debit reference
AOA	Documentary payment reference	Documentary payment reference
AP	Accounts receivable number	Accounts receivable number
APF	Price/sales catalogue response reference number	Price/sales catalogue response reference number
APH	Invoicing data sheet reference number	Invoicing data sheet reference number
API	Inventory report reference number	Inventory report reference number
APQ	Commercial account summary reference number	Commercial account summary reference number
AQQ	Activite Principale Exercee (APE) identifier	Activite Principale Exercee (APE) identifier
AQS	Nomenclature Activity Classification Economy (NACE) identifier	Nomenclature Activity Classification Economy (NACE) identifier

Code Value	Code Name	Code Definition
ARZ	Stock adjustment number	Stock adjustment number
ASE	Duty free products security number	Duty free products security number
ASF	Duty free products receipt authorisation number	Duty free products receipt authorisation number
ASG	Party information message reference	Party information message reference
ASI	Proof of delivery reference number	Proof of delivery reference number
ASJ	Supplier's credit claim reference number	Supplier's credit claim reference number
ASK	Picture of actual product	Picture of actual product
ASL	Picture of a generic product	Picture of a generic product
ASO	Password	Password
ASV	Product data file number	Product data file number
AUD	Collection reference	Collection reference
AUG	Importer's letter of credit reference	Importer's letter of credit reference
AUJ	Proposed purchase order reference number	Proposed purchase order reference number
AUK	Application for financial support reference number	Application for financial support reference number
AUL	Manufacturing quality agreement number	Manufacturing quality agreement number
AUQ	Customs binding ruling number	Customs binding ruling number
AUR	Customs non-binding ruling number	Customs non-binding ruling number
AUY	International Standard Industrial Classification (ISIC) code	International Standard Industrial Classification (ISIC) code
AUZ	Customs pre-approval ruling number	Customs pre-approval ruling number
AWB	Air waybill number	Air waybill number
BC	Buyer's contract number	Buyer's contract number
BFN	Buyer's fund number (GS1 Code – book)	Buyer's fund number (GS1 Code – book)
BM	Bill of lading number	Bill of lading number
BN	Booking reference number	Booking reference number
BO	Blanket order number	Blanket order number
BT	Batch number/lot number	Batch number/lot number
CAN	Company trading account number (GS1 Code)	Company trading account number (GS1 Code)
CD	Credit note number	Credit note number
CH	Customer catalogue number	Customer catalogue number
CK	Cheque number	Cheque number
CMR	Road consignment note number	Road consignment note number
CN	Carrier's reference number	Carrier's reference number
CNE	Consolidated reference number (GS1 Code)	Consolidated reference number (GS1 Code)
CO	Buyers order number	Buyers order number
COF	Call off order number	Call off order number

Code Value	Code Name	Code Definition
CR	Customer reference number	Customer reference number
CT	Contract number	Contract number
CU	Consignor's reference number	Consignor's reference number
CZ	Cooperation contract number	Cooperation contract number
DDC	Direct debit contract reference (SWIFT Code)	Direct debit contract reference (SWIFT Code)
DL	Debit note number	Debit note number
DM	Document number	Document number
DQ	Delivery note number	Delivery note number
ECN	External consolidation reference number (GS1 Code)	External consolidation reference number (GS1 Code)
ERC	External recap reference number (GS1 Code)	External recap reference number (GS1 Code)
EX	Export licence number	Export licence number
FC	Fiscal number	Fiscal number
FF	Freight forwarder's reference number	Freight forwarder's reference number
FI	File line identifier	File line identifier
FV	File version number	File version number
FX	Foreign exchange contract number	Foreign exchange contract number
GC	Government contract number	Government contract number
GN	Government reference number	Government reference number
GNM	General message number (GS1 Code)	General message number (GS1 Code)
GRN	Goods reserve number (GS1 Code)	Goods reserve number (GS1 Code)
HN	Handling and movement reference number (GS1 Code)	Handling and movement reference number (GS1 Code)
HS	Harmonised system number	Harmonised system number
HWB	House waybill number	House waybill number
IA	Internal vendor number	Internal vendor number
IDR	Instruction to despatch reference number (GS1 Code)	Instruction to despatch reference number (GS1 Code)
IP	Import licence number	Import licence number
IRN	Instruction for returns number (GS1 Code)	Instruction for returns number (GS1 Code)
IT	Internal customer number	Internal customer number
IV	Invoice number	Invoice number
LC	Letter of credit number	Letter of credit number
Li	Line item reference number	Line item reference number
MB	Master bill of lading number	Master bill of lading number
MF	Manufacturer's part number	Manufacturer's part number
MG	Meter unit number	Meter unit number
MH	Manufacturing order number	Manufacturing order number

Code Value	Code Name	Code Definition
MR	Message recipient	Message recipient
MS	Message sender	Message sender
MSC	Metered services consumption report (GS1 Code)	Metered services consumption report (GS1 Code)
MSS	Manufacturer's material safety data sheet number	Manufacturer's material safety data sheet number
MWB	Master air waybill number	Master air waybill number
ON	Order number (buyer)	Order number (buyer)
OSE	Order status enquiry (GS1 Code)	Order status enquiry (GS1 Code)
PB	Payer's financial institution account number	Payer's financial institution account number
PD	Promotion deal number	Promotion deal number
PFB	Firm booking reference number (GS1 Code)	Firm booking reference number (GS1 Code)
PIE	Product inquiry number (GS1 Code)	Product inquiry number (GS1 Code)
PK	Packing list number	Packing list number
PL	Price list number	Price list number
POR	Purchase order response number	Purchase order response number
PP	Purchase order change number	Purchase order change number
PQ	Payment reference	Payment reference
PR	Price quote number	Price quote number
PW	Prior purchase order number	Prior purchase order number
PY	Payee's financial institution account number	Payee's financial institution account number
RA	Remittance advice number	Remittance advice number
RCE	Recap number (GS1 Code)	Recap number (GS1 Code)
RCN	Railway consignment note number	Railway consignment note number
RF	Export reference number	Export reference number
SB	Sales region number	Sales region number
SD	Sales department number	Sales department number
SDR	Split delivery reference number (GS1 Code)	Split delivery reference number (GS1 Code)
SE	Serial number	Serial number
SN	Seal number	Seal number
SNR	Service relation number (GS1 Code)	Service relation number (GS1 Code)
SRN	Shipment reference number	Shipment reference number
SS	Seller's reference number	Seller's reference number
SSC	Serial shipping container code (GS1 Code)	Serial shipping container code (GS1 Code)
SZ	Specification number	Specification number
TL	Tax exemption licence number	Tax exemption licence number
TP	Test report number	Test report number

Code Value	Code Name	Code Definition
TRB	Tribunal place registration number (GS1 Code)	Tribunal place registration number (GS1 Code)
TRI	Transport instruction number (GS1 Code)	Transport instruction number (GS1 Code)
TS	Test specification number (GS1 Code)	Test specification number (GS1 Code)
TSE	Transport status number (GS1 Code)	Transport status number (GS1 Code)
UC	Ultimate customer's reference number	Ultimate customer's reference number
UCN	Unique consignment reference number	Unique consignment reference number
VA	VAT registration number	VAT registration number
VN	Order number (supplier)	Order number (supplier)
XA	Company/place registration number	Company/place registration number
XA4	Account servicing bank reference (SWIFT Code)	Account servicing bank reference (SWIFT Code)
XA5	Customer to customer reference number (SWIFT Code)	Customer to customer reference number (SWIFT Code)
XA6	Third party reference number (SWIFT Code)	Third party reference number (SWIFT Code)
XA8	Credit card number (SWIFT Code)	Credit card number (SWIFT Code)
XB1	Clearing number (SWIFT Code)	Clearing number (SWIFT Code)
XB5	Tooling contract number (GS1 Code)	Tooling contract number (GS1 Code)
XB6	Formula number (GS1 Code)	Formula number (GS1 Code)
XB7	Pre-agreement number (GS1 Code)	Pre-agreement number (GS1 Code)
XB9	Customs purchase for re-export agreement number (GS1 Code)	Customs purchase for re-export agreement number (GS1 Code)
XC1	Product certification number (GS1 Code)	Product certification number (GS1 Code)
XC3	Consignment contract number (GS1 Code)	Consignment contract number (GS1 Code)
XC5	Veterinary licence number allocated by a national authority to a slaughterhouse.	Veterinary licence number allocated by a national authority to a slaughterhouse.
YA1	Product specification reference number (GS1 Code)	Product specification reference number (GS1 Code)
YA3	Numbering per year (GS1 Code)	Numbering per year (GS1 Code)
YA6	Bank statement number (SWIFT Code)	Bank statement number (SWIFT Code)
YA9	Payroll deduction advice reference (GS1 Code)	Payroll deduction advice reference (GS1 Code)
YB4	Order shipment grouping reference (GS1 Code)	Order shipment grouping reference (GS1 Code)
YB7	Product directory (GS1 Code)	Product directory (GS1 Code)
YB8	Debit Letter (GS1 Code)	Debit Letter (GS1 Code)
YB9	Inventory report request number (GS1 Code)	Inventory report request number (GS1 Code)
YC1	Additional party identification (GS1 Code)	Additional party identification (GS1 Code)
YC3	Farm approval number (GS1 Code)	Farm approval number (GS1 Code)
YC4	Cutting plant approval number (GS1 Code)	Cutting plant approval number (GS1 Code)

Code Value	Code Name	Code Definition
YC5	Slaughterhouse approval number (GS1 Code)	Slaughterhouse approval number (GS1 Code)
YC6	Packing Plant Approval number (GS1 Code)	Packing Plant Approval number (GS1 Code)

6.74. TransportInstructionStatusReasonCode

GS1 Code List	TransportInstructionStatusReasonCode
GS1 Code List Version	n/a
Managing Agency	UN/ECE
Based on Code List	UN/ECE Recommendation 24
Type Of Management	FULLY ADOPTED

6.75. TransportMeansTypeCode

GS1 Code List	TransportMeansTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	UN/ECE
Based on Code List	???
Type Of Management	GS1 RESTRICTED AND EXTENDED

Code Value	Code Name	Code Definition
1	Barge chemical tanker	Barge chemical tanker
9	Exceptional transport	Exceptional transport
12	Ship tanker	Ship tanker
13	Ocean vessel	Ocean vessel
19	Tip-up truck	Tip-up truck
20	Furniture truck	Furniture truck
21	Rail tanker	Rail tanker
22	Rail silo tanker	Rail silo tanker
23	Rail bulk car	Rail bulk car
25	Rail express	Rail express
26	Tip-up articulated truck	Tip-up articulated truck
28	Refrigerated truck and trailer	Refrigerated truck and trailer
29	Freezer truck and trailer	Freezer truck and trailer
30	Tautliner 25 tonne, combined with 90 cubic meter trailer with removable roof	Tautliner 25 tonne, combined with 90 cubic meter trailer with removable roof
31	Truck	Truck
32	Road tanker	Road tanker
33	Road silo tanker	Road silo tanker
35	Truck/trailer with tilt	Truck/trailer with tilt
40	Truck with opening floor	Truck with opening floor
41	Freezer truck	Freezer truck
42	Isothermic truck	Isothermic truck
43	Refrigerated truck	Refrigerated truck
44	Freezer van	Freezer van
45	Isothermic van	Isothermic van
46	Refrigerated van	Refrigerated van
47	Bulk truck	Bulk truck
48	Van	Van
73	Train with more than one and less than 20 wagons	Train with more than one and less than 20 wagons

