



Business Message Standard (BMS) Warehousing Outbound Instruction and Notification

BMS Release 3.1

1-May-2013, Issue 1



Document Summary

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|----------------------|---|
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|--|-------------|--------------|
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| | | |

Document Change History

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| 1-May-2013 | BMS 3.1 - Issue 1 | Coen Janssen | Publication of BMS 3.1 | First release of this standard |

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1. Business Domain View

1.1. Problem Statement / Business Need

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

1.2. Objective

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

- Warehousing Outbound Instruction – Message that supports the warehouse outbound process, and enables a Logistic Services Client (LSC) to inform his Logistic Services Provider (LSP) that goods need to be shipped.
- Warehousing Outbound Notification – Message that supports the warehouse outbound process, and enables a Logistic Services Provider (LSP) to inform his Logistic Services Client (LSC) on the status of goods shipped on behalf of the client.

1.3. Audience

This document is intended for anyone interested in implementing the GS1 eCom standards for Transport and Logistics.

1.4. References

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

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

[BMS_Shared] BMS Shared Common Library, 3.1, GS1 2012

[BMS_eCom] BMS eCom Common Library, 3.1, GS1 2012

[BMS_Warehousing] BMS Warehousing Common Library, 3.1, 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 | Jaco Voorspuij | DHL |
| Co-Chair | Fred Kempkes | Unilever |
| Member | Andrew Jones | General Mills, Inc. |
| Member | Bonnie Ryan | GS1 Australia |
| Member | Kurt Herregodts | GS1 Belgium & Luxembourg |

| Function | Name | Company / organisation |
|----------|------------------------|--------------------------|
| Member | Roman Strand | GS1 Germany |
| Member | Mia Lenman | GS1 Sweden |
| Member | Shan Welch | GS1 UK |
| Member | Geert Simmer | GSPRO |
| Member | Dr. Karlheinz Mevissen | HAVI Logistics |
| Member | Robin Kidd | Nestle |
| Member | Mandeep Sodhi | Nestle |
| Member | Marc Cox | Philips Electronics N.V. |
| Member | Nitin Vidwans | Walmart Stores, Inc. |

1.5.2. Development Team Members

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

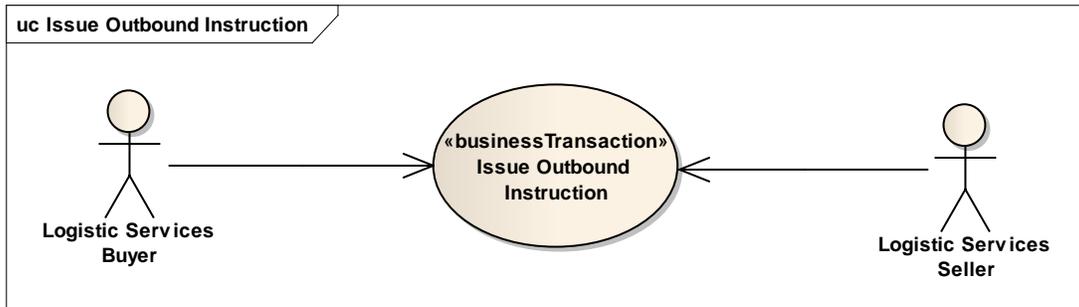
2. Business Context

| Context Category | Value(s) |
|----------------------|-----------------------------------|
| Industry | All |
| Geopolitical | All |
| Product | All |
| Process | Warehousing – Outbound Operations |
| System Capabilities | GS1 System |
| Official Constraints | None |

3. Business Transaction View

3.1. Business Transaction – Issue Outbound Instruction

Use case diagram



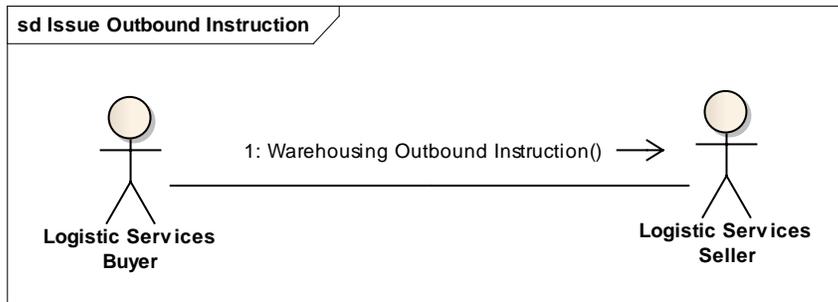
Use case description

| Use Case Description | |
|--------------------------------|--|
| Use Case Name | Issue Warehousing Outbound Instruction |
| Use Case Description | The Logistic Services Buyer (LSB) informs the Logistic Services Seller (LSS) that a shipment needs to be prepared. |
| Actors (Goal) | Logistic Services Buyer (LSB) Logistic Services Seller (LSS) |
| Performance Goals | Not applicable |
| Preconditions | Item master data of the goods to be shipped have been communicated to the Logistic Services Seller. |
| Post conditions | The Logistic Services Seller has been informed on the goods to be shipped. |
| Main Scenario | <ul style="list-style-type: none"> ■ LSB generates the Warehousing Outbound Instruction from his (enterprise resource planning) system. ■ LSB sends the Warehousing Outbound Instruction to the LSS. ■ LSS receives the Warehousing Outbound Instruction. ■ LSS processes the Warehousing Outbound Instruction in his (warehouse management) system. |
| Alternative Scenario(s) | <u><<scenario name>></u> steps |
| Related Requirements | |
| Related Rules | |

