



The Global Language of Business

Despatch Advice Business Message Standard (BMS)

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1 Business Domain View

1.1 Introduction

Message Definition

The Despatch Advice enables a shipper to provide information about the content of a shipment to a receiver. Usually the Despatch Advice serves as a pre-announcement of the goods being shipped. In a pick-up scenario it may also serve as a pre-announcement of goods to be collected.

Principles

The objective of the Despatch Advice is to facilitate the following processes:

- The receipt of goods
- The replenishment scenario where there is no link to an order, but to a contract or other kind of agreement
- Multiple destination points
- To provide detailed information about the shipment as well as the content of a shipment from a shipper and if applicable the shipper's warehouse to the receiver and his warehouse
- The despatch of goods being returned

Despatch Advice can also be used in a cross-docking delivery by including information in the information about:

- The cross dock and final destination of the delivery
- The requested delivery date/time on the cross dock and final destination

2 Business Context

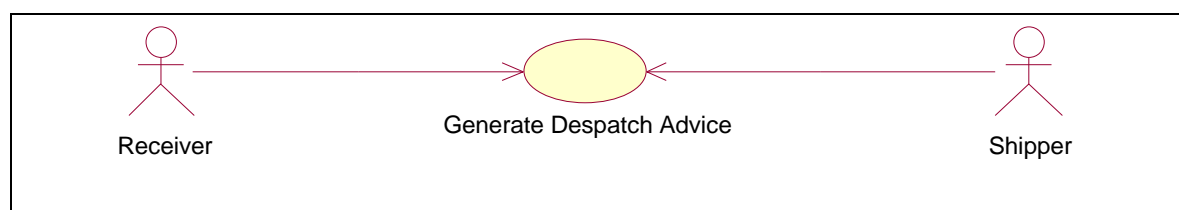
| Context Category | Value(s) |
|----------------------|------------|
| Industry | All |
| Geopolitical | Global |
| Product | All |
| Process | Deliver |
| System Capabilities | GS1 System |
| Official Constraints | None |

3 Business Transaction View

3.1 Business Transaction - Generate Despatch Advice

Use Case Diagram

Figure 3-1 Use Case Generate Despatch Advice

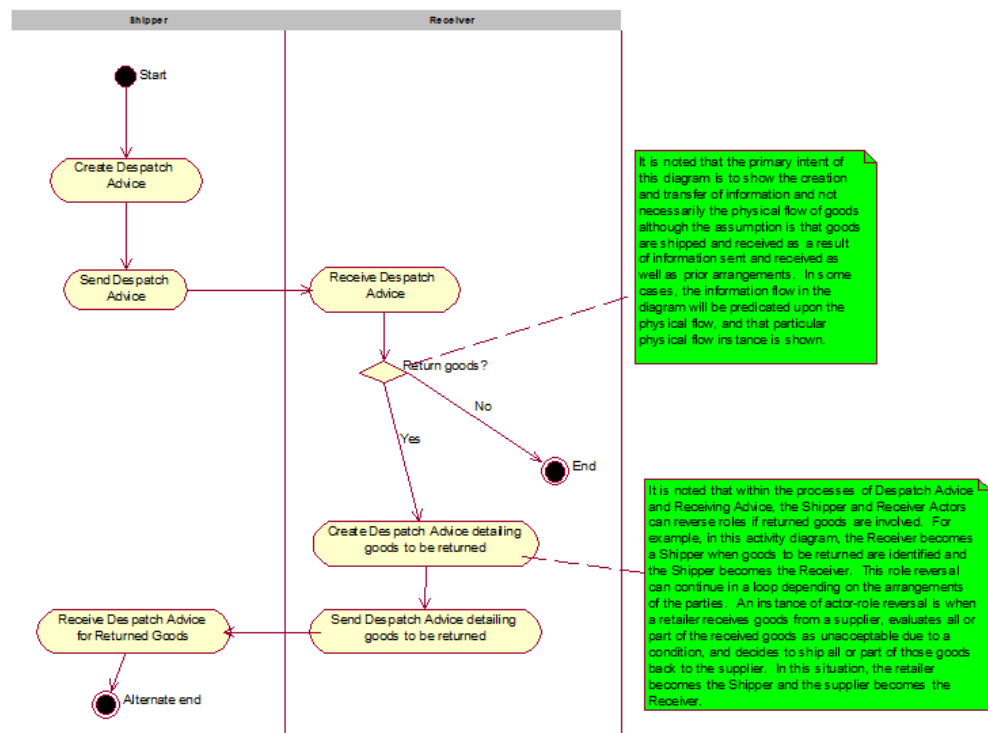


Use Case Description

| Use Case ID | GDA | | | | | | | | | |
|----------------------|--|--|-------|---------------|---|---------|--|---|----------|------------------------------------|
| Use Case Name | Generate Despatch Advice | | | | | | | | | |
| Use Case Description | Describes a complete process whereby a Shipper generates a Despatch Advice based on information about the order and the product. | | | | | | | | | |
| Actors (Goal) | Receiver and Shipper | | | | | | | | | |
| Performance Goals | None | | | | | | | | | |
| Preconditions | Master data alignment of locations (GLNs) and products (GTINs). | | | | | | | | | |
| Post conditions | Check of the received physical goods with the information of the Despatch Advice and the check of the state of the goods themselves. | | | | | | | | | |
| Scenario | <p>Begins when...</p> <p>The Receiver receives a shipment of goods accompanied or preceded by the Despatch Advice or Shipping Documents.</p> <p>Continues with...</p> <table><tr><th>Step #</th><th>Actor</th><th>Activity Step</th></tr><tr><td>1</td><td>Shipper</td><td>Shipper issues the Despatch Advice containing the information of the actual physical shipment.</td></tr><tr><td>2</td><td>Receiver</td><td>Receiver receives Despatch Advice.</td></tr></table> <p>Ends when...</p> <p>If necessary, Receiver creates and sends Despatch Advice to Shipper indicating returned goods. *See role reversal note in activity and sequence diagrams.</p> | Step # | Actor | Activity Step | 1 | Shipper | Shipper issues the Despatch Advice containing the information of the actual physical shipment. | 2 | Receiver | Receiver receives Despatch Advice. |
| Step # | Actor | Activity Step | | | | | | | | |
| 1 | Shipper | Shipper issues the Despatch Advice containing the information of the actual physical shipment. | | | | | | | | |
| 2 | Receiver | Receiver receives Despatch Advice. | | | | | | | | |
| Alternative Scenario | Not Applicable | | | | | | | | | |
| Related Requirements | The Despatch Advice must contain certain information, in line item format, to convey comparative information to the Receiver. The Despatch Advice therefore will provide for the identification of the individual lines within the Despatch Advice by line sequence number. The Despatch Advice may provide for a reference to other related documents, such as the Order, Delivery Note and Consignment. The Despatch Advice may also include a reference to a contract and may include the line sequence numbers from the documents Order, Delivery Note, Consignment and Contract. | | | | | | | | | |
| Related Rules | Not Applicable | | | | | | | | | |