Code Value	Code Name	Code Definition
74	Train with 20 or more wagons	Train with 20 or more wagons
77	Freezer truck and isothermic trailer	Freezer truck and isothermic trailer
78	Isothermic truck and isothermic trailer	Isothermic truck and isothermic trailer
79	Refrigerated truck and isothermic trailer	Refrigerated truck and isothermic trailer
80	Freezer truck and refrigerated trailer	Freezer truck and refrigerated trailer
81	Isothermic truck and refrigerated trailer	Isothermic truck and refrigerated trailer
82	Rigid truck with tank and tank trailer	Rigid truck with tank and tank trailer
83	Bulk truck and tank trailer	Bulk truck and tank trailer
84	Rigid truck with tank and bulk trailer	Rigid truck with tank and bulk trailer
85	Bulk truck and bulk trailer	Bulk truck and bulk trailer
86	Tautliner truck and extendable trailer	Tautliner truck and extendable trailer
87	Tautliner truck with removable roof and extendable trailer	Tautliner truck with removable roof and extendable trailer
88	Truck with opening floor and extendable trailer	Truck with opening floor and extendable trailer
89	Bulk truck and extendable trailer	Bulk truck and extendable trailer
90	Isothermic truck and freezer trailer	Isothermic truck and freezer trailer
91	Refrigerated truck and freezer trailer	Refrigerated truck and freezer trailer
92	Tip-up truck and gondola trailer	Tip-up truck and gondola trailer
93	Tautliner truck and gondola trailer	Tautliner truck and gondola trailer
94	Tautliner truck with removable roof and gondola trailer	Tautliner truck with removable roof and gondola trailer
95	Truck with opening floor and gondola trailer	Truck with opening floor and gondola trailer
96	Bulk truck and gondola trailer	Bulk truck and gondola trailer
97	Tip-up truck and extendable gondola trailer	Tip-up truck and extendable gondola trailer
98	Tautliner truck and extendable gondola trailer	Tautliner truck and extendable gondola trailer
99	Tautliner truck with removable roof and extendable gondola trailer	Tautliner truck with removable roof and extendable gondola trailer
100	Truck with opening floor and extendable gondola trailer	Truck with opening floor and extendable gondola trailer
101	Bulk truck and extendable gondola trailer	Bulk truck and extendable gondola trailer
102	Tip-up truck and trailer with opening floor	Tip-up truck and trailer with opening floor
103	Tautliner truck and trailer with opening floor	Tautliner truck and trailer with opening floor
104	Tautliner truck with removable roof and trailer with opening floor	Tautliner truck with removable roof and trailer with opening floor
106	Bulk truck and trailer with opening floor	Bulk truck and trailer with opening floor
10E	Tautliner 25t (GS1 Code)	Tautliner 25t (GS1 Code)
11E	Tautliner 25t with removable roof (GS1 Code)	Tautliner 25t with removable roof (GS1 Code)
12E	Articulated flat lorry 25t (GS1 Code)	Articulated flat lorry 25t (GS1 Code)

Code Value	Code Name	Code Definition
13E	Articulated flat lorry 24t with crane 10m (GS1 Code)	Articulated flat lorry 24t with crane 10m (GS1 Code)
14E	Articulated flat lorry 24t with crane 15m (GS1 Code)	Articulated flat lorry 24t with crane 15m (GS1 Code)
15E	Articulated flat lorry 24t with crane 18m (GS1 Code)	Articulated flat lorry 24t with crane 18m (GS1 Code)
16E	Articulated flat lorry 10t (GS1 Code)	Articulated flat lorry 10t (GS1 Code)
17E	Tautliner 25t with trailer 90m3 (GS1 Code)	Tautliner 25t with trailer 90m3 (GS1 Code)
18E	Tautliner 25t with trailer 120m3 (GS1 Code)	Tautliner 25t with trailer 120m3 (GS1 Code)
19E	Flat lorry with trailer and crane 10m (GS1 Code)	Flat lorry with trailer and crane 10m (GS1 Code)
20E	Articulated lorry with tank (GS1 Code)	Articulated lorry with tank (GS1 Code)
21E	Flat lorry 15t (GS1 Code)	Flat lorry 15t (GS1 Code)
22E	Flat lorry 25t with crane (GS1 Code)	Flat lorry 25t with crane (GS1 Code)
27E	Isothermic trailer (GS1 Code)	Isothermic trailer (GS1 Code)
28E	Refrigerated trailer (GS1 Code)	Refrigerated trailer (GS1 Code)
32E	Trailer (GS1 Code)	Trailer (GS1 Code)
33E	Tank trailer (GS1 Code)	Tank trailer (GS1 Code)
34E	Bulk trailer (GS1 Code)	Bulk trailer (GS1 Code)
37E	Extendable trailer (GS1 Code)	Extendable trailer (GS1 Code)
38E	Dolly trailer (GS1 Code)	Dolly trailer (GS1 Code)
39E	Freezer trailer (GS1 Code)	Freezer trailer (GS1 Code)
41E	Furniture removal trailer (GS1 Code)	Furniture removal trailer (GS1 Code)
44E	Gondola trailer (GS1 Code)	Gondola trailer (GS1 Code)
45E	Extendable gondola trailer (GS1 Code)	Extendable gondola trailer (GS1 Code)
46E	Rigid lorry with tank (GS1 Code)	Rigid lorry with tank (GS1 Code)
50E	Tautliner rigid truck (GS1 Code)	Tautliner rigid truck (GS1 Code)
51E	Tautliner rigid truck with removable roof (GS1 Code)	Tautliner rigid truck with removable roof (GS1 Code)
53E	Trailer with opening floor (GS1 Code)	Trailer with opening floor (GS1 Code)
54E	Train with convergent set of wagons (GS1 Code)	Train with convergent set of wagons (GS1 Code)
55E	Train with divergent set of wagons (GS1 Code)	Train with divergent set of wagons (GS1 Code)
56E	Combination of a truck (length 6 m) and a trailer (length 8 m) (GS1 Code)	Combination of a truck (length 6 m) and a trailer (length 8 m) (GS1 Code)
57E	Combination of a truck (length 6 m) and a trailer (length 9 m) (GS1 Code)	Combination of a truck (length 6 m) and a trailer (length 9 m) (GS1 Code)
58E	Combination of a truck and trailer with a length of 13.6m, a tonnage between 23 and 25 tons (GS1 Code)	Combination of a truck and trailer with a length of 13.6m, a tonnage between 23 and 25 tons (GS1 Code)
59E	Rail wagon (GS1 Code)	Rail wagon (GS1 Code)
77E	Furniture truck and trailer (GS1 Code)	Furniture truck and trailer (GS1 Code)

Code Value	Code Name	Code Definition
78E	Tautliner truck and furniture trailer (GS1 Code)	Tautliner truck and furniture trailer (GS1 Code)
79E	Tautliner truck with removable roof and furniture trailer (GS1 Code)	Tautliner truck with removable roof and furniture trailer (GS1 Code)
93E	Truck and trailer with opening floor (GS1 Code)	Truck and trailer with opening floor (GS1 Code)
95E	Tautliner truck and dolly trailer (GS1 Code)	Tautliner truck and dolly trailer (GS1 Code)
96E	A tautliner truck with removable roof and a dolly trailer (GS1 Code)	A tautliner truck with removable roof and a dolly trailer (GS1 Code)
97E	Truck with trailer (GS1 Code)	Truck with trailer (GS1 Code)
98E	Truck with crane for moving goods without trailer (GS1 Code)	Truck with crane for moving goods without trailer (GS1 Code)
99E	Truck with crane for moving goods with trailer (GS1 Code)	Truck with crane for moving goods with trailer (GS1 Code)
X01	Truck with crane for lifting goods without trailer (GS1 Code)	Truck with crane for lifting goods without trailer (GS1 Code)
X02	Truck with crane for lifting goods with trailer (GS1 Code)	Truck with crane for lifting goods with trailer (GS1 Code)
X15	Armoured Car (GS1 Code)	Armoured Car (GS1 Code)
X3	Truck up to 3,5 tons (GS1 Code)	Truck up to 3,5 tons (GS1 Code)
X4	Miscellaneous transport means (GS1 Code)	Miscellaneous transport means (GS1 Code)

6.76. TransportModeCode

GS1 Code List	TransportModeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	UN/ECE
Based on Code List	UN/EDIFACT 8067
Type Of Management	GS1 EXTENDED

Code Value	Code Name	Code Definition
00	This code should be avoided.	This code should be avoided.
10	Maritime transport	Maritime transport
20	Rail transport	Rail transport
30	Road transport	Road transport
40	Air transport	Air transport
50	Mail	Mail
60	Multimodal transport	Multimodal transport
70	Fixed transport installations	Fixed transport installations
80	Inland water transport	Inland water transport
100	Courier service (GS1 Code)	Courier service (GS1 Code)

6.77. TransportPartyRoleCode

GS1 Code List	TransportPartyRoleCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
CARRIER	Carrier	A company, which physically transports goods from one place to another.
CONSIGNOR	Consignor	Party requesting the shipment of the freight/goods. Party responsible for origination of Motor Carrier Bill of Lading.
CONSIGNEE	Consignee	The person, business, or organisation who is usually the buyer of commodities.
SHIPPER	Shipper	A party who engages in shipping goods.
RECEIVER	Receiver	A party who engages in receiving goods

6.78.   TransportPaymentMethodCode

GS1 Code List	TransportPaymentMethodCode
GS1 Code List Version	1 (September 2011)
Managing Agency	UN/ECE
Based on Code List	UN/EDIFACT 4215
Type Of Management	GS1 Restricted / Extended

Code Value	Code Name	Code Definition
AA	Cash on delivery service charge paid by consignor	Cash on delivery service charge paid by consignor
AB	Cash on delivery service charge paid by consignee	Cash on delivery service charge paid by consignee
AC	Insurance costs paid by consignor	Insurance costs paid by consignor
AD	Insurance costs paid by consignee	Insurance costs paid by consignee
CA	Advance collect	Advance collect
CC	Collect	Collect
CF	Collect, freight credited to payment customer	Collect, freight credited to payment customer
DF	Defined by buyer and supplier	Defined by buyer and supplier
MX	Mixed	Mixed
NC	Service freight, no charge	Service freight, no charge
PC	Prepaid but charged to customer	Prepaid but charged to customer
PO	Prepaid only	Prepaid only
PP	Prepaid (by seller)	Prepaid (by seller)
PU	Pickup	Pickup
RC	Return container freight paid by customer	Return container freight paid by customer
RF	Return container freight free	Return container freight free
RS	Return container freight paid by supplier	Return container freight paid by supplier
TP	Third party pay	Third party pay
WD	Paid by supplier	Paid by supplier
WE	Paid by buyer	Paid by buyer