Activity diagram

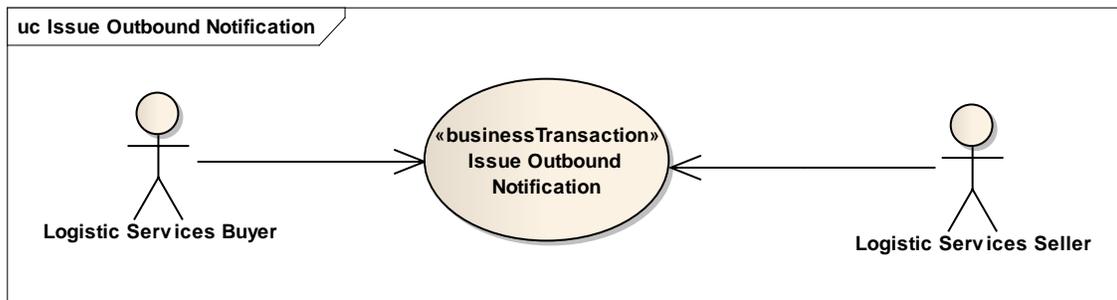
Not applicable

Communication diagram



3.2. Business Transaction – Issue Outbound Notification

Use case diagram



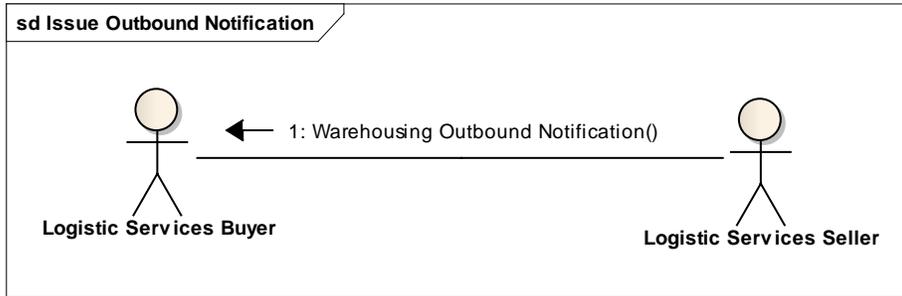
Use case description

| Use Case Name | Issue Warehousing Outbound Notification |
|-------------------------|--|
| Use Case Description | The Logistic Services Seller (LSS) informs the Logistic Services Buyer (LSB) on the status of an outbound shipment that will be / has been prepared. |
| Actors (Goal) | Logistic Services Buyer (LSB) Logistic Services Seller (LSS) |
| Performance Goals | Not applicable |
| Preconditions | <ul style="list-style-type: none"> The Logistic Services Seller has been informed on the goods to be shipped. |
| Post conditions | The Logistic Services Buyer has been informed on the status of the outbound shipment. |
| Main Scenario | <ul style="list-style-type: none"> LSS generates the Warehousing Outbound Notification from his (warehouse management) system. LSS sends the Warehousing Outbound Notification to the LSB. LSB receives the Warehousing Outbound Notification. LSB processes the Warehousing Outbound Notification in his (enterprise resource planning) system. |
| Alternative Scenario(s) | Not applicable |
| Related Requirements | |
| Related Rules | |