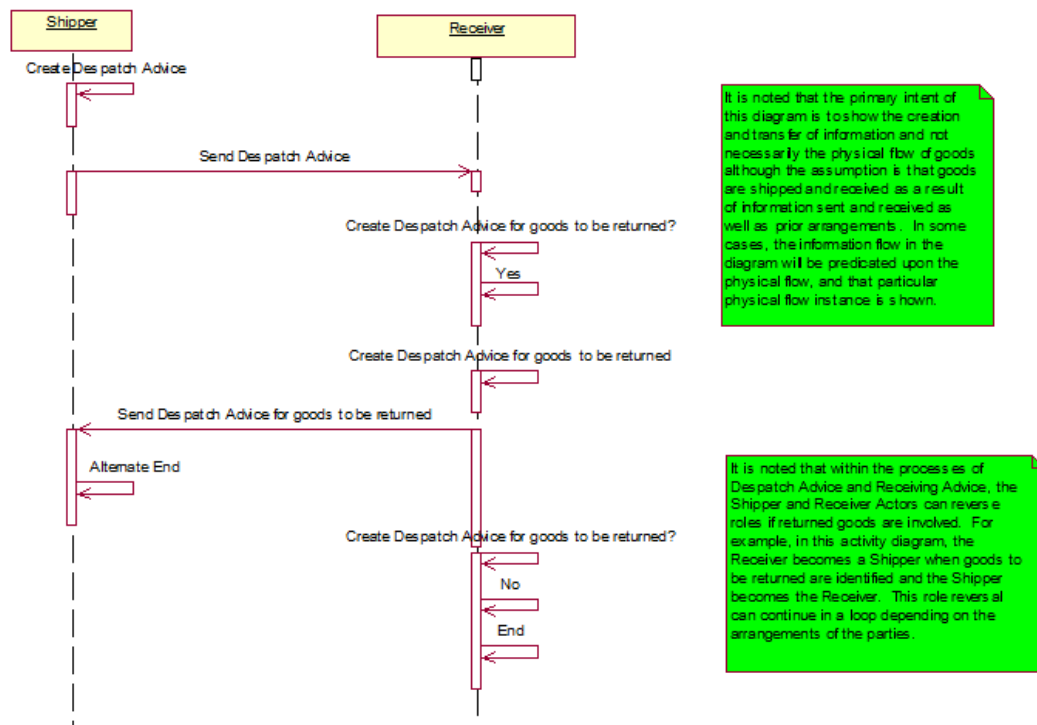
Business Transaction Activity Diagram

Figure 3-2 Activity Diagram Generate Despatch Advice



Business Transaction Sequence Diagram

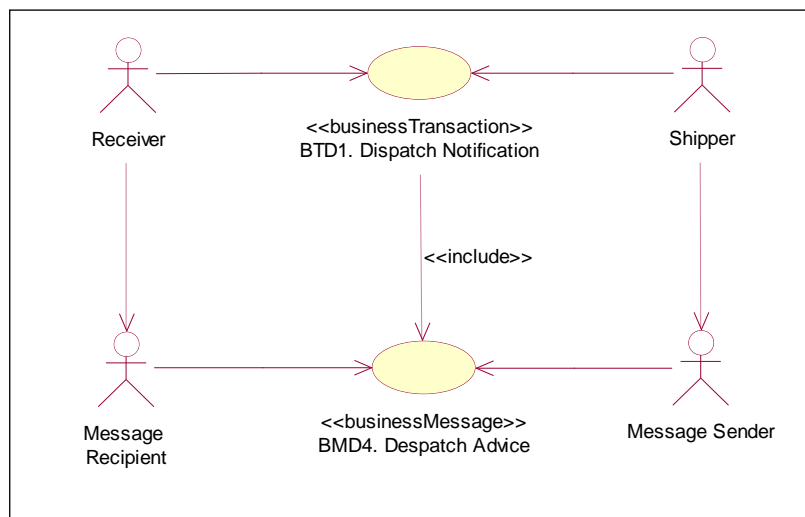
Figure 3-3 Sequence Diagram Generate Despatch Advice



3.2 Business Transaction - Despatch Notification

Use Case Diagram

Figure 3-4 Business Transaction Despatch Notification

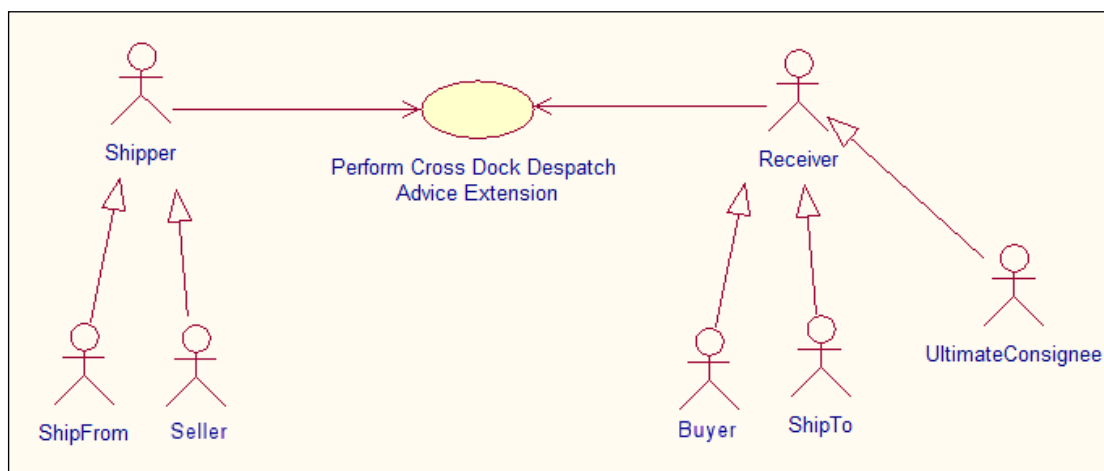


Use Case Description

| | | | | | | | |
|----------------------|---|---|-------|---------------|--|-----------|---|
| | | | | | | | |
| Use Case ID | BTD1 | | | | | | |
| Use Case Name | Dispatch Notification | | | | | | |
| Use Case Description | <p>The Dispatch Notification enables the supplier / carrier to provide detailed information about the content of a shipment and enables a buyer to reconcile or confirm the physical shipment against the order; it provides a mirror of the shipment that is to be made in terms of package details and in terms of structure of the delivery.</p> <p>The Dispatch Notification is sent by the Ship From party to the Ship To party when the goods are sent - goods being sent being considered as in transit.</p> | | | | | | |
| Actors (Goal) | <p>Shipper: To notify the receiver in advance of the contents of a shipment.</p> <p>Receiver: To be informed in advance about the contents of a shipment.</p> | | | | | | |
| Performance Goals | The information must be received prior to the arrival of the actual shipment. | | | | | | |
| | | | | | | | |
| Preconditions | Dispatch Notification to be sent | | | | | | |
| Post conditions | Dispatch Notification received | | | | | | |
| Scenario | <p>Begins when:</p> <p>After the shipment has been picked, packed, labelled and loaded in order to guarantee that the information sent is correct.</p> <p>Continues with:</p> <table><tr><td>Step #</td><td>Actor</td><td>Activity Step</td></tr><tr><td></td><td>Ship From</td><td>Sends Despatch Advice to the Ship To party.</td></tr></table> <p>Ends when: Ship to receives the despatch advice.</p> | Step # | Actor | Activity Step | | Ship From | Sends Despatch Advice to the Ship To party. |
| Step # | Actor | Activity Step | | | | | |
| | Ship From | Sends Despatch Advice to the Ship To party. | | | | | |
| Alternative Scenario | Not Applicable | | | | | | |
| Related Requirements | Not Applicable | | | | | | |
| Related Rules | Not Applicable | | | | | | |