6.79.　TransportReferenceTypeCode

GS1 Code List	TransportReferenceTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	UN/ECE
Based on Code List	UN/EDIFACT 1153
Type Of Management	GS1 RESTRICTED AND EXTENDED

Code Value	Code Name	Code Definition
AAB	Proforma invoice number	Proforma invoice number
AAC	Documentary credit number	Documentary credit number
AAF	Debit card number	Debit card number
AAG	Offer or quotation number	Offer or quotation number
AAJ	Delivery order number	Delivery order number
AAK	Despatch advice number	Despatch advice number
AAL	Drawing number	Drawing number
AAM	Waybill number	Waybill number
AAN	Delivery schedule number	Delivery schedule number
AAO	Consignee's shipment reference number	Consignee's shipment reference number
AAQ	Unit load device (e.g. container) identification number	Unit load device (e.g. container) identification number
AAS	Transport document number	Transport document number
AAT	Master label number	Master label number
AAU	Despatch note number	Despatch note number
ABE	Declarant's reference number	Declarant's reference number
ABO	Originator's reference	Originator's reference
ABP	Declarant's Customs identity number	Declarant's Customs identity number
ABQ	Importer reference number	Importer reference number
ABT	Customs declaration number	Customs declaration number
ACD	Additional reference number	Additional reference number
ACE	Related document number	Related document number
ACK	Bank reference	Bank reference
ACL	Principal reference number	Principal reference number
ACW	Reference number to previous message	Reference number to previous message
ACX	Banker's acceptance	Banker's acceptance
ADB	Matured certificate of deposit	Matured certificate of deposit
ADC	Loan	Loan
ADD	Analysis number/test number	Analysis number/test number

Code Value	Code Name	Code Definition
ADE	Account number	Account number
AE	Authorization for expense (AFE) number	Authorization for expense (AFE) number
AEK	Payment order number	Payment order number
AER	Project specification number	Project specification number
AES	Primary reference	Primary reference
AFO	Beneficiary's reference	Beneficiary's reference
AFS	Beneficiary's bank reference	Beneficiary's bank reference
AGA	Agreement to pay number	Agreement to pay number
AGB	Contract party reference number	Contract party reference number
AGG	Dispute number	Dispute number
AGT	Service group identification number	Service group identification number
AGW	Scheme/plan number	Scheme/plan number
AHJ	Payee's reference number	Payee's reference number
AHL	Creditor's reference number	Creditor's reference number
AHM	Debtor's reference number	Debtor's reference number
AHU	Request for quote number	Request for quote number
AID	Certificate of conformity	Certificate of conformity
AIJ	Customer's individual transaction reference number	Customer's individual transaction reference number
AIK	Bank's individual transaction reference number	Bank's individual transaction reference number
AIZ	Consolidated invoice number	Consolidated invoice number
AJS	Agreement number	Agreement number
AJT	Standard Industry Classification (SIC) number	Standard Industry Classification (SIC) number
AKJ	Direct debit reference	Direct debit reference
AKM	Replenishment purchase order range start number	Replenishment purchase order range start number
AKO	Action authorization number	Action authorization number
ALK	Consignee's invoice number	Consignee's invoice number
ALL	Message batch number	Message batch number
ALM	Previous delivery schedule number	Previous delivery schedule number
ALN	Physical inventory recount reference number	Physical inventory recount reference number
ALO	Receiving advice number	Receiving advice number
ALP	Returnable container reference number	Returnable container reference number
ALQ	Returns notice number	Returns notice number
ALR	Sales forecast number	Sales forecast number
ALS	Sales report number	Sales report number
ALT	Previous tax control number	Previous tax control number

Code Value	Code Name	Code Definition
ALV	Registered capital reference	Registered capital reference
AML	Replenishment purchase order range end number	Replenishment purchase order range end number
AMT	Goods and Services Tax identification number	Goods and Services Tax identification number
ANJ	Authorization number	Authorization number
ANL	Deposit reference number	Deposit reference number
ANX	Clearing reference	Clearing reference
ANZ	Direct debit reference	Direct debit reference
AOA	Documentary payment reference	Documentary payment reference
AP	Accounts receivable number	Accounts receivable number
APF	Price/sales catalogue response reference number	Price/sales catalogue response reference number
APH	Invoicing data sheet reference number	Invoicing data sheet reference number
API	Inventory report reference number	Inventory report reference number
APQ	Commercial account summary reference number	Commercial account summary reference number
AQQ	Activite Principale Exercee (APE) identifier	Activite Principale Exercee (APE) identifier
AQS	Nomenclature Activity Classification Economy (NACE) identifier	Nomenclature Activity Classification Economy (NACE) identifier
ARZ	Stock adjustment number	Stock adjustment number
ASE	Duty free products security number	Duty free products security number
ASF	Duty free products receipt authorisation number	Duty free products receipt authorisation number
ASG	Party information message reference	Party information message reference
ASI	Proof of delivery reference number	Proof of delivery reference number
ASJ	Supplier's credit claim reference number	Supplier's credit claim reference number
ASK	Picture of actual product	Picture of actual product
ASL	Picture of a generic product	Picture of a generic product
ASO	Password	Password
ASV	Product data file number	Product data file number
AUD	Collection reference	Collection reference
AUG	Importer's letter of credit reference	Importer's letter of credit reference
AUJ	Proposed purchase order reference number	Proposed purchase order reference number
AUK	Application for financial support reference number	Application for financial support reference number
AUL	Manufacturing quality agreement number	Manufacturing quality agreement number
AUQ	Customs binding ruling number	Customs binding ruling number
AUR	Customs non-binding ruling number	Customs non-binding ruling number
AUY	International Standard Industrial Classification (ISIC) code	International Standard Industrial Classification (ISIC) code

Code Value	Code Name	Code Definition
AUZ	Customs pre-approval ruling number	Customs pre-approval ruling number
AWB	Air waybill number	Air waybill number
BC	Buyer's contract number	Buyer's contract number
BFN	Buyer's fund number (GS1 Code – book)	Buyer's fund number (GS1 Code – book)
BM	Bill of lading number	Bill of lading number
BN	Booking reference number	Booking reference number
BO	Blanket order number	Blanket order number
BT	Batch number/lot number	Batch number/lot number
CAN	Company trading account number (GS1 Code)	Company trading account number (GS1 Code)
CD	Credit note number	Credit note number
CH	Customer catalogue number	Customer catalogue number
CK	Cheque number	Cheque number
CMR	Road consignment note number	Road consignment note number
CN	Carrier's reference number	Carrier's reference number
CNE	Consolidated reference number (GS1 Code)	Consolidated reference number (GS1 Code)
CO	Buyers order number	Buyers order number
COF	Call off order number	Call off order number
CR	Customer reference number	Customer reference number
CT	Contract number	Contract number
CU	Consignor's reference number	Consignor's reference number
CZ	Cooperation contract number	Cooperation contract number
DDC	Direct debit contract reference (SWIFT Code)	Direct debit contract reference (SWIFT Code)
DL	Debit note number	Debit note number
DM	Document number	Document number
DQ	Delivery note number	Delivery note number
ECN	External consolidation reference number (GS1 Code)	External consolidation reference number (GS1 Code)
ERC	External recap reference number (GS1 Code)	External recap reference number (GS1 Code)
EX	Export licence number	Export licence number
FC	Fiscal number	Fiscal number
FF	Freight forwarder's reference number	Freight forwarder's reference number
FI	File line identifier	File line identifier
FV	File version number	File version number
FX	Foreign exchange contract number	Foreign exchange contract number
GC	Government contract number	Government contract number
GN	Government reference number	Government reference number
GNM	General message number (GS1 Code)	General message number (GS1 Code)

Code Value	Code Name	Code Definition
GRN	Goods reserve number (GS1 Code)	Goods reserve number (GS1 Code)
HN	Handling and movement reference number (GS1 Code)	Handling and movement reference number (GS1 Code)
HS	Harmonised system number	Harmonised system number
HWB	House waybill number	House waybill number
IA	Internal vendor number	Internal vendor number
IDR	Instruction to despatch reference number (GS1 Code)	Instruction to despatch reference number (GS1 Code)
IP	Import licence number	Import licence number
IRN	Instruction for returns number (GS1 Code)	Instruction for returns number (GS1 Code)
IT	Internal customer number	Internal customer number
IV	Invoice number	Invoice number
LC	Letter of credit number	Letter of credit number
Li	Line item reference number	Line item reference number
MB	Master bill of lading number	Master bill of lading number
MF	Manufacturer's part number	Manufacturer's part number
MG	Meter unit number	Meter unit number
MH	Manufacturing order number	Manufacturing order number
MR	Message recipient	Message recipient
MS	Message sender	Message sender
MSC	Metered services consumption report (GS1 Code)	Metered services consumption report (GS1 Code)
MSS	Manufacturer's material safety data sheet number	Manufacturer's material safety data sheet number
MWB	Master air waybill number	Master air waybill number
ON	Order number (buyer)	Order number (buyer)
OSE	Order status enquiry (GS1 Code)	Order status enquiry (GS1 Code)
PB	Payer's financial institution account number	Payer's financial institution account number
PD	Promotion deal number	Promotion deal number
PFB	Firm booking reference number (GS1 Code)	Firm booking reference number (GS1 Code)
PIE	Product inquiry number (GS1 Code)	Product inquiry number (GS1 Code)
PK	Packing list number	Packing list number
PL	Price list number	Price list number
POR	Purchase order response number	Purchase order response number
PP	Purchase order change number	Purchase order change number
PQ	Payment reference	Payment reference
PR	Price quote number	Price quote number
PW	Prior purchase order number	Prior purchase order number