Activity diagram

Not applicable

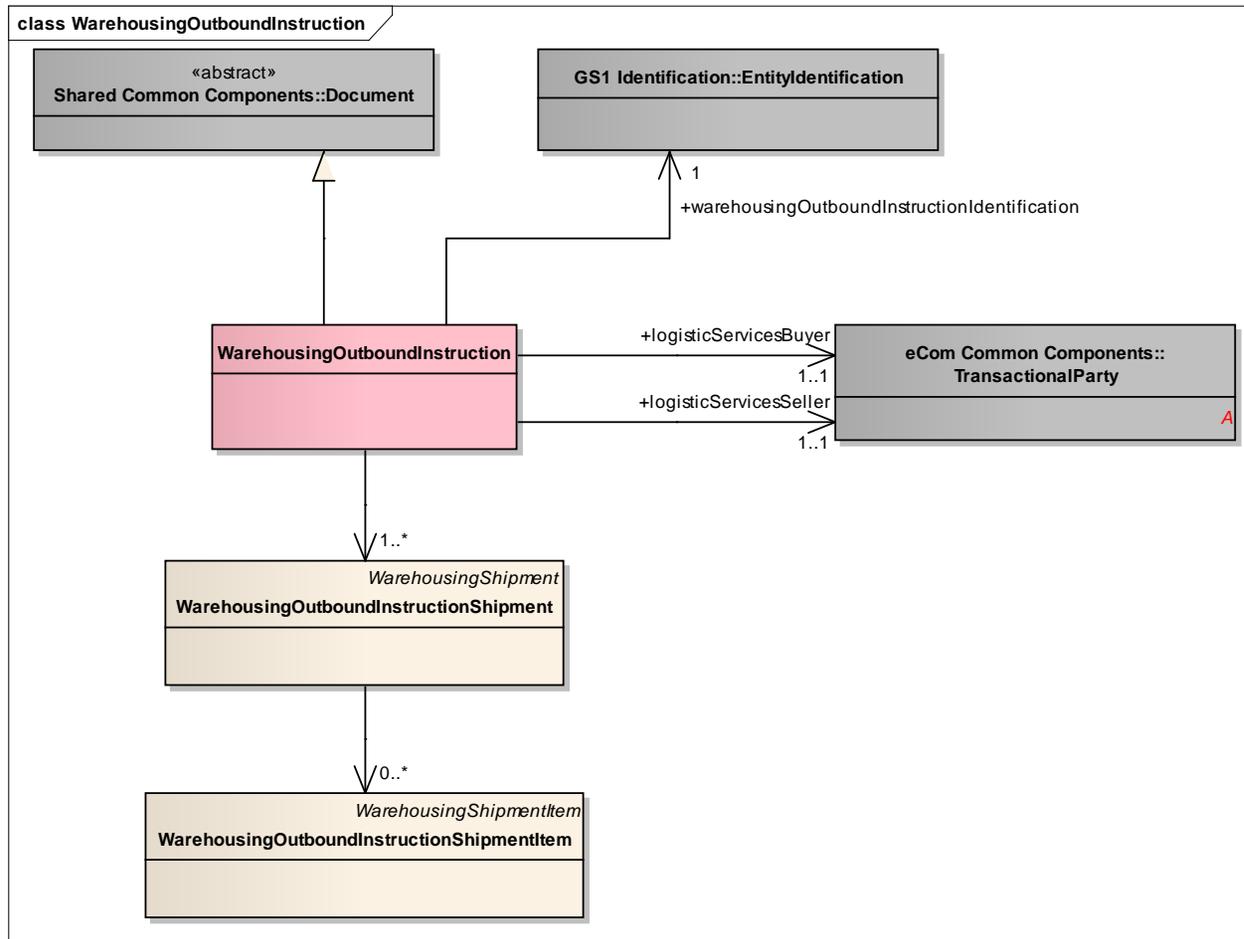
Communication diagram



4. Business Information View

4.1. Warehousing Outbound Instruction

Class Diagram

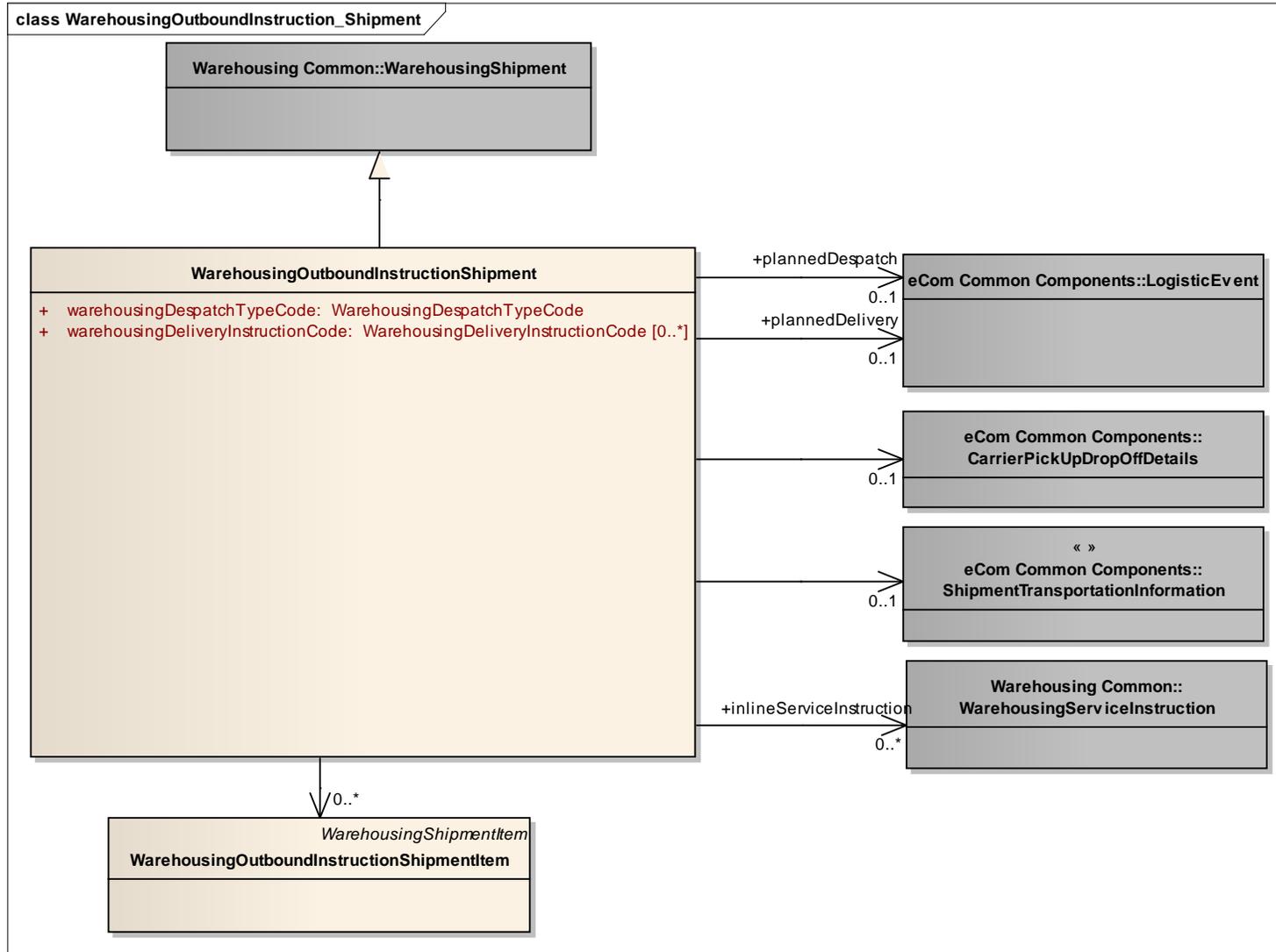


GDD Report

| Content | Attribute / Role | Datatype /Secondary class | Multiplcity | Definition | Requirements |
|--|--|--|-------------|--|-----------------------|
| WarehousingOutbound Instruction | | | | | |
| Association | warehousingOutboundInstructionIdentification | EntityIdentification | 1 | The identification of the warehousing outbound instruction document. | [brad-whiop:insdes-1] |
| Association | | WarehousingOutboundInstructionShipment | 1..* | Information on the shipments that need to be prepared by the logistics services seller. | |
| Generalization | | Document | | Used to specify basic information about the content of the message including version number, creation date and time. | [brad-whiop:insdes-1] |
| Association | logisticServicesSeller | TransactionalParty | 1..1 | A party that provides logistics services to another party. | [brad-whiop:insdes-3] |
| Association | logisticServicesBuyer | TransactionalParty | 1..1 | A party that purchases logistics services from another party. | [brad-whiop:insdes-2] |