3.3 Business Transaction - Cross Dock Despatch Advice

Use Case Diagram



Use Case Description

| Use Case ID | UC-1 | | | | | | | | | | | | | | | | | | |
|----------------------|---|--|-------|---------------|---|-------------------|---|---|-----------------|--|---|------------------|--|---|-----------------|--|---|--|--|
| Use Case Name | Perform Cross Dock Despatch Advice Process | | | | | | | | | | | | | | | | | | |
| Use Case Description | Cross Dock Despatch Advice Extension | | | | | | | | | | | | | | | | | | |
| Actors (Goal) | Buyer: Party to which merchandise is sold. (i.e. retailer, wholesaler, store). Seller: Party selling merchandise to a buyer. (i.e. supplier, LSP). Shipper: Party from where goods will be or have been shipped. (i.e. supplier, LSP, retailer). Receiver: Party to where goods will be or have been shipped. (i.e. LSP, retailer, store). Ultimate Consignee: Party which is the final destination of where the goods will be or have been shipped to. | | | | | | | | | | | | | | | | | | |
| Performance Goals | To perform and execute the despatch Advice within the specific context of Cross docking. | | | | | | | | | | | | | | | | | | |
| Preconditions | | | | | | | | | | | | | | | | | | | |
| Post conditions | | | | | | | | | | | | | | | | | | | |
| Scenario | <div>Begins when: the Ship From Party closed the doors of the delivery vehicle</div> <table><tr><th>Step</th><th>Actor</th><th>Activity Step</th></tr><tr><td>1</td><td>ShipFrom /Shipper</td><td>Sends Despatch Advice to the ShipToParty on the CrossDock Station</td></tr><tr><td>2</td><td>ShipTo/Receiver</td><td>Receives Despatch Advice from the Ship From part and checks the delivered goods through scanning the SSCCs</td></tr><tr><td>3</td><td>ShipFrom/Shipper</td><td>Picks the goods per final destinations and sends a Despatch Advice to the ShipTo party of the final destination (Ultimate consignee)</td></tr><tr><td>4</td><td>ShipTo/Receiver</td><td>Receives the Despatch Advice from the ShipFrom party and checks the delivered goods.</td></tr><tr><td>5</td><td></td><td></td></tr></table> <div>Ends when... the ShipTo Party/Receiver on the final destination accepts the delivered goods.</div> | Step | Actor | Activity Step | 1 | ShipFrom /Shipper | Sends Despatch Advice to the ShipToParty on the CrossDock Station | 2 | ShipTo/Receiver | Receives Despatch Advice from the Ship From part and checks the delivered goods through scanning the SSCCs | 3 | ShipFrom/Shipper | Picks the goods per final destinations and sends a Despatch Advice to the ShipTo party of the final destination (Ultimate consignee) | 4 | ShipTo/Receiver | Receives the Despatch Advice from the ShipFrom party and checks the delivered goods. | 5 | | |
| Step | Actor | Activity Step | | | | | | | | | | | | | | | | | |
| 1 | ShipFrom /Shipper | Sends Despatch Advice to the ShipToParty on the CrossDock Station | | | | | | | | | | | | | | | | | |
| 2 | ShipTo/Receiver | Receives Despatch Advice from the Ship From part and checks the delivered goods through scanning the SSCCs | | | | | | | | | | | | | | | | | |
| 3 | ShipFrom/Shipper | Picks the goods per final destinations and sends a Despatch Advice to the ShipTo party of the final destination (Ultimate consignee) | | | | | | | | | | | | | | | | | |
| 4 | ShipTo/Receiver | Receives the Despatch Advice from the ShipFrom party and checks the delivered goods. | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | |

| | | |
|----------------------|--|--|
| | | |
| Alternative Scenario | (any alternatives to the above scenario) | |
| Related Requirements | | |
| | 1 | |
| Related Rules | | |
| | 1 | The party which makes the DESADV must make and send the Despatch Advice to the Ship To Party/Receiver after the moment that the doors of the delivery vehicle are closed. |
| | 2 | <p>By a cross dock delivery a Ship From Party/Shipper can send a Despatch Advice per final destination (Ultimate Consignee) or one Despatch Advice with the information for all the final destinations.</p> <p>For example: Delivery of a consignment (more shipments) to a Cross Dock Station. The consignment contains a shipment with 2 pallets for destination A and a shipment with 3 pallets for destination B. The Ship From Party can send 2 separate despatch advice (one for destination A and one for destination B) or only one despatch advice with the information for destination A and destination B).</p> |
| | 3 | If all the information for all the final destinations are sent in the same despatch advice, the message will be structured by final location. |