Code Value	Code Name	Code Definition
PY	Payee's financial institution account number	Payee's financial institution account number
RA	Remittance advice number	Remittance advice number
RCE	Recap number (GS1 Code)	Recap number (GS1 Code)
RCN	Railway consignment note number	Railway consignment note number
RF	Export reference number	Export reference number
SB	Sales region number	Sales region number
SD	Sales department number	Sales department number
SDR	Split delivery reference number (GS1 Code)	Split delivery reference number (GS1 Code)
SE	Serial number	Serial number
SN	Seal number	Seal number
SNR	Service relation number (GS1 Code)	Service relation number (GS1 Code)
SRN	Shipment reference number	Shipment reference number
SS	Seller's reference number	Seller's reference number
SSC	Serial shipping container code (GS1 Code)	Serial shipping container code (GS1 Code)
SZ	Specification number	Specification number
TL	Tax exemption licence number	Tax exemption licence number
TP	Test report number	Test report number
TRB	Tribunal place registration number (GS1 Code)	Tribunal place registration number (GS1 Code)
TRI	Transport instruction number (GS1 Code)	Transport instruction number (GS1 Code)
TS	Test specification number (GS1 Code)	Test specification number (GS1 Code)
TSE	Transport status number (GS1 Code)	Transport status number (GS1 Code)
UC	Ultimate customer's reference number	Ultimate customer's reference number
UCN	Unique consignment reference number	Unique consignment reference number
VA	VAT registration number	VAT registration number
VN	Order number (supplier)	Order number (supplier)
XA	Company/place registration number	Company/place registration number
XA4	Account servicing bank reference (SWIFT Code)	Account servicing bank reference (SWIFT Code)
XA5	Customer to customer reference number (SWIFT Code)	Customer to customer reference number (SWIFT Code)
XA6	Third party reference number (SWIFT Code)	Third party reference number (SWIFT Code)
XA8	Credit card number (SWIFT Code)	Credit card number (SWIFT Code)
XB1	Clearing number (SWIFT Code)	Clearing number (SWIFT Code)
XB5	Tooling contract number (GS1 Code)	Tooling contract number (GS1 Code)
XB6	Formula number (GS1 Code)	Formula number (GS1 Code)
XB7	Pre-agreement number (GS1 Code)	Pre-agreement number (GS1 Code)

Code Value	Code Name	Code Definition
XB9	Customs purchase for re-export agreement number (GS1 Code)	Customs purchase for re-export agreement number (GS1 Code)
XC1	Product certification number (GS1 Code)	Product certification number (GS1 Code)
XC3	Consignment contract number (GS1 Code)	Consignment contract number (GS1 Code)
XC5	Veterinary licence number allocated by a national authority to a slaughterhouse.	Veterinary licence number allocated by a national authority to a slaughterhouse.
YA1	Product specification reference number (GS1 Code)	Product specification reference number (GS1 Code)
YA3	Numbering per year (GS1 Code)	Numbering per year (GS1 Code)
YA6	Bank statement number (SWIFT Code)	Bank statement number (SWIFT Code)
YA9	Payroll deduction advice reference (GS1 Code)	Payroll deduction advice reference (GS1 Code)
YB4	Order shipment grouping reference (GS1 Code)	Order shipment grouping reference (GS1 Code)
YB7	Product directory (GS1 Code)	Product directory (GS1 Code)
YB8	Debit Letter (GS1 Code)	Debit Letter (GS1 Code)
YB9	Inventory report request number (GS1 Code)	Inventory report request number (GS1 Code)
YC1	Additional party identification (GS1 Code)	Additional party identification (GS1 Code)
YC3	Farm approval number (GS1 Code)	Farm approval number (GS1 Code)
YC4	Cutting plant approval number (GS1 Code)	Cutting plant approval number (GS1 Code)
YC5	Slaughterhouse approval number (GS1 Code)	Slaughterhouse approval number (GS1 Code)
YC6	Packing Plant Approval number (GS1 Code)	Packing Plant Approval number (GS1 Code)

6.80. TransportServiceCategoryCode

GS1 Code List	TransportServiceCategoryCode
GS1 Code List Version	1 (September 2011)
Managing Agency	UN/ECE
Based on Code List	UN/EDIFACT 8067
Type Of Management	GS1 RESTRICTED AND EXTENDED

Code Value	Code Name	Code Definition
10	Maritime transport	Maritime transport
20	Rail transport	Rail transport
30	Road transport	Road transport
40	Air transport	Air transport
50	Mail	Mail
60	Multimodal transport	Multimodal transport
70	Fixed transport installations	Fixed transport installations
80	Inland water transport	Inland water transport
100	Courier service (GS1 Code)	Courier service (GS1 Code)

6.81.　TransportServiceConditionTypeCode

GS1 Code List	TransportServiceConditionTypeCode
GS1 Code List Version	1 (September 2011)
Managing Agency	UN/ECE
Based on Code List	UN/EDIFACT 4065
Type Of Management	???

Code Value	Code Name	Code Definition
1	AVC conditions	AVC conditions
2	Special agreement for parcels transport	Special agreement for parcels transport
3	Special agreement for full loading transport	Special agreement for full loading transport
4	Combined transport	Combined transport
5	FIATA combined transport bill of lading	FIATA combined transport bill of lading
6	Freight forwarders national conditions	Freight forwarders national conditions
7	Normal tariff, parcels transport	Normal tariff, parcels transport
8	Normal tariff, full loading transport	Normal tariff, full loading transport
9	Ordinary	Ordinary
10	Port to port	Port to port
11	CMR carnet	CMR carnet
12	Special tariff, parcels transport	Special tariff, parcels transport
13	Special tariff, full transport	Special tariff, full transport
14	Through transport	Through transport
15	Cancel space allocation	Cancel space allocation
16	Report sale of space	Report sale of space
17	Alternative space allocation	Alternative space allocation
18	No alternative space allocation	No alternative space allocation
19	Allotment sale	Allotment sale
20	Confirmation of space	Confirmation of space
21	Unable to confirm	Unable to confirm
22	Non-operative flight	Non-operative flight
23	Wait list	Wait list
24	Prior space allocation request	Prior space allocation request
25	Holding confirmed space allocation	Holding confirmed space allocation
26	Holding wait list	Holding wait list
27	Door-to-door	Door-to-door
28	Door-to-pier	Door-to-pier
29	Pier-to-door	Pier-to-door

Code Value	Code Name	Code Definition
30	Pier-to-pier	Pier-to-pier
31	Space cancellation noted	Space cancellation noted
32	Mini land bridge service	Mini land bridge service
34	Speed level – required	Speed level – required
35	Speed level – adopted	Speed level – adopted
36	Normal tariff, less than full load transport	Normal tariff, less than full load transport
37	Re-expedition special tariff	Re-expedition special tariff
38	Transport arrangement by the requester	Transport arrangement by the requester
39	Transport arrangement by the provider	Transport arrangement by the provider
40	Transport arrangement by the patient	Transport arrangement by the patient

6.82. TransportServiceLevelCode

GS1 Code List	TransportServiceLevelCode
GS1 Code List Version	2 (March 2013)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
AUTHORIZED_RETURN_SERVICE	Authorized return service	Authorized Return Service (ARS) provides for the easy return of UPS-compatible packages. Pre-printed return labels are provided to the shipper by UPS. Simply include the label with an outbound shipment or distribute separately to customers.
CONSIGNEE_BILLING_SERVICE	Consignee billing service	Any shipping charges are paid by the consignee
DELIVERY_CONFIRMATION	Delivery confirmation	Confirmation of delivery of the goods to the final destination is required.
EXPEDITED_SERVICE	Expedited service	Service reducing the transit time by employing a faster mode of transportation such as air
EXPEDITED_SERVICE_WORLDWIDE	Expedited service worldwide	Service reducing the transit time worldwide by employing a faster mode of transportation such as air
EXPRESS_SERVICE	Express service	Express treatment
EXPRESS_SERVICE_PLUS	Express service plus	Not Available
GROUND	Ground	Transportation of the goods is done by road or rail, but not by air.
GROUND_CX_EXPRESS_SERVICE	Ground cx express service	Not Available
MULTIWEIGHT	Multiweight	Combination of multiple packages moving from the same origin to the same destination into one shipment—no palletizing, shrink-wrapping, staging or shipment segregation required
MUTUALLY_DEFINED	Mutually defined	Not Available
NEXT_DAY_AIR	Next day air	Delivery of the goods scheduled for the next day of shipping, by air transport
NEXT_DAY_PM	Next day pm	Delivery of the goods scheduled for the next day of shipping, after 12PM
NEXT_MORNING	Next morning	Delivery of the goods scheduled for the next day after shipping, before 12PM
PRIMARY_SERVICE_AREA_NEXT_DAY_BY_1030	Primary service area next day by 1030	Delivery of the goods scheduled to be in a place within the area fully served , by 10:30 am the next day of shipping.
PRIMARY_SERVICE_AREA_NEXT_DAY_BY_1700	Primary service area next day by 1700	Delivery of the goods scheduled to be in a place within the area fully served , by 17:00 the next day.

Code Value	Code Name	Code Definition
RETURN_SERVICE	Return service	Indicates this is an individual customer return, preferably combined as backhaul of a regular delivery or of a replacement delivery. Release note: new in version 2.
SAME_DAY	Same day	Delivery of the goods scheduled to arrive on the same day of shipping
SATURDAY	Saturday	Delivery of the goods scheduled to arrive on Saturday
SATURDAY_PICKUP	Saturday pickup	The goods shipped can be picked up on a Saturday.
SECOND_DAY_AIR	Second day air	Delivery of the goods foreseen on the second day after shipping, by air transport
SECOND_MORNING	Second morning	Delivery of the goods foreseen in the morning of the second day after shipping.
STANDARD_GROUND_HUNDRED_WEIGHT	Standard ground hundred weight	UPS Hundredweight Service is a contractual service and available only to customers who receive an Automatic Daily Pickup.
STANDARD_SERVICE	Standard service	Not Available
THREE_DAY_SERVICE	Three day service	Delivery of the goods is scheduled three days after shipping.

6.83. TransportStatusConditionCode

GS1 Code List	TransportStatusConditionCode
GS1 Code List Version	1 (September 2011)
Managing Agency	UN/ECE
Based on Code List	UN/EDIFACT 4405
Type Of Management	GS1 RESTRICTED AND EXTENDED

Code Value	Code Name	Code Definition
1	To be done	Remark that the requested service in the order remains outstanding.
3	Arrival, in defective condition	[UN/Rec24 transport status] GS1 Description: Goods/consignments/equipment has been received or a means of transport has arrived in a defective condition.
4	Final	The amount has the status of finality.
5	Subject to final payment	The amount is subject to finality.
6	Minimum	The amount quoted is a minimum tariff.
7	Fixed	The amount quoted is a fixed tariff.
8	Maximum	The amount quoted is a maximum tariff.
9	Information	The amount is quoted for information only, it is not part of the charges to be deducted or added.
10	Cleared by agriculture, food or fisheries authorities	[UN/Rec24 transport status] The goods/consignment/equipment/means of transport has been cleared by agriculture, food or fisheries authorities. GS1 Description: Goods/consignments/equipment has been held prior to shipment and is now cleared for shipment following examination by relevant authority.
11	Cleared by port authority	[UN/Rec24 transport status] The goods/consignment/equipment/means of transport has been cleared by port authority. GS1 Description: The port authority has given permission for the goods/consignments/ equipment/means of transport to leave the port.
12	Cleared by customs	[UN/Rec24 transport status] The goods/consignment/equipment/means of transport has been cleared by customs. GS1 Description: Customs have cleared goods/consignments for import/export.