4.2. Warehousing Outbound Instruction – Shipment

Class Diagram

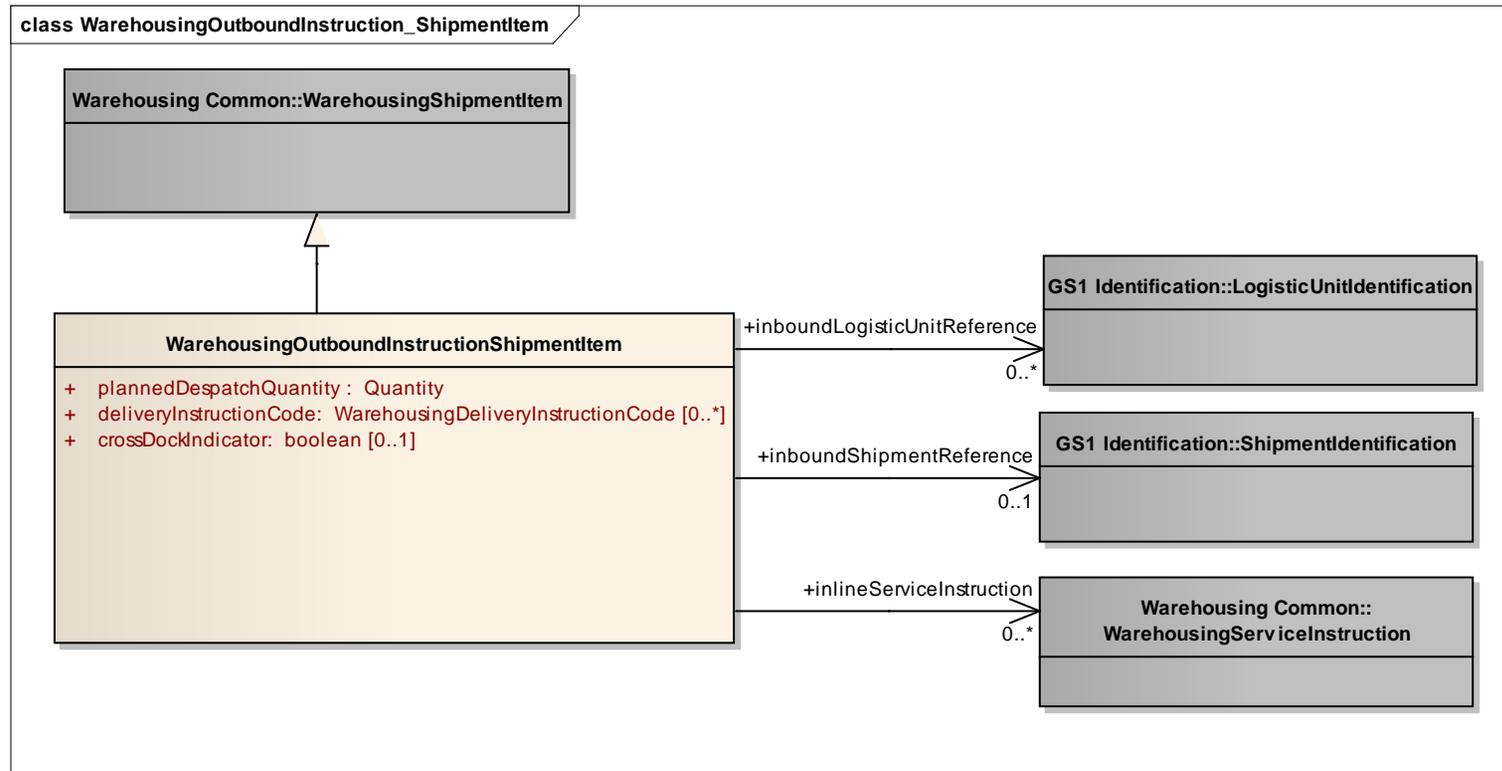


GDD Report

| Content | Attribute / Role | Datatype /Secondary class | Multiplcity | Definition | Requirements |
|--|--|--|-------------|---|---|
| WarehousingOutbound InstructionShipment | | | | A shipment is an identifiable collection of one or more Trade Items available to be transported together from the shipper (Original Consignor/Shipper), to the receiver (Final/Ultimate Consignee). | [brad-whiop:insdes-4] |
| Association | | WarehousingOutboundInstru ctionShipmentItem | 0..* | Details on the items that need to be shipped. | |
| Association | inlineServiceInstru ction | WarehousingServiceInstru ction | 0..* | Details on one or more services to be performed by the logistic services seller during outbound processing. | [brad-whiop:insdes-4.7] |
| Association | | ShipmentTransportationInf ormation | 0..1 | Instructions on the way the shipment needs to be transported. | [brad-whiop:insdes-4.5] |
| Association | plannedDespatch | LogisticEvent | 0..1 | Details on the date and time the goods need to be despatched. | [brad-whiop:insdes-4.2] |
| Generalization | | WarehousingShipment | | | |
| Association | | CarrierPickUpDropOffDetail s | 0..1 | Details on the carrier that will deliver the goods. | [brad-whiop:insdes-4.6] |
| Association | plannedDelivery | LogisticEvent | 0..1 | Details on the date and time the goods need to be delivered. | [brad-whiop:insdes-4.1] |
| Attribute | warehousingDespatchType Code | WarehousingDespatchTyp eCode | 1..1 | Code specifying the type of despatch for the shipment, for example picked from stock or cross-docked. | [brad-whiop:insdes-4.3] |
| Attribute | warehousingDeliveryInstru ctionCode | WarehousingDeliveryInstru ctionCode | 0..* | Code specifying special order / delivery conditions. | [brad-whiop:insdes-4.4] perhaps reuse some values of OrderInstructionCode |

4.3. Warehousing Outbound Instruction – Shipment Item

Class Diagram



GDD Report

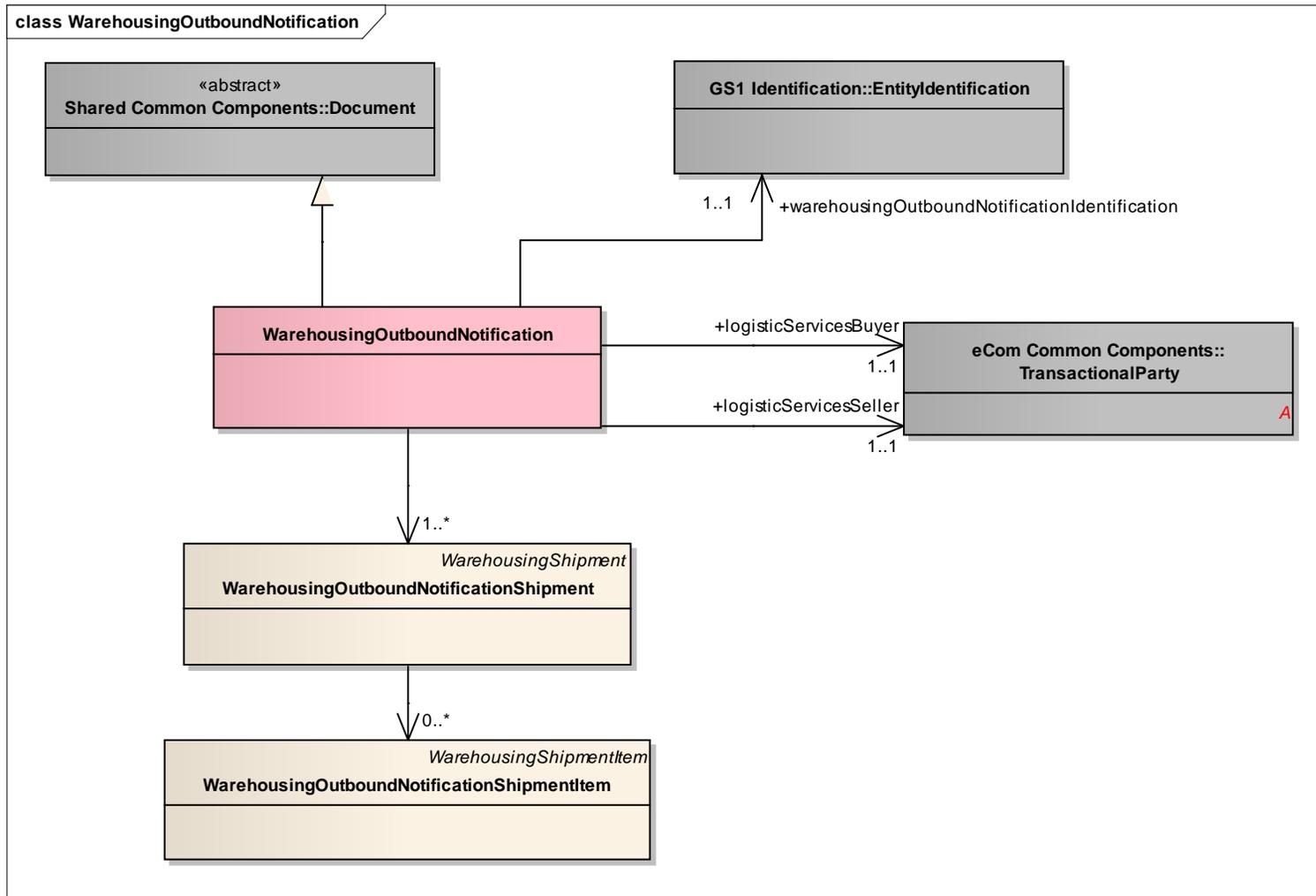
| Content | Attribute / Role | Datatype /Secondary class | Multipli city | Definition | Requirements |
|--|--------------------------|---------------------------|---------------|---|-------------------------|
| WarehousingOutbound InstructionShipmentItem | | | | A shipment item is collection of trade items and related logistic units that can each be identified (uniquely) within a shipment. | [brad-whiop:insdes-5] |
| Association | inboundShipmentReference | ShipmentIdentification | 0..1 | | [brad-whiop:insdes-5.4] |
| Association | inlineServiceInstruction | WarehousingServiceInstruc | 0..* | | [brad-whiop:insdes-5.6] |



| Content | Attribute / Role | Datatype /Secondary class | Multipli city | Definition | Requirements |
|-------------------------|----------------------------------|--|---------------|---|---|
| | | tion | | | |
| Association | inboundLogisticUnitReferenc e | LogisticUnitIdentification | 0..* | | [brad-whiop:insdes-5.5] |
| Generalization | | WarehousingShipmentItem | | | |
| Attribute | plannedDespatchQuantity | Quantity | 1..1 | The quantity that is ordered / planned to be despatched. | |
| [brad-whiop:insdes-5.1] | | | | | |
| Attribute | deliveryInstructionCode | WarehousingDeliveryInstru ctionCode | 0..* | Code specifying special order / delivery conditions. | [brad-whiop:insdes-5.2] perhaps reuse some values of OrderInstructionCode |
| Attribute | crossDockIndicator | boolean | 0..1 | | |