Business Transaction Activity Diagram

Not Applicable

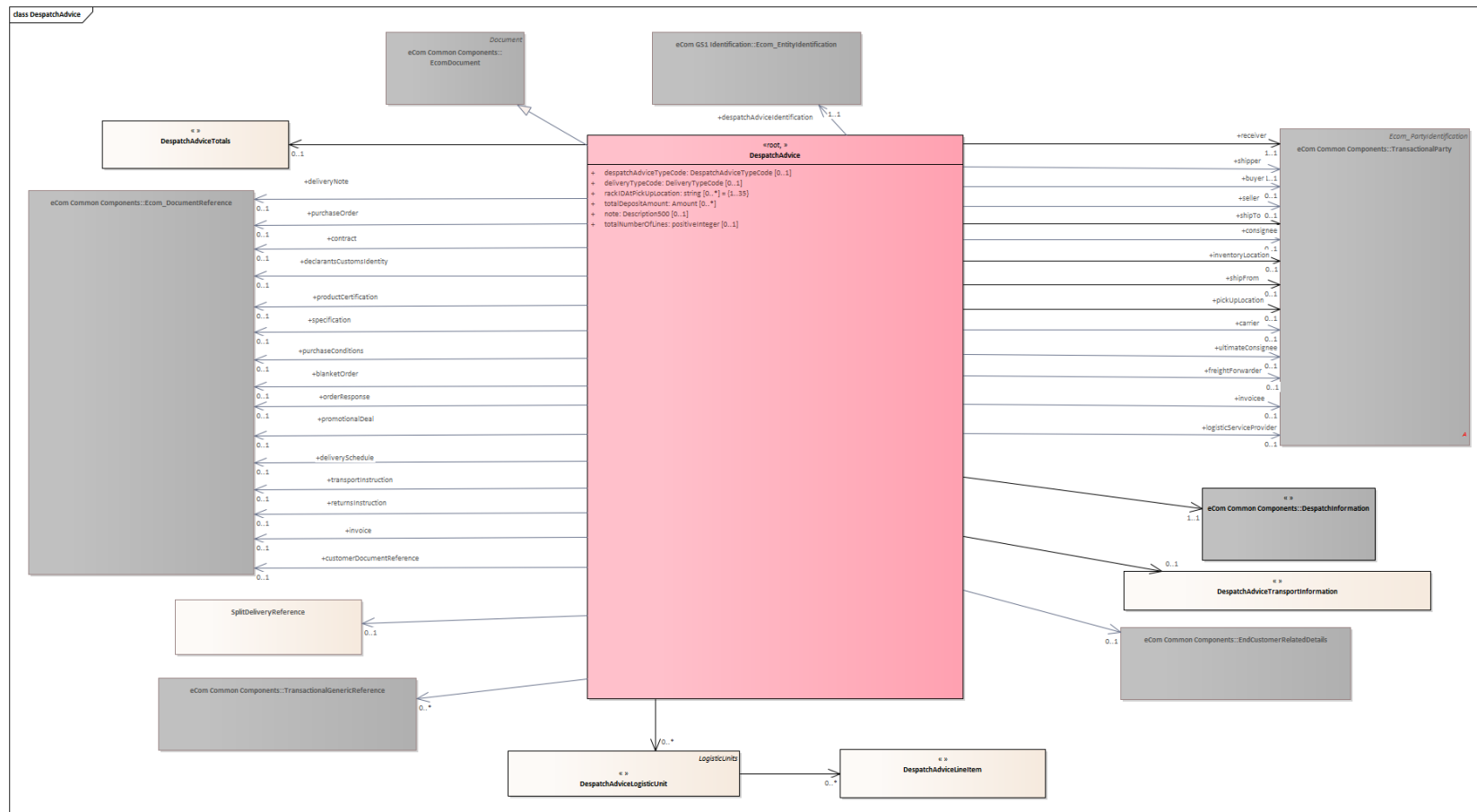
Business Transaction Sequence Diagram

Not Applicable

4 Business Information View

4.1 Despatch Advice

Class diagram



**Report**

The content of the DespatchAdvice class, its structure and component definitions can be accessed in the GS1 Navigator: [Navigator link](#)

| Content | Attribute / Role | Datatype / Secondaryclass | Multiplicity | Definition | Requirements |
|----------------|---------------------------|---------------------------|--------------|--|------------------------------|
| DespatchAdvice | | | | The Despatch Advice enables a shipper to provide information about the content of a shipment to a receiver. Usually the Despatch Advice serves as a pre-announcement of the goods being shipped. In a pick-up scenario it may also serve as a pre-announcement of goods to be collected. | |
| Association | specification | Ecom_DocumentReference | 0..1 | An essential technical requirement for items, materials or services, including the procedures to be used to determine whether the requirement has been met. Specifications may also include requirements for preservation, packaging, packing, and marking. | WR 15-000314 |
| Association | logisticServiceProvider | TransactionalParty | 0..1 | A party providing logistic services - if different from Carrier. | WR 16-000092 |
| Association | ultimateConsignee | TransactionalParty | 0..1 | Identifies the party that is the final destination for the shipment. | |
| Association | purchaseOrder | Ecom_DocumentReference | 0..1 | Reference to the business document that triggered the delivery of the goods. | WR 15-000314 |
| Association | declarantsCustomsIdentity | Ecom_DocumentReference | 0..1 | Reference to the party whose posted bond or security is being declared in order to accept responsibility for a goods declaration and the applicable duties and taxes. | WR 15-000314 |
| Association | returnsInstruction | Ecom_DocumentReference | 0..1 | Reference to a document specifying the instruction for the item's return. | WR 15-000314 WR 16-000090 |
| Association | deliverySchedule | Ecom_DocumentReference | 0..1 | A reference to the Delivery Schedule document. Used for split deliveries of large quantities. | WR 15-000314 WR 16-000086 |
| Association | freightForwarder | TransactionalParty | 0..1 | A party that organises shipment, if different from Carrier and Logistic Service Provider. | WR 16-000094 |



| Content | Attribute / Role | Datatype / Secondaryclass | Multiplicity | Definition | Requirements |
|-------------|----------------------|------------------------------------|--------------|--|------------------------------|
| Association | productCertification | Ecom_DocumentReference | 0..1 | Number assigned by a governing body (or their agents) to a product which certifies compliance with a standard. | WR 15-000314 |
| Association | seller | TransactionalParty | 0..1 | Identifies the party which sells products or services to a buyer. | |
| Association | transportInstruction | Ecom_DocumentReference | 0..1 | Reference to the Transport Instruction document. | WR 15-000314 WR 16-000084 |
| Association | | SplitDeliveryReference | 0..1 | A reference to corresponding Despatch Advice messages. Used mostly for large quantity deliveries with multiple corresponding Despatch Advice messages. | WR 16-000085 |
| Association | shipFrom | TransactionalParty | 0..1 | Identification of the location from where the goods will be or have been shipped. | |
| Association | receiver | TransactionalParty | 1..1 | A party who engages in receiving goods. In a commercial scenario this would be the customer. | |
| Association | pickUpLocation | TransactionalParty | 0..1 | Party where goods are collected or taken over by the carrier (i.e. if other than consignor). | |
| Association | shipper | TransactionalParty | 1..1 | A party who engages in shipping goods. In a commercial scenario this would be the supplier. | |
| Association | | DespatchAdviceLogisticUnit | 0..* | Information on the logistic units contained in the shipment. | |
| Association | inventoryLocation | TransactionalParty | 0..1 | Identification of the location where the goods will be stored. | |
| Association | shipTo | TransactionalParty | 1..1 | Identification of the location to where the goods will be or have been shipped. | |
| Association | Consignee | TransactionalParty | 0..1 | The party receiving a consignment of goods. | WR-20-422 |
| Association | | DespatchInformation | 1..1 | Information with regards to the despatching or shipping of goods. | |
| Association | | DespatchAdviceTransportInformation | 0..1 | Information with regards to the transportation and delivery of the shipment. | |