Code Value	Code Name	Code Definition
13	Collection/pick-up, completed	[UN/Rec24 transport status] The goods/consignment/equipment has been collected/picked-up. GS1 Description: Goods/consignments/equipment has been collected from a predetermined location.
14	Process, completed	[UN/Rec24 transport status] The process has been completed.
15	Consolidated	[UN/Rec24 transport status] The goods/consignments have been consolidated. GS1 Description: Goods/consignments have been added to other goods/consignments to form a larger consignment and/or have been incorporated into one or more containers/units.
16	Crossed border	[UN/Rec24 transport status] The goods/consignments/equipment/means of transport has crossed a border. GS1 Description: Goods/consignments/equipment has crossed a border from one country to another.
17	Customs clearance, refused	[UN/Rec24 transport status] The goods/consignment/equipment/means of transport has been refused to be cleared by the customs authorities. GS1 Description: The Customs authorities have refused to clear the goods/consignments/ equipment.
18	Damaged in the course of transportation	[UN/Rec24 transport status] The goods/consignment/equipment has been damaged in the course of transportation. GS1 Description: Goods/consignments/equipment has been damaged in the course of transportation.
19	Equipment, damage quoted for	[UN/Rec24 transport status] Damaged equipment has been assessed and a repair quotation has been sent. GS1 Description: Damaged equipment has been assessed and the quotation sent to lessor.
20	Delayed, in the course of transportation	[UN/Rec24 transport status] The goods/consignment/equipment/means of transport has been delayed in the course of transportation. GS1 Description: Goods/consignments/equipment have been delayed in the course of transportation.
21	Delivery, completed	[UN/Rec24 transport status] The goods/consignment/equipment has been delivered. GS1 Description: The goods/consignments/equipment have been delivered to a location/party in the transport chain.

Code Value	Code Name	Code Definition
22	Subject to agreed condition	Subject to agreed condition.
23	Delivery, not completed	[UN/Rec24 transport status] Delivery of the goods/consignment/equipment has not been completed. GS1 Description: Delivery of the goods/consignments/equipment has not been completed as per definition.
24	Departure, completed	[UN/Rec24 transport status] The means of transport has departed. GS1 Description: The means of transport has departed from a location in the transport chain.
25	Departure, delayed	[UN/Rec24 transport status] The means of transport has been delayed in departure. GS1 Description: The transport has been delayed in departing on the arranged transport action.
26	Deramped	[UN/Rec24 transport status] The equipment has been removed from a position above another type of equipment and/or on a means of transport. GS1 Description: Equipment has been removed from a position above other equipment on a means of transport.
27	Despatch, completed	[UN/Rec24 transport status] The goods/consignment/equipment has been despatched. GS1 Description: The goods/consignments/equipment have departed from a location in the transport chain.
28	Stripped	[UN/Rec24 transport status] The goods/consignment/equipment has been unloaded from a piece of equipment in which they were transported. GS1 Description: The goods/consignments/equipment have been unloaded from equipment in which they were transported.
29	Unloaded	[UN/Rec24 transport status] The goods/consignment/equipment has been unloaded from a means of transport. GS1 Description: The goods/consignments/equipment have been unloaded from a means of transport.
30	Empty on inspection	[UN/Rec24 transport status] The package/equipment has been found to be empty on inspection. GS1 Description: The package/equipment has been found to be empty.

Code Value	Code Name	Code Definition
31	En route	[UN/Rec24 transport status] The goods/consignment/equipment/means of transport is moving to destination. GS1 Description: The goods/consignments/equipment are in the normal course of transportation to the next destination.
32	Equipment, returned from repair	[UN/Rec24 transport status] The equipment has been returned from repair. GS1 Description: A piece of equipment has been received in after having been sent out for repair.
33	Equipment, sent for repair	[UN/Rec24 transport status] The equipment has been sent for repair. GS1 Description: A piece of equipment has been sent out for repair.
34	Equipment, repaired	[UN/Rec24 transport status] The equipment has been repaired. GS1 Description: A damaged piece of equipment has been repaired.
35	Forwarded to destination	[UN/Rec24 transport status] The goods/consignment/equipment has been forwarded to a destination. GS1 Description: The goods/consignments/equipment have been expedited to the next/final destination in the transport chain.
36	Not found	[UN/Rec24 transport status] The goods/consignment/equipment/means of transport has not been found. GS1 Description: The goods/consignments/equipment notified to be missing has not been located.
37	Stolen	A consignment or goods have been stolen.
38	Freight paid	[UN/Rec24 transport status] The freight charges have been paid. GS1 Description: The freight charges on goods/consignments/equipment have been paid.
39	Released from bond	[UN/Rec24 transport status] The goods/consignment/equipment has been released from bond. GS1 Description: The goods/consignments/equipment has been moved/is available to be moved from bond.
40	Arrival, at port	[UN/Rec24 transport status] The goods/consignment/equipment has arrived at the port. GS1 Description: The goods/consignments/equipment has arrived/is available at port.

Code Value	Code Name	Code Definition
45	Arrival, consignee informed	[UN/Rec24 transport status] The consignee has been informed of the arrival of the goods/consignments/equipment/means of transport. GS1 Description: The consignee has been informed formally of the arrival at a transit or final destination of goods/consignments/equipment.
46	Moved, into bond	[UN/Rec24 transport status] The goods/consignment/equipment has been moved into bond. GS1 Description: The goods/consignments/equipment has been moved/is available to be moved into bond.
47	Moved, into packing depot	[UN/Rec24 transport status] The goods/consignment/equipment has been moved into a packing depot. GS1 Description: The goods/consignments/equipment has been moved into a LCL (less than container load)/packing depot.
48	Loading, completed onto a means of transport	[UN/Rec24 transport status] The goods/consignment/equipment has been loaded onto a means of transport. GS1 Description: The goods/consignments/equipment have been loaded onto a means of transport.
49	Lost	[UN/Rec24 transport status] The goods/consignment/equipment/means of transport has been lost. GS1 Description: The goods/consignments/equipment have been lost in the course of a movement along the transport chain.
50	Manifested	[UN/Rec24 transport status] The goods/consignment/equipment has been included on a manifest . GS1 Description: The goods/consignments/equipment have been included on the list of items moving from one location to another in the transport chain.
58	Quantity error	The quantity is an error.
59	Monetary amount error	The monetary amount is an error.
60	Product not ordered	The product was not ordered.
63	Not accepted	The item has not been accepted.
64	Order or request cancelled	The referenced order or request has been cancelled.
65	Equipment, plugged-in	[UN/Rec24 transport status] The equipment has been plugged into a power source. GS1 Description: Equipment, e.g. a refrigerated container, has been plugged into the power source.

Code Value	Code Name	Code Definition
66	Plundered	[UN/Rec24 transport status] The goods/consignment/equipment/means of transport has been plundered. GS1 Description: The goods/consignments/equipment has been plundered.
67	Positioned	[UN/Rec24 transport status] The goods/consignment/equipment has been positioned. GS1 Description: Goods/consignments/equipment have been positioned on a means of transport.
68	Pre-informed	[UN/Rec24 transport status] The party has been informed in advance. GS1 Description: The consignor/consignee has been advised in advance of a transport action.
70	Ramped equipment	[UN/Rec24 transport status] The equipment has been placed above another type of equipment and/or placed on a means of transport. GS1 Description: Equipment has been placed above other equipment and placed on a means of transport.
71	Available for ordering	Goods are available for ordering.
72	Not available for ordering	Goods are not available for ordering.
73	Receipt of goods partially acknowledged	[UN/Rec24 transport status] The receipt of goods has been partially acknowledged. GS1 Description: The consignee has not given full acknowledgement for the receipt of goods.
74	Expiry date exceeded	The expiry date has been exceeded. GS1 Description: The expiry date for goods has been surpassed.
77	All published issues since issue specified in claim	Applies to all published issues since issue specified in claim.
78	Released	[UN/Rec24 transport status] The goods/consignment/equipment has been released. GS1 Description: Goods/consignments/equipment have been released to an authorized party.
79	Reloaded onto a means of transport	[UN/Rec24 transport status] The goods/consignment/equipment has been reloaded onto a means of transport.
80	Returned as instructed	[UN/Rec24 transport status] The goods/consignment/equipment has been returned as instructed. GS1 Description: The goods/consignments/equipment has been returned to a location as per instructions.

Code Value	Code Name	Code Definition
81	Returned as wreck	[UN/Rec24 transport status] The goods/consignment/equipment/means of transport has been returned in a wrecked condition . GS1 Description: The goods/consignments/equipment has been returned in a wrecked condition to a location as per instructions.
82	Returned	[UN/Rec24 transport status] The goods/consignment/equipment has been returned. GS1 Description: Goods/consignments/equipment have been returned to a previous location.
83	Sealed equipment	[UN/Rec24 transport status] The equipment has been sealed. GS1 Description: The equipment has been sealed according to operational and governmental requirements.
84	Service ordered	[UN/Rec24 transport status] A service has been ordered. GS1 Description: A service has been ordered in relation to the transportation of goods/consignments/equipment.
85	Short landed	[UN/Rec24 transport status] Goods/consignments/equipment manifested for unloading have not been unloaded. GS1 Description: Goods/consignments/equipment expected to be discharged from a means of transport at a specific location have not been discharged.
86	Short shipped	[UN/Rec24 transport status] The goods/consignment/equipment expected to be sent has not been fully loaded onto a means of transport. The goods/consignments/equipment expected to be sent to a specific destination on a selected means of transport from a specific location have not been loaded for onward delivery.
88	Split consignment	[UN/Rec24 transport status] The consignment of goods has been split. GS1 Description: The consignment of goods has been split into two or more consignments.
89	Steam cleaned	[UN/Rec24 transport status] The goods/equipment has been steam cleaned. GS1 Description: The equipment, e.g. a container, has been steam cleaned.
90	Movement stopped	[UN/Rec24 transport status] The movement of the goods/consignment/equipment has been stopped . GS1 Description: The goods/consignments/equipment have been stopped from further movement in the transport chain.

Code Value	Code Name	Code Definition
91	Stored	[UN/Rec24 transport status] The goods/consignment/equipment has been placed into storage. GS1 Description: The goods/consignments/equipment have been stored at a location.
92	Stowed	[UN/Rec24 transport status] The goods/consignment/equipment has been placed on a means of transport. GS1 Description: The goods/consignments/equipment have been stowed for transportation in the selected equipment/means of transport.
93	Stuffed	[UN/Rec24 transport status] The goods/consignments have been loaded into a piece of equipment. GS1 Description: The goods/consignments/equipment have been loaded into a piece of equipment, e.g. a container.
94	Stuffed and sealed	[UN/Rec24 transport status] The goods/consignments have been loaded into a piece of equipment and the equipment has been sealed. GS1 Description: The goods/consignments/equipment have been loaded into a piece of equipment and the equipment has been sealed.
95	Sub-lease notice in	[UN/Rec24 transport status] A sub-lease notice has been sent to the lessor. GS1 Description: In the leasing of equipment a sub-lease has been notified to the lessor.
96	Sub-lease notice out	[UN/Rec24 transport status] A sub-lease notice has been sent by the lessee. GS1 Description: In the leasing of equipment a sub-lease has been notified by a lessee.
97	Damage surveyed	[UN/Rec24 transport status] The goods/consignment/equipment has been surveyed to assess the damage. GS1 Description: Damaged goods/consignments/equipment have been officially surveyed by a third party to assess the extent of damage.
98	Transferred in	[UN/Rec24 transport status] The goods/consignment/equipment has been transferred in. GS1 Description: The goods/consignments/equipment have been transferred in from another location.