4.4. Warehousing Outbound Notification

Class Diagram

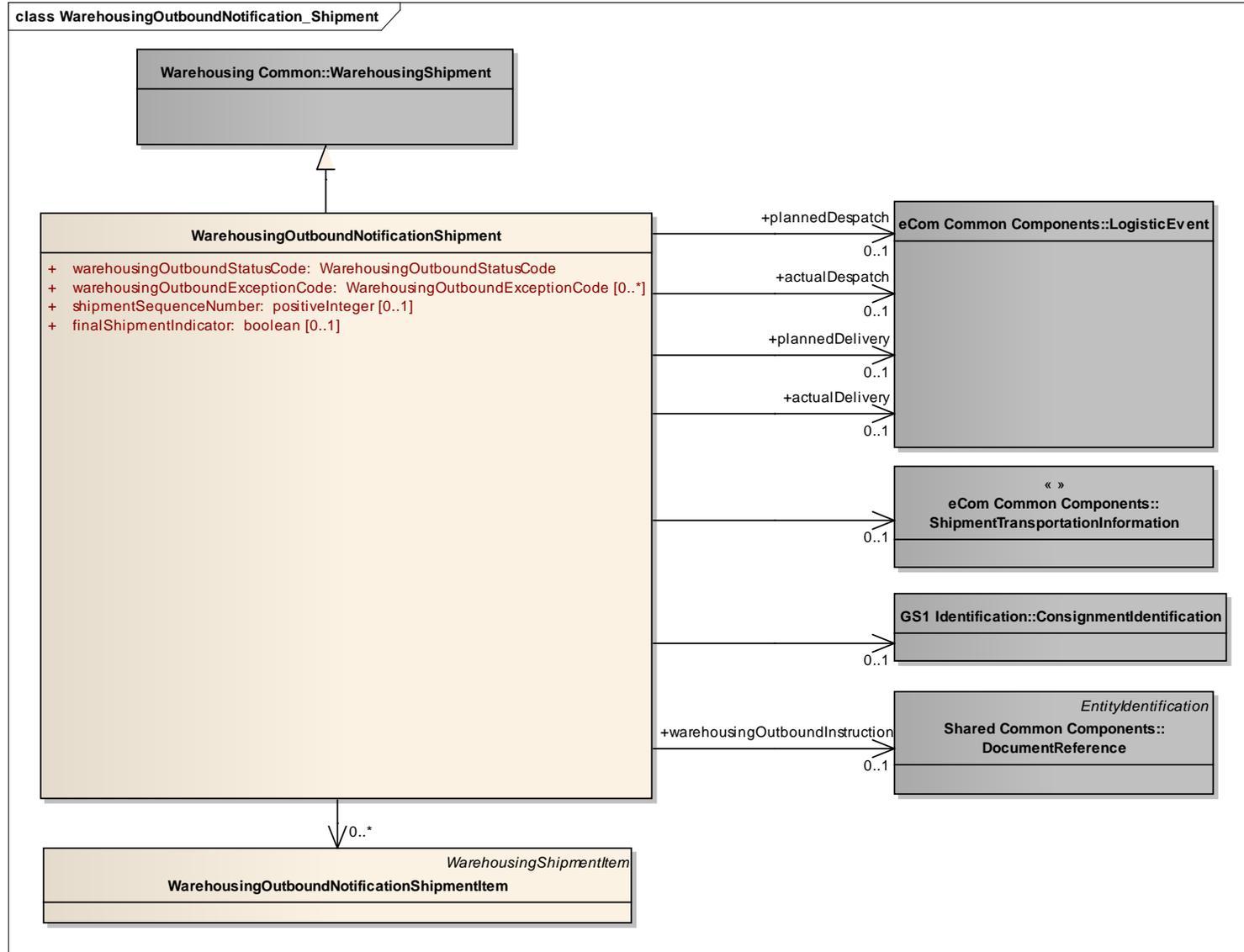


GDD Report

| Content | Attribute / Role | Datatype /Secondary class | Multiplcity | Definition | Requirements |
|---|---|---|-------------|--|----------------------|
| WarehousingOutbound Notification | | | | | |
| Association | | WarehousingOutboundNotificationShipment | 1..* | Status information on the shipments that have been shipped or are expected to be shipped. | |
| Association | logisticServicesSeller | TransactionalParty | 1..1 | A party that provides logistics services to another party. | [brad-whiop:obsta-3] |
| Association | logisticServicesBuyer | TransactionalParty | 1..1 | A party that purchases logistics services from another party. | [brad-whiop:obsta-2] |
| Association | warehousingOutboundNotificationIdentification | EntityIdentification | 1..1 | The identification of the warehousing outbound notification document. | [brad-whiop:obsta-1] |
| Generalization | | Document | | Used to specify basic information about the content of the message including version number, creation date and time. | [brad-whiop:obsta-1] |