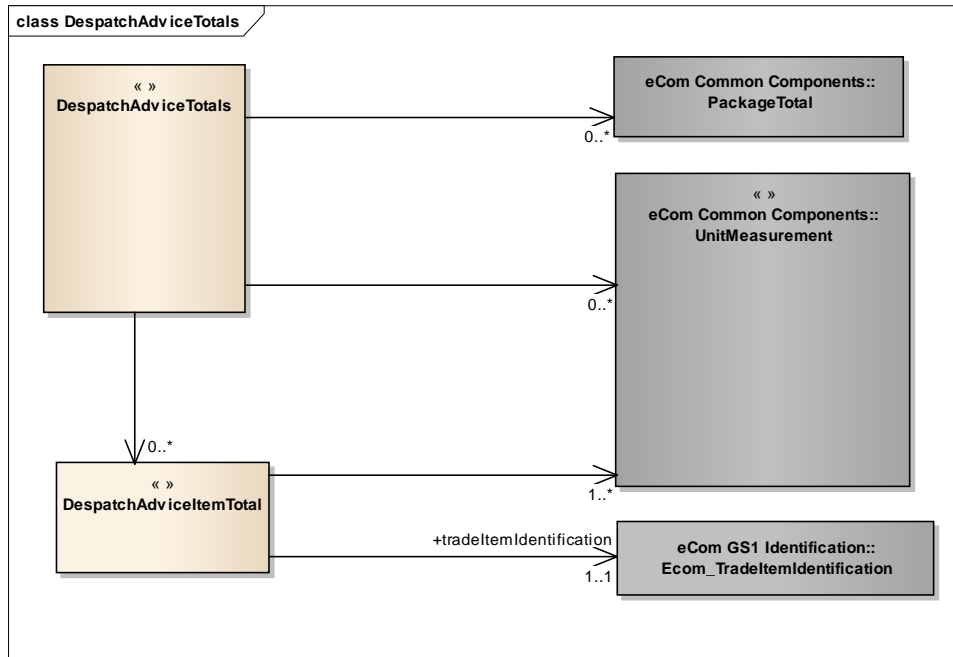
| Content | Attribute / Role | Datatype / Secondaryclass | Multiplicity | Definition | Requirements |
|----------------|------------------------------|---------------------------|--------------|--|------------------------------|
| Association | | DespatchAdviceTotals | 0..1 | Aggregated shipment information (across logistic units) such as the total weight. | |
| Association | despatchAdviceIdentification | Ecom_EntityIdentification | 1..1 | Unique identifier for the Despatch Advice Message. | WR 15-000314 |
| Association | | EndCustomerRelatedDetails | 0..1 | Allows to specify the final customer that may be different from Ultimate Consignee and their preferred delivery method. | WR 16-000093 |
| Association | blanketOrder | Ecom_DocumentReference | 0..1 | Reference to the blanket order, which is a document created for general order purposes with later split into quantities and delivery dates and maybe delivery locations. | WR 15-000314 WR 16-000024 |
| Association | invoice | Ecom_DocumentReference | 0..1 | A reference to the Invoice document. | WR 15-000314 WR 16-000087 |
| Association | contract | Ecom_DocumentReference | 0..1 | A reference to the Order Response business message. | WR 15-000314 |
| Association | invoicee | TransactionalParty | 0..1 | A party receiving an invoice - if different from Buyer. | WR 16-000091 |
| Association | orderResponse | Ecom_DocumentReference | 0..1 | A reference to the Order Response business message. | WR 15-000314 WR 16-000089 |
| Association | purchaseConditions | Ecom_DocumentReference | 0..1 | Reference to the business document that describes the commercial conditions under which the goods are delivered. | WR 15-000314 |
| Generalization | | EcomDocument | | Basic information about the content of the message including version number, creation date and time and the placeholder for non-standard attributes. | |
| Association | promotionalDeal | Ecom_DocumentReference | 0..1 | Reference to a business document stating the promotional deal conditions. | WR 15-000314 WR 16-000088 |
| Association | customerDocumentReference | Ecom_DocumentReference | 0..1 | Specifies document referenced by the customer, used e.g. for split orders. | WR 15-000314 WR 16-000068 |
| Association | deliveryNote | Ecom_DocumentReference | 0..1 | The delivery note accompanying the shipment. | WR 15-000314 |



| Content | Attribute / Role | Datatype / Secondaryclass | Multiplicity | Definition | Requirements |
|-------------|------------------------|-------------------------------|--------------|---|--|
| Association | carrier | TransactionalParty | 0..1 | Uniquely identifies the party who transports the shipment. | |
| Association | | TransactionalGenericReference | 0..* | Reference to an associated information in support of related business processes. E.g. any kind of internal reference, such as a cost center. The type of references are defined in the TransactionalReferenceTypeCode list. | WR 16-000031 WR 16-000069 WR 16-000079 |
| Association | buyer | TransactionalParty | 0..1 | Identifies the party to which products or services are sold. | |
| Attribute | despatchAdviceTypeCode | DespatchAdviceTypeCode | 0..1 | The code specifying the type of despatch advice. | WR-20-000394 |
| Attribute | deliveryTypeCode | DeliveryTypeCode | 0..1 | Code specifying the completeness of delivery compared to the order instruction. | |
| Attribute | rackIDAtPickUpLocation | string | 0..* | Identification of a warehouse rack in the location for shipment pick-up. | WR 16-000099 |
| Attribute | totalDepositAmount | Amount | 0..* | Used to control if the total amount of the deposit corresponds to the number of bank notes of given value. This attribute is used for cash handling purposes. | WR 16-000245 |
| Attribute | note | Description500 | 0..1 | Free text used to convey information that is not processed by applications. Only meant to present the information to a user as on a screen, in a browser, etc. | WR 18-000127 |
| Attribute | totalNumberOfLines | positiveInteger | 0..1 | The number of all line items in the entire message. | WR 17-000034 |

4.2 Despatch Advice Totals

Class Diagram



Report

The content of the DespatchAdviceTotals class, its structure and component definitions can be accessed in the GS1 Navigator: [Navigator link](#)

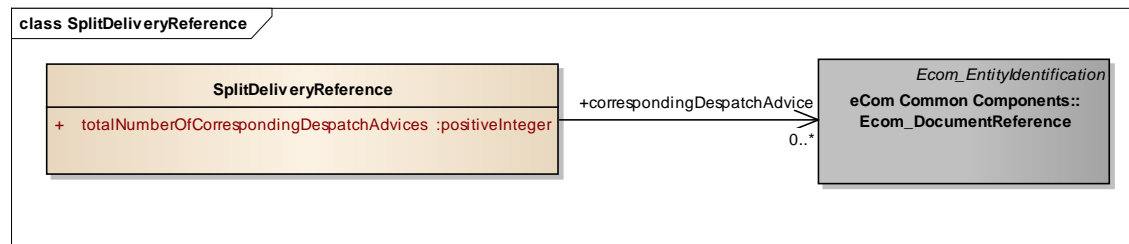
| Content | Attribute / Role | Datatype / Secondary class | Multiplicity | Definition | Requirements |
|-------------------------|-------------------------|------------------------------|--------------|---|--------------------------------------|
| DespatchAdviceItemTotal | | | | Aggregated shipment information (across logistic units) specified per trade item, such as the total weight of a trade item. | MR3 renamed form ConsignedItemWeight |
| Association | | UnitMeasurement | 1..* | The measurement information associated to the despatch advice item total. | |
| Association | tradeItemIdentification | Ecom_TradeItemIdentification | 1..1 | The trade item associated to the despatch advice item total. | WR 15-000314 |



| Content | Attribute / Role | Datatype / Secondary class | Multiplicity | Definition | Requirements |
|-----------------------|------------------|----------------------------|--------------|---|---|
| DespatchAdvice Totals | | | | Aggregated shipment information (across logistic units) such as the total weight. | MR3 renamed from ConsignmentInformation |
| Association | | PackageTotal | 0..* | The total quantity of logistic units and items specified per package type. | |
| Association | | DespatchAdviceItemTotal | 0..* | Aggregated shipment information (across logistic units) specified per trade item, such as the total weight of a trade item. | |
| Association | | UnitMeasurement | 0..* | The measurement information associated to the despatch advice total. | |