Code Value	Code Name	Code Definition
99	Transferred out	[UN/Rec24 transport status] The goods/consignment/equipment has been transferred out. GS1 Description: The goods/consignments/equipment have been transferred out to another location.
100	Transhipment	[UN/Rec24 transport status] The goods/consignment/equipment has been transferred to another means of transport. GS1 Description: The goods/consignments/equipment have been transhipped to another means of transport.
101	Delayed in transit	[UN/Rec24 transport status] The goods/consignment/equipment/means of transport has been delayed in transit. GS1 Description: The goods/consignments/equipment has been delayed in transit.
102	Unknown	[UN/Rec24 transport status] The goods/consignment/equipment/means of transport is not known. GS1 Description: The goods/consignments/equipment are not known to the source being enquired upon.
103	Equipment, unplugged	[UN/Rec24 transport status] The equipment has been removed from the power source. GS1 Description: Equipment, e.g. a refrigerated container, has been unplugged from the power source at a given location.
110	Stock quantity corrected	A difference in quantity between stocks has been corrected.
314	Delayed, at origin	[UN/Rec24 transport status] The goods/consignment/equipment/means of transport has been delayed at the origin.
315	Held, by logistic service provider	[UN/Rec24 transport status] The goods/consignment/equipment has been held by the logistic service provider.
316	Incident occurred but accepted by ordering party	[UN/Rec24 transport status] An incident has occurred but has been accepted by the ordering party.
317	Delivery party' premises closed during normal hours	[UN/Rec24 transport status] The premises of the delivery party were closed during normal hours.
319	Despatch, preparation error	[UN/Rec24 transport status] An error occurred during the preparation of the despatch.
324	Instruction to despatch, cancelled	[UN/Rec24 transport status] The instruction to despatch has been cancelled.
326	Goods, held by third party on instruction from owner	[UN/Rec24 transport status] Goods are held under control of a third party following an instruction from the owner of the goods.

Code Value	Code Name	Code Definition
327	Weight or volume loss	[UN/Rec24 transport status] The goods have suffered a weight or volume loss.
328	Moved, internally	[UN/Rec24 transport status] The goods/consignment/equipment has been moved internally.
329	Consignment partially stolen	[UN/Rec24 transport status] The consignment has been partially stolen.
330	Consignment partially lost or missing	[UN/Rec24 transport status] The consignment is partially lost or missing.
355	En route, via local route	[UN/Rec24 transport status] The goods/consignment/equipment/means of transport is moving to destination via a local route.
356	En route, via national route	[UN/Rec24 transport status] The goods/consignment/equipment/means of transport is moving to destination via a national route.
357	En route, via international route	[UN/Rec24 transport status] The goods/consignment/equipment/means of transport is moving to destination via an international route.
1E	Arrived (GS1 Code)	The goods/consignments/equipment/means of transport has arrived at a location.
20E	Direct deliver (GS1 Code)	The order or goods are to be delivered direct to the consignee.
21E	Delivery through warehouse (GS1 Code)	The order or goods are to be delivered to the consignee via a warehouse or distribution center.
22B	Delivery, completed as per instruction	[UN/Rec24 transport status] Delivery of the goods/consignment/equipment has been completed as per instruction. GS1 Description: Delivery of the goods/consignments/equipment has been completed as per instruction.
22E	Despatched urgent (GS1 Code)	The order or goods have been urgently despatched to the consignee.
23E	Delivered cash on delivery (GS1 Code)	The order or goods have been delivered to the consignee cash on delivery.
24E	Delivered previous call (GS1 Code)	The order or goods have been delivered to the consignee following calls to previous locations.
26E	Not enough information for despatch (GS1 Code)	Not enough information was provided to enable the despatch of the order or goods.
27E	Local delivery ready for despatch (GS1 Code)	A local delivery of an order or goods is ready for despatch.
28E	Long distance delivery ready for despatch (GS1 Code)	A long distance delivery of an order or goods is ready for despatch.
29E	Local delivery expedited (GS1 Code)	A local delivery of an order or goods has been expedited to its destination.
2E	Authorized to load (GS1 Code)	Permission to load has been given by the responsible party.
30E	Long distance delivery expedited (GS1 Code)	A long distance delivery of an order or goods has been expedited to its destination.

Code Value	Code Name	Code Definition
31E	Despatch being prepared (GS1 Code)	An order or goods are currently being prepared for despatch.
32E	Modified order (GS1 Code)	The referenced order has been modified according to an agreement between the trading parties.
34E	Collected by the consignee (GS1 Code)	An order or goods has been collected by the consignee.
37B	Found	[UN/Rec24 transport status] The goods/consignment/equipment/means of transport has been found. GS1 Description: The goods/consignments/equipment previously notified missing have now been located.
39E	Goods returned by recipient (GS1 Code)	A code indicating the fact that goods delivered were returned by the recipient.
49E	Delivery in-complete – time shortage at delivery location (GS1 Code)	The carrier was unable to complete the delivery of goods due to a shortage of time at the delivery location to handle the delivery.
4E	Defective equipment release (GS1 Code)	Equipment previously the subject of a 'defective condition' status has been returned to service.
50E	Other (GS1 Code):	Another incident (undefined) has occurred.
57E	Goods moved to replenish stock (GS1 Code)	An indication that goods have been moved to replenish stock.
58E	Instruction to despatch arrived (GS1 Code)	An indication from the logistic service provider that the Instruction To Despatch message has arrived.
59E	Despatch preparation (GS1 Code)	An indication that goods have been being prepared for despatch.
5E	Begun (GS1 Code)	The process has begun.
60E	Being returned (GS1 Code)	Goods originally despatched are in the process of being returned from the delivery party.
62E	Refused by recipient (GS1 Code)	Indication that the delivery of goods has been refused by the recipient.
64B	Collection/pick-up, awaited	[UN/Rec24 transport status] The goods/consignment/equipment is awaiting collection/pick-up. GS1 Description: Goods/consignments/equipment are awaiting pick-up.
64E	Load planning safety margin (GS1 Code)	Identifies the consignment(s) which can be used to compensate for load planning mistakes.
65E	To be loaded according to load planning (GS1 Code)	Consignment is to be loaded according to load planning
69E	Damaged (GS1 Code)	The goods/consignments/equipment have been damaged.
6E	Booked (GS1 Code)	Goods/consignments/equipment or means of transport has been booked for subsequent movements.
70E	Handover (GS1 Code)	The goods/consignments/equipment have been formally passed from one point in the transport chain to another under responsibility of the same transporter. (See also 'handover delivered'.)

Code Value	Code Name	Code Definition
71B	Ready for transportation	[UN/Rec24 transport status] The goods/consignment/equipment is ready for transportation. GS1 Description: Goods/consignments/equipment have been made ready for transportation.
71E	Handover delivered (GS1 Code)	The goods/consignments/equipment from one transport operator have been passed to another transport operator. (See also 'handover'.)
72B	Receipt of goods fully acknowledged (GS1 Code)	[UN/Rec24 transport status] The receipt of goods has been fully acknowledged. GS1 Description: The consignee has given full acknowledgement for the receipt of goods.
72E	Handover received (GS1 Code)	The goods/consignments/equipment have been received by one transport operator from another transport operator.
73E	Ill-routed consignment reforwarded (GS1 Code)	The goods/consignments/equipment which was previously sent to a wrong destination is on the way to correct destination.
74B	Received	[UN/Rec24 transport status] The goods/consignment/equipment have been received. GS1 Description: Goods/consignments/equipment have been received at a location/party in the transport chain.
74E	Offloaded (GS1 Code)	The consignment has been offloaded.
75E	Not identified (GS1 Code)	The goods/consignments/equipment expected to be located and identified in the transport chain cannot be identified.
76E	Not collected (GS1 Code)	The goods/consignments/equipment expected to be collected after transportation have not been collected.
77B	Refused, action	[UN/Rec24 transport status] The transport action has been refused. GS1 Description: The transport action/documentation has been refused.
77E	Not delivered (GS1 Code)	The goods/consignments/equipment have not been delivered.
78E	Not loaded (GS1 Code)	The goods/consignments/equipment to be loaded onto a means of transport have not been loaded on the expected transport.
79E	Off hire (GS1 Code)	Equipment previously under hire to a customer has been returned to the lessor and the contract has been terminated.
7E	Booking cancelled (GS1 Code)	The booking of goods/consignments/equipment or means of transport previously booked has been cancelled.
80E	On hire (GS1 Code)	Equipment has been hired out to a hirer/customer.
81E	Outstanding claims settled (GS1 Code)	Outstanding claims in respect of goods/consignments/equipment have been settled.
82E	Over landed (GS1 Code)	Goods/consignments/equipment have been discharged from a means of transport at a specific location when they were not expected to be discharged.
83E	Package not ready (GS1 Code)	The package was not available for collection.

Code Value	Code Name	Code Definition
84E	Put to refuse (GS1 Code)	The goods/consignments/equipment has been written off and disposed of.
85E	Reconsigned (GS1 Code)	Goods/consignments/equipment have been consigned to a party other than the original or subsequent consignees.
86E	Reforwarding on request (GS1 Code)	The goods/consignments/equipment which has been delayed will be/has been reforwarded on request by appropriate authority.
87E	Sorted wrong route (GS1 Code)	The goods/consignments/equipment has been sorted erroneously to an incorrect route.
8E	Cleared import restrictions (GS1 Code)	Goods/consignments/equipment held for import restriction purposes have been released for import.
9E	Cleared export restrictions (GS1 Code)	Goods/consignments/equipment held prior to loading have now been cleared for export.
CSA	Claim all issues since subscription start (GS1 Code)	Claim refers to all issues since subscription start.
CSC	Claim all issues from and including issue specified in claim (GS1 Code)	Claim refers to all issues from and including issue specified in claim.
CSD	Claim specified issue only (GS1 Code)	Claim refers to specified issue only.
CSE	Claim cancelled (GS1 Code)	Claim is cancelled.
X33	Damaged in the logistics service provider premises (GS1 Code)	Goods/consignments/equipment have been damaged in the logistics service provider's premises while under the LSP responsibility.
X34	Goods destroyed by the logistics service provider (GS1 Code)	The goods have been destroyed by the logistics service provider, by order of the owner of the goods after an event had occurred (the goods had been damaged, the best before date was exceeded, frozen goods had melted, etc).
X35	Released by the logistics service provider (GS1 Code)	Goods/consignments/equipment have been released by the logistics service provider. They had been earlier blocked by the logistics service provider, e.g. to allow broken pallets to be sorted.
X37	Unwashed (GS1 Code)	The object is not washed.
X38	In use (GS1 Code)	The object is in use.
X39	Washed (GS1 Code)	The object is washed.
X40	Available (GS1 Code)	Goods are available.
X41	Not available (GS1 Code)	Goods are not available.