4.5. Warehousing Outbound Notification – Shipment

Class Diagram



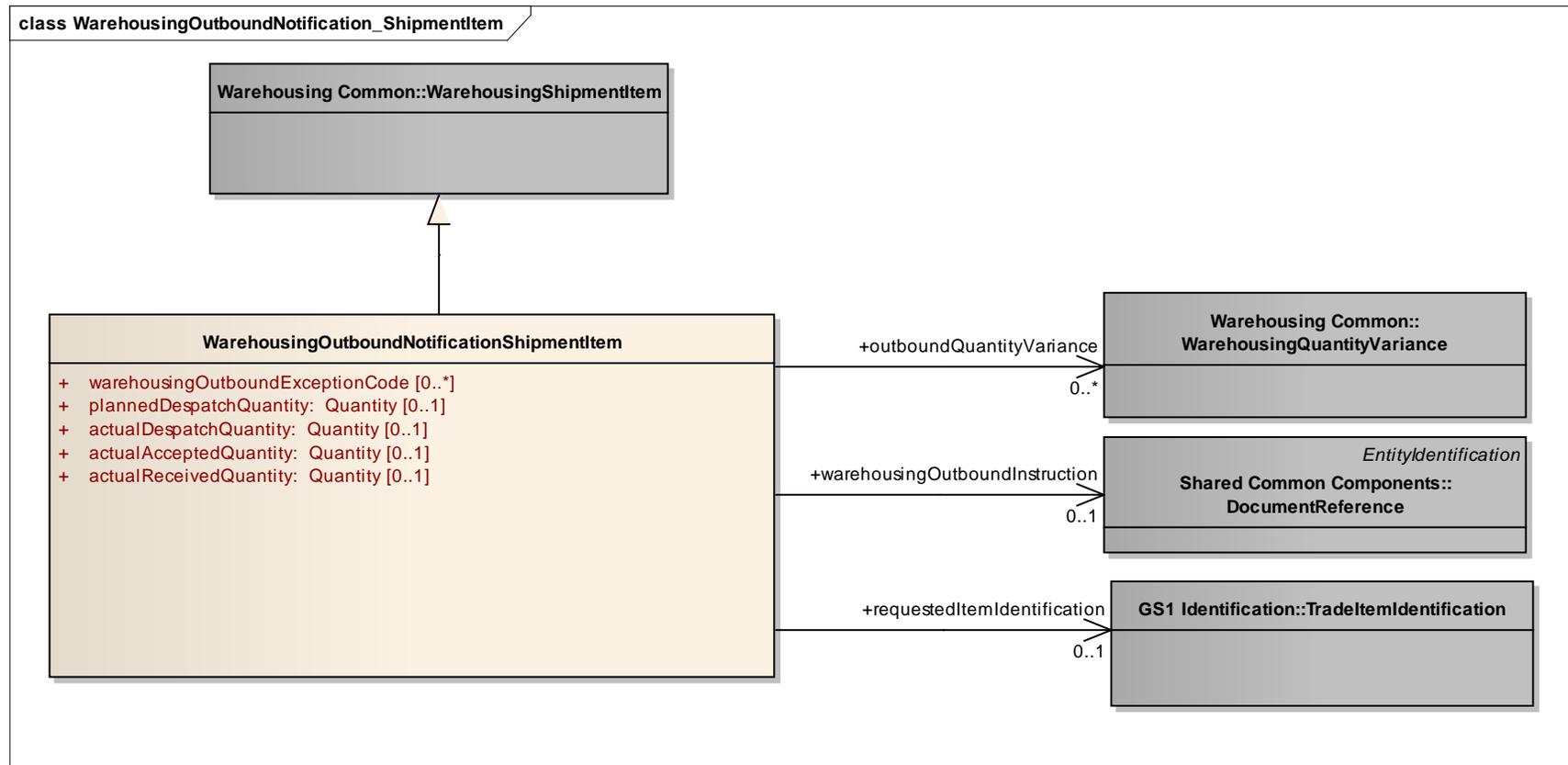
GDD Report

| Content | Attribute / Role | Datatype /Secondary class | Multiplcity | Definition | Requirements |
|---|----------------------------------|---|-------------|---|---------------------------|
| WarehousingOutbound NotificationShipment | | | | A shipment is an identifiable collection of one or more Trade Items available to be transported together from the shipper (Original Consignor/Shipper), to the receiver (Final/Ultimate Consignee). | [brad-whiop:obsta-4] |
| Association | | WarehousingOutboundNotificationShipmentItem | 0..* | Details on the items contained in the shipment. | |
| Association | plannedDespatch | LogisticEvent | 0..1 | Details on the date and time the goods were planned to be despatched. | [brad-whiop:obsta-4.4] |
| Generalization | | WarehousingShipment | | | |
| Association | | ConsignmentIdentification | 0..1 | Identification of the consignment that contains the shipment. | [brad-whiop:obsta-4.10.2] |
| Association | | ShipmentTransportationInformation | 0..1 | Information on the way the shipment was transported. | [brad-whiop:obsta-4.10.1] |
| Association | actualDelivery | LogisticEvent | 0..1 | Details on the date and time the goods were actually delivered. | [brad-whiop:obsta-4.7] |
| Association | plannedDelivery | LogisticEvent | 0..1 | Details on the date and time the goods were planned to be delivered. | [brad-whiop:obsta-4.6] |
| Association | actualDespatch | LogisticEvent | 0..1 | Details on the date and time the goods were actually despatched. | [brad-whiop:obsta-4.5] |
| Association | warehousingOutboundInstruction | DocumentReference | 0..1 | A reference to the related outbound instruction. | |
| Attribute | warehousingOutboundStatusCode | WarehousingOutboundStatusCode | 1..1 | Code specifying the status of the outbound delivery. | [brad_wio:ibsta-4.2] |
| Attribute | warehousingOutboundExceptionCode | WarehousingOutboundExceptionCode | 0..* | Codes specifying an exception that occurred during the outbound process. | [brad_wio:ibsta-4.3] |
| Attribute | shipmentSequenceNumber | positiveInteger | 0..1 | A number indicating the sequence in which shipments related to the same delivery were despatched. | |
| Attribute | finalShipmentIndicator | boolean | 0..1 | Indicator specifying if a shipment, being one of | |

| Content | Attribute / Role | Datatype /Secondary class | Multiplcity | Definition | Requirements |
|---------|------------------|---------------------------|-------------|---|--------------|
| | | | | multiple shipments for the same delivery, is the final shipment. See also shipmentSequenceNumber. | |

4.6. Warehousing Outbound Notification – Shipment Item

Class Diagram

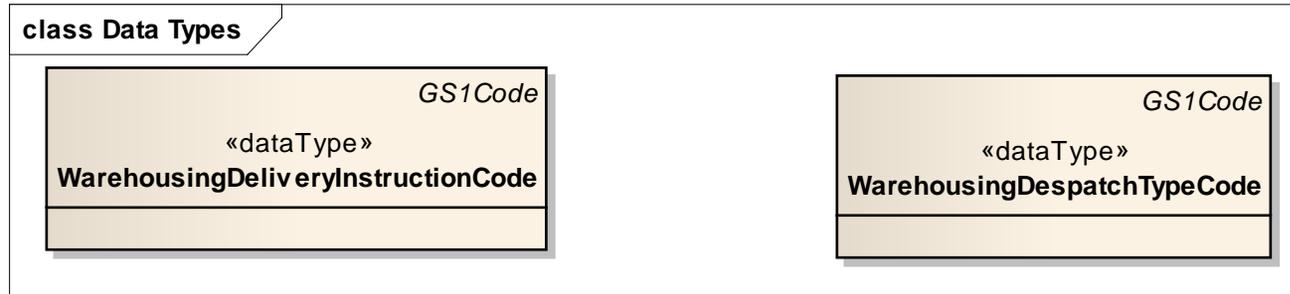


GDD Report

| Content | Attribute / Role | Datatype /Secondary class | Multiplcity | Definition | Requirements |
|---|----------------------------------|-----------------------------|-------------|---|------------------------|
| WarehousingOutbound NotificationShipmentItem | | | | A shipment item is collection of trade items and related logistic units that can each be identified (uniquely) within a shipment. | [brad-whiop:obsta-5] |
| Association | warehousingOutboundInstruction | DocumentReference | 0..1 | A reference to the related line item in the outbound instruction. | |
| Association | requestedItemIdentification | TradeItemIdentification | 0..1 | The identification of the trade item that was requested to be delivered, but was replaced with another trade item. | |
| Generalization | | WarehousingShipmentItem | | | |
| Association | outboundQuantityVariance | WarehousingQuantityVariance | 0..* | Quantity and reason of a shortage or surplus occurring in a warehousing process. | [brad-whiop:obsta-5.7] |
| Attribute | warehousingOutboundExceptionCode | | 0..* | Codes specifying an exception that occurred during the outbound process. | [brad_wio:obsta-5.2] |
| Attribute | plannedDespatchQuantity | Quantity | 0..1 | The number of items that were planned to be despatched. | [brad_wio:obsta-5.3] |
| Attribute | actualDespatchQuantity | Quantity | 0..1 | The number of items that were despatched. | [brad_wio:obsta-5.4] |
| Attribute | actualAcceptedQuantity | Quantity | 0..1 | The number of items that were accepted by the receiver. | [brad_wio:obsta-5.5] |
| Attribute | actualReceivedQuantity | Quantity | 0..1 | The number of items that were received by the receiver. | [brad_wio:obsta-5.6] |