4.3 Split Delivery Reference

Class Diagram



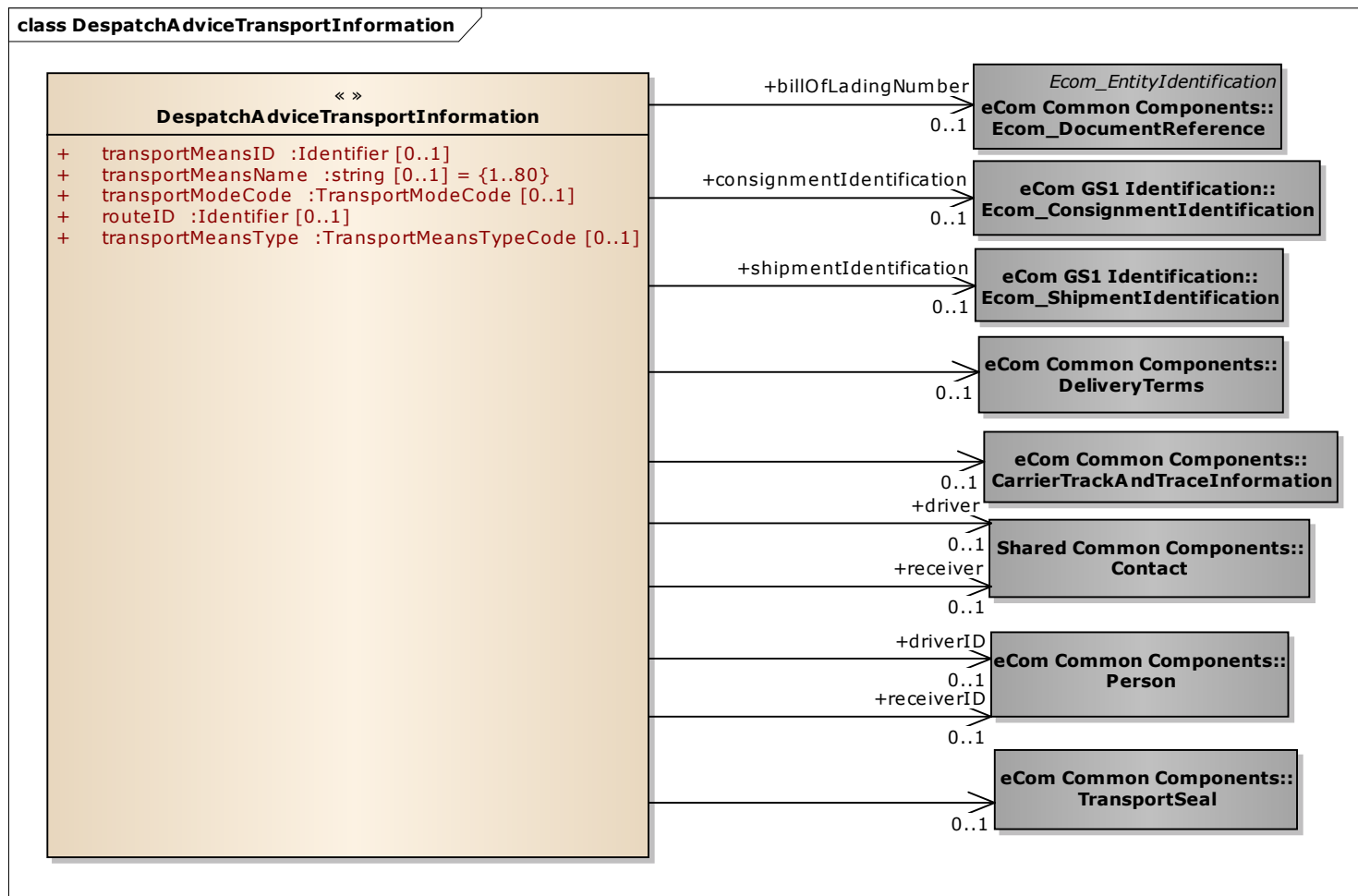
Report

The content of the SplitDeliveryReference class, its structure and component definitions can be accessed in the GS1 Navigator: [Navigator link](#)

| Content | Attribute / Role | Datatype /Secondary class | Multiplicity | Definition | Requirements |
|------------------------|---|---------------------------|--------------|--|------------------------------|
| SplitDeliveryReference | | | | A reference to corresponding Despatch Advice messages. Used mostly for large quantity deliveries with multiple corresponding Despatch Advice messages. | WR 16-000085 |
| Association | correspondingDespatchAdvice | Ecom_DocumentReference | 0..* | Provides reference to the corresponding Despatch Advice messages. | WR 15-000314 WR 16-000085 |
| Attribute | totalNumberOfCorrespondingDespatchAdvices | positiveInteger | 1..1 | The number of all Despatch Advice messages sent for one split delivery. All these messages correspond to one Order. Used for split deliveries of large quantities. | WR 16-000085 |

4.4 Despatch Advice Transport Information

Class Diagram



Report

The content of the DespatchAdviceTransportInformation class, its structure and component definitions can be accessed in the GS1 Navigator:

[Navigator link](#)

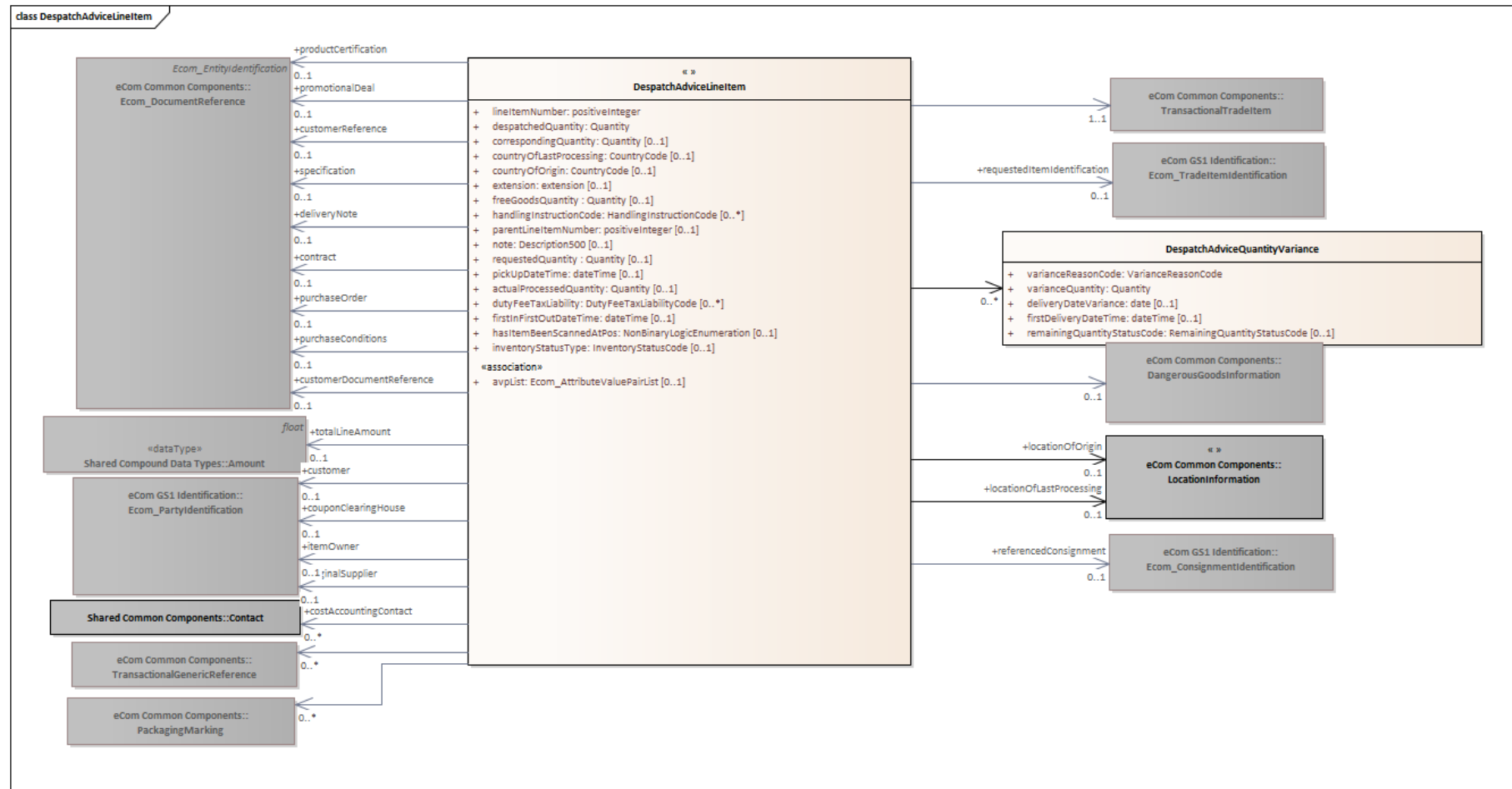
| Content | Attribute / Role | Datatype /Secondary class | Multiplicity | Definition | Requirements |
|------------------------------------|---------------------------|----------------------------------|--------------|--|--------------|
| DespatchAdviceTransportInformation | | | | Information with regards to the transportation and delivery of the shipment. | |
| Association | | CarrierTrackAndTrace Information | 0..1 | Tracking and tracing information about the package, provided by the carrier. | |
| Association | | DeliveryTerms | 0..1 | The delivery terms for the shipment. | |
| Association | driverID | Person | 0..1 | Identification information about the driver of the transported goods. | WR 13-000203 |
| Association | driver | Contact | 0..1 | Contact information to the driver of the transported goods | |
| Association | receiverID | Person | 0..1 | Identification information about the person receiving the goods. | WR 13-000203 |
| Association | | TransportSeal | 0..1 | Information on the item attached to a piece of transport equipment used for closing and/or securing the cargo. | WR 16-000095 |
| Association | consignmentIdentification | Ecom_ConsignmentIdentification | 0..1 | The identification of a consignment related to the shipment specified in the despatch advice. | WR 15-000314 |
| Association | shipmentIdentification | Ecom_ShipmentIdentification | 0..1 | The identification of the shipment specified in the despatch advice. | WR 15-000314 |
| Association | receiver | Contact | 0..1 | Contact information to the person receiving the goods. | |
| Association | billOfLadingNumber | Ecom_DocumentReference | 0..1 | Reference to the number of the document which evidences a contract of carriage and the taking over or loading of goods by the carrier, and by which the carrier undertakes to deliver the goods against surrender of the document. | WR 15-000314 |
| Attribute | transportMeansID | Identifier | 0..1 | Vehicle license plate/Aircraft number identifying a means of transport. | |
| Attribute | transportMeansName | string | 0..1 | The name, expressed as text, of a particular means of transport. E.g. The vessel name. | |