6.84. TransportStatusReasonCode

GS1 Code List	TransportStatusReasonCode
GS1 Code List Version	1 (September 2011)
Managing Agency	UN/ECE
Based on Code List	UN/EDIFACT 9013
Type Of Management	GS1 RESTRICTED AND EXTENDED

Code Value	Code Name	Code Definition
1	Address ex delivery area:	The address for delivery is outside the area of the carrier/transporter.
2	After transport departed:	The goods/consignments/equipment arrived after the means of transport has departed.
3	Agent refusal:	The agent of the customer refused to accept delivery.
4	Altered seals:	The seals on the equipment have been changed from those notified.
5	Appointment scheduled:	An arrangement has been made to deliver at a specific time.
6	Attempt unsuccessful:	An unsuccessful attempt has been made to deliver the goods/consignments/equipment.
7	Business closed:	The goods/consignments/equipment could not be delivered/collected as the business was closed.
8	Changed schedule:	The goods/consignments/equipment cannot/will not be delivered/collected at the arranged time because of a change of schedule.
9	Complementary address needed:	A further address is needed to effect delivery/collection of the goods/consignments/equipment.
10	Computer system down:	The computer system is inoperative.
11	Credit approval requested:	The consignee requests delivery on a credit base.
12	Customer arrangements:	Goods/consignments/equipment require delivery arrangements by the customer.
13	Customs refusal:	The Customs authorities have refused to clear the goods/consignments/equipment.
14	Damaged:	The goods/consignments/equipment have been damaged.
15	Delivery at specific requested dates/times/periods:	Delivery of the goods/consignments/equipment is requested at specific dates/times/periods.
16	Destination incorrect:	The goods/consignments/equipment have been sent to wrong destination.
17	Departure delay:	The transport has been delayed in departing on the arranged transport action.
18	Derailment:	The train carrying the goods/consignments/equipment has been derailed.
19	Discrepancy:	There is a discrepancy between the details of goods/ equipment previously provided and the actual situation.
20	Dock strike	The goods/consignments/equipment cannot be delivered/collected due to a dock strike.

Code Value	Code Name	Code Definition
21	Due to customer:	An action in the transport chain has been affected due to action of the customer.
22	Empty:	The package/equipment is found to be empty.
23	Equipment failure:	Delivery/collection could not be affected due to equipment failure.
24	Examination required by relevant authority:	An examination of the goods/equipment has been ordered by the relevant authority.
25	Export restrictions:	The goods/consignments/equipment have been prohibited from export pending further investigation.
26	Frustrated export:	Attempts to export the goods/consignments/equipment have been unsuccessful.
27	Goods units missing:	The tally of goods/consignments/equipment does not match the quantity as per advice. Result: less than advised.
28	Import restrictions:	The goods/consignments/equipment need import checks and tests pending being released for importation.
29	Incorrect pick information:	The goods/consignments/equipment were not collected due to incorrect pick information.
30	Incorrect address:	The address given for the action was incorrect.
31	Industrial dispute	The action was frustrated by an industrial dispute.
32	Instructions awaited:	Further instructions are required.
33	Lost goods/consignments/equipment:	The goods/consignments/equipment have been lost in the course of a movement along the transport chain.
34	Means of transport damaged:	The means of transport on which the goods/consignments/equipment were being (were to be) moved has been damaged.
35	Mechanical breakdown:	There has been a mechanical breakdown of the means of transport/equipment on which the goods/consignments/equipment was being (was to be) moved.
36	Mechanical inspection:	A mechanical inspection of the means of transport/ equipment on which the goods/consignments/equipment were being (were to be) moved, is required.
37	Missing and/or incorrect documents:	The goods/consignments/equipment require complete and correct documentation.
38	New delivery arrangements:	Alternative delivery arrangements advised by consignee after failed delivery.
39	No recipient contact information:	No information available concerning the responsible person at delivery address.
40	Not identified:	The goods/consignments/equipment expected to be located and identified in the transport chain cannot be identified.
41	Not loaded:	The goods/consignments/equipment to be loaded onto a means of transport have not been loaded on the expected transport.
42	On deck:	The goods/consignments/equipment have been stowed on deck.
43	Package not ready:	The package was not available for collection.
44	Package tracking number unknown:	The package tracking number is unknown.

Code Value	Code Name	Code Definition
45	Partly missing:	The goods/consignments/equipment are partly, but not completely, missing.
46	Payment not received:	The expected payment for the transport action was not received.
47	Payment refused:	The payer refused to pay for the service.
48	Plundered:	The goods/consignments/equipment has been plundered.
49	Refused without reason given:	The transport action/documentation has been refused without explanation.
50	Scheduled past cut-off:	The goods/consignments/equipment to be delivered/collected have been scheduled past/later than the cut-off time.
51	Shunted to siding:	The transport on which the goods/consignments/equipment is to be placed has been shunted to siding.
52	Signature not required	GS1 Description – A signature is not required.
53	Sorted wrong route:	The goods/consignments/equipment have been sorted erroneously to an incorrect route.
54	Special service required	A special service is required for the goods/consignments/equipment.
55	Split	The consignment of goods has been split into two or more consignments.
57	Tracking information unavailable	The tracking information of the goods/consignments/equipment is unavailable.
58	Transit delay:	The goods/consignments/equipment has been delayed in transit.
59	Unable to locate	The goods/consignments/equipment cannot be located.
60	Unacceptable condition	The goods/consignments/equipment were in unacceptable condition at time of delivery/collection.
61	Under deck	The goods/consignments/equipment have been stowed under/below deck.
62	Unknown:	The reason is unknown.
63	Weather conditions:	The weather conditions have affected collection/delivery.
64	Expired free time:	The goods/consignments/equipment have been in a storage facility for longer than permitted free time.
65	Outstanding claims settled:	Outstanding claims in respect of goods/consignments/equipment have been settled.
66	Stolen	A consignment or goods have been stolen.
67	Administrative error	An administrative error has occurred. GS1 Description: An administrative error has occurred during the process of the order of goods.
68	Undefined incident attributed to buyer:	An undefined incident has been attributed to the buyer.
69	Undefined incident attributed to carrier:	An undefined incident has been attributed to the carrier.
70	Undefined incident attributed to logistic service provider:	An undefined incident has been attributed to the logistic service provider.
71	Change in agreed product reference:	An agreed reference associated with a product has changed.

Code Value	Code Name	Code Definition
72	Difference in replenishment figures:	A difference has been identified between the opening inventory balance, the physical count of incoming replenishment inventory, and the closing inventory balance.
73	Lost quantity of variable measurement product:	A quantity of a variable measurement product which has been lost.
75	Product degenerated during storage or transport:	A product has degenerated during storage or transport. GS1 Description: A product has degenerated, e.g. fermented, oxidised, during storage or transportation.
76	Destroyed	The goods, consignments, or equipment have been destroyed.
77	Best before date expired	A product's best before date has expired. Product was out of date (best before date expired).
88	Accident involving means of transport:	The means of transport being used to move the consignment has been involved in an accident.
89	Order or instruction status change	A status of an order or instruction has changed.
91	Delivery requested to another location by ordering party:	Goods have been delivered to another location following an instruction from the ordering party.
92	Incorrect goods delivered	The goods delivered were incorrect. GS1 Description:The goods delivered was not equal to those which were ordered.
93	Undefined incident attributed to customs authority:	An undefined incident has been attributed to the customs authority.
95	Excess goods delivered	Excess goods have been delivered.
96	Goods partially delivered	Goods were partially delivered.
100	Unloading date and or time not received:	The unloading date and or time were not received. GS1 Description: The goods' recipient did not receive a date/time assigned for unloading this delivery.
102	Pallets containing mixed goods not acceptable:	Pallets containing mixed goods are not accepted by goods recipient.
103	Product expiry date not acceptable:	The product expiry date is not accepted.
104	Pallet and goods height higher than permitted:	The combined height of the pallet and goods is higher than permitted.
105	Delivery order not received:	The delivery order was not received. GS1 Description: The goods' recipient did not receive an order for this delivery.
106	Back-orders not permitted by goods recipient:	Back-orders are not permitted by the goods recipient.
107	Article identification not found in computer system:	Article identification is not found in computer system. GS1 Description: Article is not in in-house system of the goods' recipient.
108	Goods not barcoded:	Goods are not barcoded. GS1 Description: Goods are not barcoded.
116	Missing (GS1 Code):	Specified goods/consignments/equipment are missing.
192	Non-operational periods (GS1 Code):	Waiting due to being outside the period of operation.
246	Delayed due to various reasons (GS1 Code):	Standing over due to various reasons
260	Missing contents (GS1 Code):	When checking a suspect parcel, the consignee found that contents were missing.

Code Value	Code Name	Code Definition
263	Standing over: collect freight charges (GS1 Code):	Instructions are awaited as the consignee refused to pay the collect freight charge.
264	Standing over: reimbursement (GS1 Code):	Instructions are awaited as the consignee refused to pay the reimbursement requested by the consignor.
22E	Delivered later than scheduled date/time (GS1 Code):	Delivery has taken place later than the scheduled date/time.
23E	Delivery different date (GS1 Code):	Delivery will, or has, taken place on a date different to that requested on the order.
25E	Goods previously delivered (GS1 Code):	A delivery of goods has been refused because delivery of the same goods had already taken place.
26E	Goods damaged in warehouse (GS1 Code):	Goods ready for delivery, or already delivered, have been damaged in the warehouse before delivery.
27E	Loading error (GS1 Code):	An error while loading the order or goods has occurred, e.g. wrong goods, wrong transport equipment, wrong mode of transport, etc.
28E	Delivery too late (GS1 Code):	A delivery of an order or goods has been refused because it has arrived late.
29E	Partial delivery not accepted (GS1 Code):	A partial delivery of an order has not been accepted by the ordering party.
30E	Unloading of goods delayed (GS1 Code):	The unloading of goods at the point of delivery has been delayed by the carrier for no specific reason.
31E	Product out of stock (GS1 Code):	An order for a specific product cannot be fulfilled currently because the product is out of stock.
35E	Incident attributed to seller (GS1 Code):	An undefined incident has been attributed to the seller.
38E	Incident not attributed (GS1 Code):	An undefined incident has not been attributed to any party.
45E	Delivery not accepted if damaged goods not removed (GS1 Code):	Indication that the delivery party will not accept delivery of the goods if damaged goods are not removed upon delivery.
51E	Damaged during manipulation (GS1 Code):	Product damaged during the manipulation process in a warehouse or during transport.
56E	Wrong item(s) supplied (GS1 Code)	
58E	Imperfect condition (GS1 Code):	Items received have manufacturing defects which make them unacceptable.
60E	Short delivered (GS1 Code)	
61E	Other (GS1 Code)	Another incident (undefined) has occurred.
62E	Quantity error (GS1 Code)	
63E	Monetary amount error (GS1 Code):	The reason for an error is an error concerning the monetary amount.
64E	Product not ordered (GS1 Code):	The reason for an error is a product was not ordered.
65E	Product not accepted (GS1 Code):	A product was delivered which was not accepted by the delivery party.
66E	Despatch preparation error (GS1 Code):	The error was caused because of an error in the preparation of the despatch.