4.7. Warehousing Outbound Instruction - Data Types

Class Diagram

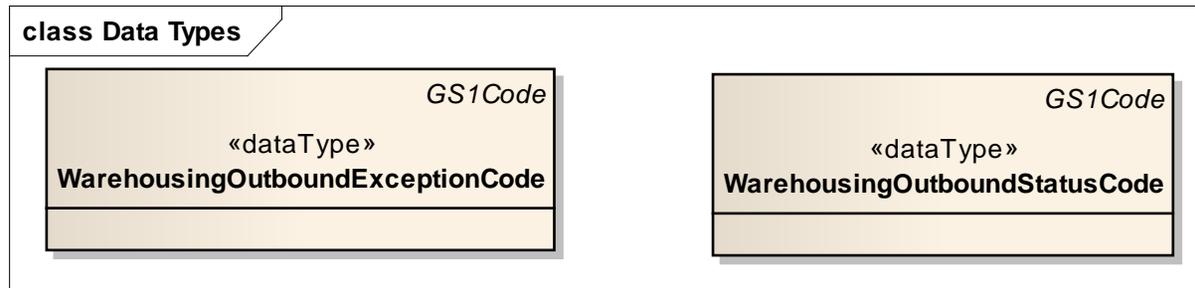


GDD Report

| Content | Attribute / Role | Datatype /Secondary class | Multiplcity | Definition | Requirements |
|---|------------------|---------------------------|-------------|------------|--------------|
| WarehousingDeliveryInstructionCode | | | | | |
| Generalization | | GS1Code | | | |
| WarehousingDespatchTypeCode | | | | | |
| Generalization | | GS1Code | | | |

4.8. Warehousing Outbound Notification - Data Types

Class Diagram



GDD Report

| Content | Attribute / Role | Datatype /Secondary class | Multipli city | Definition | Requirements |
|----------------------------------|------------------|---------------------------|---------------|------------|--------------|
| WarehousingOutboundExceptionCode | | | | | |
| Generalization | | GS1Code | | | |
| WarehousingOutboundStatusCode | | | | | |
| Generalization | | GS1Code | | | |

4.9. Enumerations (message specific)

Not applicable

4.10. External Code Lists

| Codelist | Referenced in |
|----------|---------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |

4.10.1. Warehousing Outbound Status Code

| | |
|------------------------------|---|
| GS1 Code List | urn:gs1:gdd:cl: WarehousingOutboundStatusCode |
| GS1 Code List Version | 1 (March 2013) |
| Managing Agency | GS1 |
| Based on Code List | Not applicable |
| Type Of Management | Not applicable |

| Code Value | Code Name | Code Definition |
|----------------------------------|-----------|--|
| INSTRUCTION_RECEIVED | | The outbound instruction has been received. |
| DELIVERY_SLOT_NEGOTIATED | | A delivery slot has been negotiated with the receiver by the logistic services seller. |
| TRANSPORT_PLANNED | | The transport has been planned by the logistic services seller |
| STOCK_ALLOCATED | | The stock has been allocated in the warehouse management system. |
| PICKING_STARTED | | Picking of the goods is in progress. |
| PRODUCT_PACKED | | Product has been packed. |
| READY_TO_SHIP | | Goods are ready for transport. |
| GOODS_LOADED | | The goods have been loaded onto the transport means. |
| TRANSPORT_AUTHORIZATION_REQUIRED | | Logistic services seller needs a transport authorization from the shipper. |
| SHIPPING_DOCUMENTATION_NEEDED | | Logistic services seller needs shipping documentation from the shipper. |
| DESPATCH_CONFIRMED | | A despatch advice has been sent to the party that will be receiving the goods. |

| Code Value | Code Name | Code Definition |
|-------------------------------|-----------|--|
| CONFIRMATION_OF_DELIVERY | | A receiving advice has been received from the party that received the goods. |
| PROOF_OF_DELIVERY | | The official proof-of-delivery is available, for example the party receiving the goods has signed-off the waybill. |
| STOCK_ALLOCATION_UNSUCCESSFUL | | It has been impossible to allocate stock in the warehouse management system. |
| PICKING_UNSUCCESSFUL | | Picking of the goods has failed. |

4.10.2. Warehousing Outbound Exception Code

| | |
|------------------------------|--|
| GS1 Code List | urn:gs1:gdd:cl: WarehousingOutboundExceptionCode |
| GS1 Code List Version | 1 (March 2013) |
| Managing Agency | GS1 |
| Based on Code List | Not applicable |
| Type Of Management | Not applicable |

| Code Value | Code Name | Code Definition |
|---------------------------------|-----------|--|
| SHIPMENT_REFUSED_BY_RECEIVER | | An attempt was made to deliver the goods but the shipment was not accepted. |
| DELIVERY_DELAY_EXPECTED | | The goods are expected to be delivered later than instructed. |
| LATE_DELIVERY | | The goods have been delivered later than instructed |
| DELIVERY_SLOT_MISSED | | Goods have been delivered outside of the instructed delivery slot. |
| DELIVERY_SPLIT | | The instructed delivery has been split into multiple shipments during. |
| SHIPMENT_SPLIT | | The shipment has been split during transport. |
| CANCELLED | | The outbound instruction has been cancelled by the logistic services buyer. |
| UNKNOWN_ITEM_ID | | The item ID in the instruction is not known. |
| INSUFFICIENT_STOCK | | Insufficient stock of a particular product. |
| INSUFFICIENT_STOCK_FOR_BATCH | | Insufficient stock of a product from a particular batch or lot. |
| QUANTITY_ROUNDED | | Delivery quantity has been adjusted for rounding reasons, for example to case level. |
| PRODUCT_DAMAGED_DURING_OUTBOUND | | The product has been damaged during the outbound process and can no longer be delivered. |
| PRODUCT_REFUSED | | An attempt was made to deliver the product but the item was not accepted. |

| Code Value | Code Name | Code Definition |
|----------------|-----------|---|
| ITEM_CANCELLED | | The item has been cancelled by the logistic services buyer. |

4.10.3. Warehousing Delivery Instruction Code

| | |
|------------------------------|---|
| GS1 Code List | urn:gs1:gdd:cl:WarehousingDeliveryInstructionCode |
| GS1 Code List Version | 1 (March 2013) |
| Managing Agency | GS1 |
| Based on Code List | Not applicable |
| Type Of Management | Not applicable |

| Code Value | Code Name | Code Definition |
|--------------------------|-----------|--|
| PRIORITY_DESPATCH | | The instructed delivery is of high priority. |
| REPAIR_DESPATCH | | Instructed delivery is to a party that will repair the items, goods are expected to return after repair. |
| DESTRUCTION_DESPATCH | | Instructed delivery is to a party that will destroy the items. |
| PRODUCTION_LINE_DESPATCH | | Instructed delivery is directly to a production line. |
| COMPLETE_DELIVERY_ONLY | | Splitting of the instructed delivery is not allowed. If used at the <u>header</u> level then the entire delivery must be delivered in one go. If used at the <u>item</u> level then the delivery may be partially shipped but the item mentioned must delivered all at once. |

4.10.4. WarehousingDespatchTypeCode

| | |
|------------------------------|---|
| GS1 Code List | urn:gs1:gdd:cl: WarehousingDespatchTypeCode |
| GS1 Code List Version | 1 (March 2013) |
| Managing Agency | GS1 |
| Based on Code List | Not applicable |
| Type Of Management | Not applicable |

| Code Value | Code Name | Code Definition |
|-----------------------|-----------|---|
| WAREHOUSE_SHIPMENT | | All goods are picked from stock. |
| CROSS-DOCKED_SHIPMENT | | One on one cross-dock of an incoming cross-dock shipment. |



| Code Value | Code Name | Code Definition |
|----------------------------------|-----------|--|
| WAREHOUSE_CROSS-DOCK_COMBINATION | | Combination of goods picked from stock and goods taken from cross-docked receipts. |