| Content | Attribute / Role | Datatype /Secondary class | Multiplicity | Definition | Requirements |
|-----------|--------------------|---------------------------|--------------|--|-----------------------------|
| Attribute | transportModeCode | TransportModeCode | 0..1 | Code specifying the mode of transport. | |
| Attribute | routeID | Identifier | 0..1 | Unique identifier of the standard route that will be used for this transport movement. | |
| Attribute | transportMeansType | TransportMeansType Code | 0..1 | Code specifying a transport means type. | WR 17-000311 - 17-000318 |

4.5 Despatch Advice Line Item

Class Diagram



Report

The content of the DespatchAdviceLineItem class, its structure and component definitions can be accessed in the GS1 Navigator: [Navigator link](#)

| Content | Attribute / Role | Datatype /Secondary class | Multiplicity | Definition | Requirements |
|------------------------|---------------------------|--------------------------------|--------------|---|------------------------------|
| DespatchAdviceLineItem | | | | Information specifying the contents, characteristics, history and physical characteristics of delivered goods. | |
| Association | purchaseOrder | Ecom_DocumentReference | 0..1 | Reference to the business document that triggered the delivery of the goods. | WR 15-000314 |
| Association | customerDocumentReference | Ecom_DocumentReference | 0..1 | Specifies document referenced by the customer, used e.g. for split orders. | WR 15-000314 WR 16-000068 |
| Association | referencedConsignment | Ecom_ConsignmentIdentification | 0..1 | Reference to the identification of the consignment. | WR 15-000314 |
| Association | costAccountingContact | Contact | 0..* | Specifies a department name or reference corresponding to cost accounting. | WR 16-000060 WR 16-000061 |
| Association | | PackagingMarking | 0..* | Details on the markings present on the packaging of the logistic unit. | WR 16-000100 |
| Association | productCertification | Ecom_DocumentReference | 0..1 | Reference to a number assigned by a governing body (or their agents) to a product which certifies compliance with a standard. | WR 15-000314 |
| Association | promotionalDeal | Ecom_DocumentReference | 0..1 | Reference to a number assigned by a vendor to a special promotion activity. | WR 15-000314 |
| Association | contract | Ecom_DocumentReference | 0..1 | Reference to the contractual agreement under which the goods are delivered. | WR 15-000314 |
| Association | specification | Ecom_DocumentReference | 0..1 | An essential technical requirement for items, materials or services, including the procedures to be used to determine whether the requirement has been met. Specifications may also include requirements for preservation, packaging, packing, and marking. | WR 15-000314 |
| Association | | DangerousGoodsInformation | 0..1 | 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. | |



| Content | Attribute / Role | Datatype /Secondary class | Multiplicity | Definition | Requirements |
|-------------|-----------------------------|--------------------------------|--------------|--|---|
| Association | purchaseConditions | Ecom_DocumentReference | 0..1 | Reference to the business document that describes the commercial conditions under which the goods are delivered. | WR 15-000314 |
| Association | | DespatchAdviceQuantityVariance | 0..* | Information with regards to any difference between what was ordered and what is ready for or has been despatched. | |
| Association | locationOfLastProcessing | LocationInformation | 0..1 | The name and address of the last processing location in which the trade item was processed or transformed. | |
| Association | locationOfOrigin | LocationInformation | 0..1 | The name and address of location of origin in which the goods have been produced or manufactured, according to criteria laid down for the purposes of application of the Customs tariff, of quantitative restrictions, or of any other measure related to trade. | |
| Association | deliveryNote | Ecom_DocumentReference | 0..1 | Reference to the physical document that accompanies the delivered goods. | WR 15-000314 |
| Association | totalLineAmount | Amount | 0..1 | The value of the despatch products required for customs clearance procedures or the products, which price is not known by the buyer until it is sold further (e.g. at the auction). | WR 15-000038 |
| Association | | TransactionalTradeItem | 1..1 | The trade item identification of the goods that were delivered. | |
| Association | requestedItemIdentification | Ecom_TradeItemIdentification | 0..1 | The trade item identification of the goods that were ordered or planned to be delivered. | WR 15-000314 |
| Association | customerReference | Ecom_DocumentReference | 0..1 | Reference to the end customer that will receive the goods. | MR3 renamed from customer WR 15-000314 |
| Association | | TransactionalGenericReference | 0..* | Reference to an associated information in support of related business processes. E.g. any kind of internal reference, such as a cost center. | WR 16-000031 |