Code Value	Code Name	Code Definition
67E	Inventory differences (GS1 Code):	Differences in inventory detected when carrying out a physical inventory count.
68E	Physical movement between warehouses (GS1 Code):	A difference in inventory due to physical movement between warehouses.
69E	Manipulation (GS1 Code):	A difference in inventory due to the physical manipulation of goods.
70E	Importation (GS1 Code):	A difference in inventory due to the addition of imported goods to inventory.
71E	Delivery party premise closed during normal hours (GS1 Code):	The premises of the delivery party were closed during normal hours.
72E	Delivery incomplete – time shortage at delivery location (GS1 Code):	The carrier was unable to complete the delivery of goods due to a shortage of time at the delivery location to handle the delivery.
77E	No stacked pallets admitted (GS1 Code):	Stacked pallets are not admitted.
84E	Delivery party premise closed for stock taking (GS1 Code):	The premises of the delivery party were closed because of stock taking.
85E	Delivery party premise closed on Saturday (GS1 Code):	The premises of the delivery party were closed on Saturday.
86E	Delivery party premise closed on national holiday (GS1 Code):	The premises of the delivery party were closed on a national holiday.
87E	Postponed delivery (GS1 Code):	Temporary refusal of a part or of the whole delivery.
90E	Not delivered (GS1 Code):	The goods/consignments/equipment have not been delivered.
X35	After action taken by logistics service provider (GS1 Code):	After an action was taken on the goods/consignments/equipment by the logistics service provider.
X47	Logistics service provider following instructions by owner (GS1 Code):	Action taken by the logistics service provider on goods/consignments/equipment as instructed by owner.
X48	Arrived (GS1 Code)	The goods/consignments/equipment/means of transport has arrived at a location.
X49	Expiration of sales period (GS1 Code)	Goods' sales period has expired.
X50	Awaiting release (GS1 Code)	Goods are on hold awaiting release.
X51	Quality control held (GS1 Code)	Goods held from distribution waiting for the outcome of a quality control assessment.
X60	Incident attributed to despatch party (GS1 Code):	Incident has been attributed to the despatch party.

6.85. UNLocationCode

GS1 Code List	**UNLocationCode**
GS1 Code List Version	**1 (September 2011)**
Managing Agency	**UN/ECE**
Based on Original Code List	**UN/ECE Recommendation 16 and UN/LOCODE**
Type Of Management	**FULLY ADOPTED**

6.86. VarianceReasonCode

GS1 Code List	VarianceReasonCode
GS1 Code List Version	1 (September 2011)
Managing Agency	GS1
Based on Code List	n/a
Type Of Management	n/a

Code Value	Code Name	Code Definition
ARTICLE_CODE_UNKNOWN	Article code unknown	The article code is not known.
DAMAGED	Damaged	If a shipment or any part thereof, is lost or damaged in transit and so received, the person making such receipt is responsible for securing proper notation of damage or shortage from the delivering carrier, on the bill of lading, so proper claims may be filed with the carrier.
ITEM_NOT_ORDERED	Item not ordered	Item was not requested.
OUT_OF_INVENTORY	Out of inventory	Not available for sale or use.
PACK_DIFFERENCE	Pack difference	There is a pack deviation from the standard or norm.

7. Business Message Examples

Not Applicable

8. Implementation Considerations

Not Applicable

9. Appendices

Not Applicable

10. Summary of Changes

10.1. BMS Release 3.0

Changes	BMS Doc Version
BMS Public review: ■ changed definition of tradeItemQuantity in TransactionalTradeItem. Also updated the GDD report, since it had 1..1 instead of 0..1 as multiplicity. The class diagram was correct. ■ Made cardinality of LogisticUnitIdentification in LogisticUnits 0..1 instead of 1..1. ■ Added new code data type: DeliveryTypeCode ■ Added new code list: DeliveryTypeCode. ■ Added new code value PENDING to code list LineItemActionCode. ■ Added rolename deliveryTermsLocation to association DeliveryTerms → LogisticLocation	1.0.0
Added classes: ■ InvoiceDocumentReference ■ PartyReference ■ SourceReference ■ TransactionalReference ■ XHTML Added data types: ■ DataCarrierTypeCode ■ DebitCreditEnumeration ■ FinancialAdjustmentReasonCode ■ GDTI ■ InventoryActivityTypeCode ■ InventoryMovementTypeCode ■ MaterialTypeCode ■ PlanBucketSizeCode	1.1.0 **(GS1 eCom Domain increment 1)**

Changes	BMS Doc Version
▪ SettlementAdjustmentReferenceTypeCode ▪ SettlementHandlingTypeCode ▪ StockRequirementTypeCode ▪ StructureTypeCode ▪ SymbolComponentCode ▪ TradeitemUnitDescriptorCode ▪ TransactionalReferenceTypeCode ▪ TransportPlanningDateTypeEnumeration Added codelists: ▪ DataCarrierTypeCode ▪ DebitCreditEnumeration ▪ FinancialAdjustmentReasonCode ▪ InventoryActivityTypeCode ▪ InventoryMovementTypeCode ▪ MaterialTypeCode ▪ PlanBucketSizeCode ▪ SettlementHandlingTypeCode ▪ StockRequirementTypeCode ▪ StructureTypeCode ▪ SymbolComponentCode ▪ TradeitemUnitDescriptorCode ▪ TransactionalReferenceTypeCode ▪ TransportPlanningDateTypeEnumeration	
Removed data type and code list for SettlementAdjustmentReferenceTypeCode	1.1.0 (23-nov-2011)
For Publication ▪ Added Copyright R in GS1 Logo ▪ Changed Status to Approved ▪ Removed year reference in footer copyright statement ▪ Added Adherence to AG Principles Section ▪ Replaced code I with AND in AllowanceChargeTypeCode	1.1.0 (3- Jan0-2012)

10.2. BMS Release 3.1

Changes	BMS Doc Version
▪ Removed PaymentTermsTypeCode and AllowanceChargeTypeCode.data types and associated code lists. Added to Shared Common. BSD. ▪ Removed AllowanceOrChargeTypeEnumeration.data type and associated code list. Added to Shared Common BSD.	3.1 - Issue 1
new classes: ▪ AdministrativeUnit ▪ CarrierPickUpDropOffDetails ▪ InventorySubLocation ▪ InventoryDutyFeeTaxStatus	3.1 - Issue 1

Changes	BMS Doc Version
New data types and codelists: ■ AdministrativeUnitTypeCode ■ CustomsWarehouseStatusCode ■ InventorySubLocationFunctionCode ■ InventorySubLocationTypeCode ■ PackagingConditionCode Updated code lists: ErrorOrWarningCode: ■ Added CONFIRMED_BUT_DELAY_EXPECTED TransportServiceLevelCode: ■ Added RETURN_SERVICE Updated Code List InventoryMovementTypeCode, added: ■ INCREASE, DECREASE updated classes:	

class LogisticUnit - maintenance view

LogisticUnit

- grossWeight: Measurement [0..1]
- packageLevelCode: PackageLevelCode [0..1]
- packageTypeCode: PackageTypeCode [0..1]
- tradeItemQuantity: Quantity [0..1]

maintenance
Change: (Verified) 3.1 added association UnitMeasurement

class LogisticUnits - maintenance view

« »
LogisticUnits

+ levelIdentification: positiveInteger [0..1]
+ parentLevelIdentification: positiveInteger [0..1]
+ packageTypeCode: PackageTypeCode [0..1]
+ childPackageTypeCode: PackageTypeCode [0..1]
+ quantityOfChildren: positiveInteger [0..1]

maintenance
Change: (Verified) 3.1 added association to ReturnablePackaging (WR 12-199)

Changes	BMS Doc Version

class ReturnablePackaging - maintenance view

ReturnablePackaging

+ packagingQuantity: positiveInteger
+ currentHolderRegistration: Identifier [0..1]
+ newHolderRegistration: Identifier [0..1]
+ packagingConditionCode: PackagingConditionCode [0..1]

maintenance
Change: (Verified) 3.1 existing association to ReturnableAssetIdentification 1..1 ==> 0..1 (WR 12-199)
Change: (Verified) 3.1 added association +individualReturnableAssetIdentification (WR 12-199)
Change: (Verified) 3.1 added packagingConditionCode (BRAD WIO-ecom-2)

class TransactionalTradeItem - maintenance view

TransactionalTradeItem

+ tradeItemQuantity: Quantity [0..1]
+ tradeItemDescription: Description200 [0..1]
+ productVariantIdentifier: string [0..1] = {1..80}

maintenance
Change: (Verified) 3.1 added productVariant (BRAD WIO-ecom-3)

class LogisticService - Maintenance View

LogisticService

+ logisticServiceRequirementCode: LogisticServiceRequirementCode
+ cashOnDeliveryAmount: Amount [0..1]
+ insuranceValue: Amount [0..1]
+ logisticServiceChargeAmount: Amount [0..1]

maintenance
Change: (Verified) 3.1 / Post POC1: added cashOnDeliveryPayer and cashOnDeliveryBillTo

class InventorySubLocation - Maintenance

InventorySubLocation

+ gln: GLN [0..1]
+ glnExtension: string [0..1] = {1..20}
+ additionalPartyIdentification: AdditionalPartyIdentification [0..*]
+ inventorySubLocationTypeCode: InventorySubLocationTypeCode [0..1]
+ inventorySubLocationFunctionCode: InventorySubLocationFunctionCode [0..*]

maintenance
Change: (Verified) 3.1 new class (BRAD WIO and WIM)
Defect: (Verified) post POC: renamed SubLocationIdentification into glnExtension, made length 20.
Defect: (Verified) post POC1: changed sequence of attributes, made typeCode optional

Changes	BMS Doc Version
class ShipmentTransportationInformation - maintenance view « » **ShipmentTransportationInformation** + handlingInstructionCode: HandlingInstructionCode [0..*] + transportMeansType: TransportMeansTypeCode [0..1] + transportServiceCategoryType: TransportServiceCategoryCode [0..1] + transportServiceLevelCode : TransportServiceLevelCode [0..1] **maintenance** Change: (New) 3.1: added freightForwarder (BRAD WIO)	