5. Business Message Examples

5.1. Warehousing Outbound Instruction

| Element | Value |
|---|---|
| WarehousingOutboundInstruction | creationDateTime: 2012-07-17T12:15:00 documentStatusCode: ORIGINAL documentActionCode: ADD |
| EntityIdentification (+warehousingOutboundInstructionIdentification) | entityIdentification: INSDDES00123 |
| TransactionalParty (+logisticServicesSeller) | gln: 3333333000001 |
| TransactionalParty (+logisticServicesBuyer) | gln: 2222222000004 |
| WarehousingOutboundInstructionShipment (+) | warehousingDespatchTypeCode: WAREHOUSE_SHIPMENT |
| TransactionalParty (+receiver) | gln: 4444444000008 |
| TransactionalParty (+shipper) | gln: 3333333000018 |
| ShipmentTransportationInformation (+) | transportServiceCategoryType: 30 transportServiceLevelCode: STANDARD_SERVICE |
| LogisticEvent (+plannedDelivery) | |
| - DateTimeRange (+logisticEventPeriod) | beginDate: 2012-07-18 beginTime: 15:00:00 endDate: 2012-07-18 endTime: 16:00:00 |
| WarehousingOutboundInstructionShipment Item | lineItemNumber: 1 plannedDespatchQuantity: 30 |
| TransactionalTradeItem (+) | gtin: 01111111000120 |
| WarehousingServiceInstruction (+inlineServiceInstruction) | warehousingServiceConditionCode: BUILD_PALLET |
| WarehousingServiceAttribute (+) | warehousingServiceAttributeTypeCode: PALLET_HEIGHT warehousingServiceAttributeMeasurement: 180 cm |

5.2. Warehousing Outbound Notification

| Element | Value |
|---------------------------------|--|
| WarehousingOutboundNotification | creationDateTime: 2012-07-18T12:15:00 documentStatusCode: ORIGINAL documentActionCode: ADD |

| Element | Value |
|---|--|
| EntityIdentification (+warehousingOutboundNotificationIdentification) | entityIdentification: OBSTA00113 |
| TransactionalParty (+logisticServicesSeller) | gln: 3333333000001 |
| TransactionalParty (+logisticServicesBuyer) | gln: 2222222000004 |
| WarehousingOutboundNotificationShipment | warehousingOutboundStatusCode READY_TO_SHIP |
| TransactionalParty (+receiver) | gln: 4444444000008 |
| TransactionalParty (+shipper) | gln: 3333333000018 |
| ShipmentIdentification (+) | gsin: 33333330000114050 |
| WarehousingOutboundNotificationShipmentItem | lineItemNumber: 1 warehousingOutboundExceptionCode: QUANTITY_ROUNDED plannedDespatchQuantity: 30 actualDespatchQuantity: 32 |
| TransactionalTradeItem (+) | gtin: 01111111000120 |
| WarehousingQuantityVariance (+outboundQuantityVariance) | varianceQuantity: 2 warehousingQuantityVarianceCode: QUANTITY_OVER |
| LogisticUnit | tradeItemQuantity: 16 |
| - LogisticUnitIdentification (+) | sscc: 133333330000003450 |
| LogisticUnit | tradeItemQuantity: 16 |
| - LogisticUnitIdentification (+) | sscc: 133333330000003450 |

5.3. Warehousing Outbound Instruction (complex example)

Logistic Services Buyer 222222 instructs his Logistic Services Seller (333333, the warehouse service provider) that goods need to be shipped and transported as follows:

- By a LSB designated carrier (555555) to an LSB designated freight forwarder (666666).
- Freight forwarder (666666) will transport the goods overseas to a de-consolidation centre (4444444001104) controlled by the customer (4444444).
- From there the customer will arrange transport to the final customer location (4444444002224).

| Element | Value | Comment |
|--|--|---------|
| WarehousingOutboundInstruction | creationDateTime: 2012-07-17T12:15:00 documentStatusCode: ORIGINAL documentActionCode: ADD | |
| EntityIdentification (+warehousingOutboundInstructionIdentification) | entityIdentification: INSDES00123 | |

| Element | Value | Comment |
|--|---|--|
| TransactionalParty (+logisticServicesSeller) | gln: 3333333000001 | The LS SELLER has a single central GLN to identify the single Integration Services Point of Contact for that LSS. |
| TransactionalParty (+logisticServicesBuyer) | gln: 2222222000004 | The LS BUYER has a single central GLN to identify the single Integration Services Point of Contact for that LSB. |
| WarehousingOutboundInstructionShipment (+) | warehousingDespatchType Code: WAREHOUSE_SHIPMENT | |
| TransactionalParty (+receiver) | gln: 4444444000008 | Identifies one of multiple entities within the Customers (Material Buyer) organisation. |
| TransactionalParty (+shipper) | gln: 3333333000018 | Identifies the warehouse from which the LSS is expected to despatch the Order. The LS SELLER may operate many different warehousing sites even multiple different sites for the same LS BUYER. The GLN used to identify the sites are the GLN assigned and owned by the LS SELLER. |
| TransactionalParty (+shipTo) | gln: 4444444001104 | Identifies the facility (de-consolidation centre) where the Customer wants to get the Order delivered to by the forwarder. This GLN is assigned by the Customer who may operate many different facilities each of which (may be) identified with a GLN. The Customer should then also clearly identify/include this GLN in the Order placed on the Material Supplier (the LS BUYER). |
| TransactionalParty (+ultimateConsignee) | gln: 4444444002224 | Identifies the final delivery location for the Order. This GLN is assigned by the Customer (who is ultimately responsible for the delivery to this point). Clearly the Customer should include the appropriate GLN for the ultimateConsignee in the original Order placed on the Material Supplier (the LS BUYER). |
| ShipmentTransportationInformation | | |
| ShipmentTransportationInformation (+) | transportServiceCategoryType: 30 transportServiceLevelCode: STANDARD_SERVICE | |
| TransactionalParty (+carrier) | gln: 5555555000005 | Identifies the specific entity within the Carriers organisation that will be responsible for the physical movement of the Order from the warehouse |
| TransactionalParty (+freightForwarder) | gln: 6666666000002 | Identifies the location of the freight forwarder where the goods need to be dropped-off. |
| LogisticEvent (+plannedDelivery) | | |
| - DateOptionalTime | date: 2012-07-25 | |

| Element | Value | Comment |
|--|--|---------|
| (+logisticEventDateTime) | | |
| WarehousingOutboundInstructionShipmentItem | lineItemNumber: 1 plannedDespatchQuantity: 30 | |
| TransactionalTradeItem (+) | gtin: 01111111000120 | |

6. Implementation Considerations

(Insert Content Here)

7. Appendices

(Insert Content Here)

8. Summary of Changes

8.1. BMS Release 3.1

First release