| Content | Attribute / Role | Datatype /Secondary class | Multiplicity | Definition | Requirements |
|-------------|-------------------------|---------------------------|--------------|---|------------------------------------|
| Association | customer | Ecom_PartyIdentification | 0..1 | Indicates a physical person or a legal entity that is the account holder. If used for cash handling process, the account of the customer will not be credited if the suspect bank note is detected at the bank branch. | WR 15-000314 WR 16-000247 |
| Association | couponClearingHouse | Ecom_PartyIdentification | 0..1 | Identification of the Coupon Clearing House | WR 17-000311 – 17-000318 |
| Association | itemOwner | Ecom_PartyIdentification | 0..1 | Indicates who is the owner of the Trade Item. | WR 17-000311 – 17-000318 |
| Association | originalSupplier | Ecom_PartyIdentification | 0..1 | Identifies the original party from whom the goods being transacted were obtained | WR 17-000311 – 17-000318 |
| Attribute | lineItemNumber | positiveInteger | 1..1 | Provides the line number associated to the Despatch Advice Line Item. | |
| Attribute | parentLineItemNumber | positiveInteger | 0..1 | The number of line item containing information about the parent of the current item. It allows establishing hierarchical link between the two items. | WR 14-000021 WR 14-000044 |
| Attribute | despatchedQuantity | Quantity | 1..1 | The number of units shipped of the order unit or associated item. The unit of measure for the quantity is assumed to be the same as for the associated item. Thus the quantity must be specified in the same unit of measure as the item, e.g. case, each, etc... | MR3 renamed from quantityContained |
| Attribute | correspondingQuantity | Quantity | 0..1 | The quantity of trade item units corresponding to the despatched quantity of a variable measurement trade item. | WR 20-424 |
| Attribute | countryOfLastProcessing | CountryCode | 0..1 | Code identifying the country in which the trade item was processed, transformed, or inspected last before its import. | |
| Attribute | countryOfOrigin | CountryCode | 0..1 | Code identifying the country in which the goods have been produced or manufactured, according to criteria laid down for the purposes of application of the customs tariff, of quantitative restrictions, or of any other measure related to trade. | |

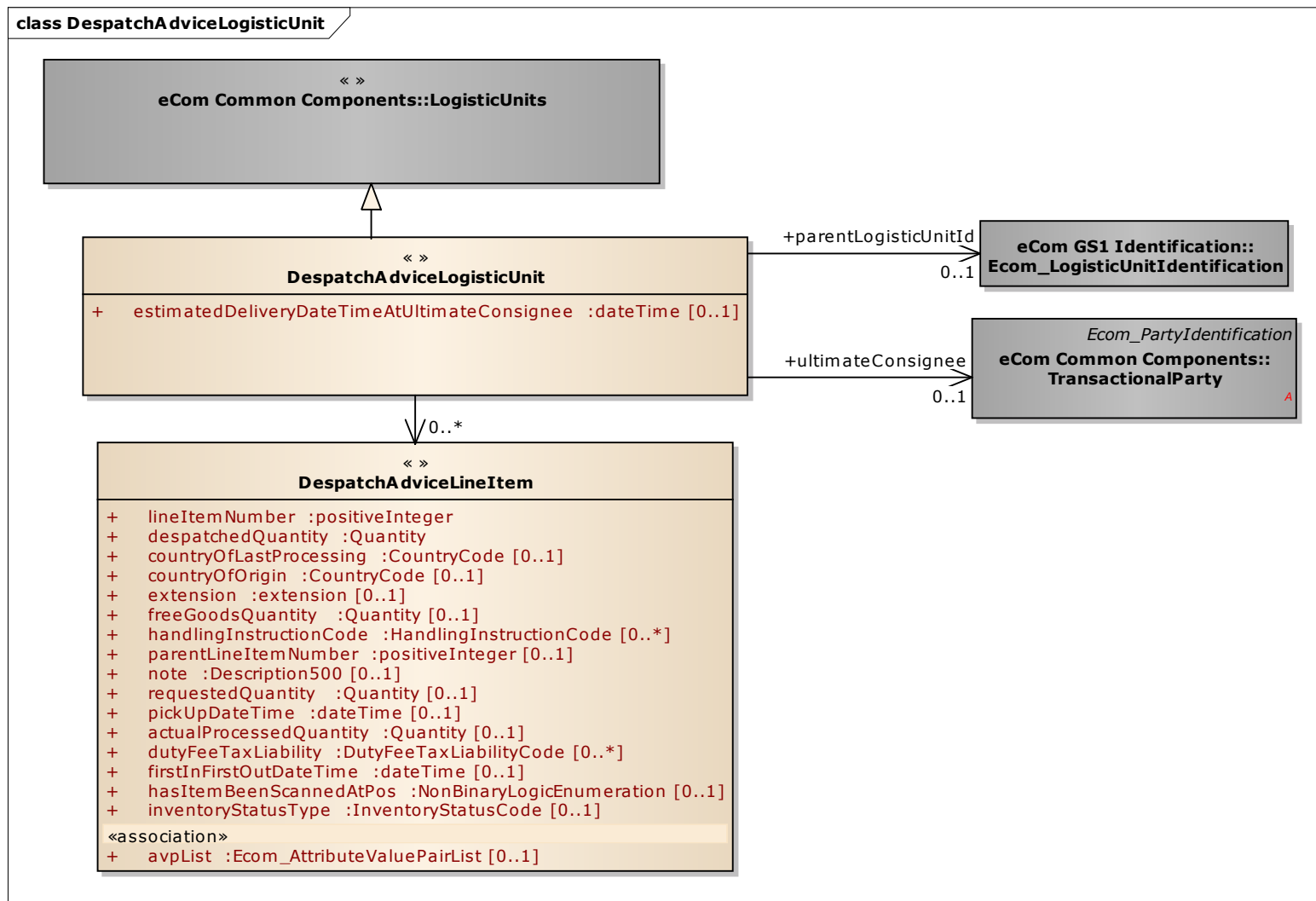
| Content | Attribute / Role | Datatype /Secondary class | Multiplicity | Definition | Requirements |
|--------------------------------|--------------------------|------------------------------|--------------|--|--------------------------|
| Attribute | extension | extension | 0..1 | Extension point for inclusion of context specific information, such as information specific to a particular type of product. Example: Extension for meat products. | |
| Attribute | freeGoodsQuantity | Quantity | 0..1 | The quantity of despatched goods which is free of charge. | |
| Attribute | handlingInstructionCode | HandlingInstructionCode | 0..* | Code specifying an instruction applicable to the transport or storage of goods. | |
| Attribute | note | Description500 | 0..1 | Free text used to convey information that is not processed by applications. Only meant to present the information to a user as on a screen, in a browser, etc. | BRAD RQ 09.236.F |
| Attribute | pickUpDateTime | dateTime | 0..1 | Date/time at which the items are picked up. | WR 16-000246 |
| Attribute | requestedQuantity | Quantity | 0..1 | The quantity that was ordered or planned to be delivered. | |
| Attribute | avpList | Ecom_AttributeValue PairList | 0..1 | Temporary attributes introduced between minor versions. | WR 14-000110 |
| Attribute | aqctualProcessedQuantity | Quantity | 0..1 | The actual quantity of variable measure goods (e.g. meat, fish, vegetable). This quantity is not known until it is processed, at which point it is measured. | WR 17-000311 – 17-000318 |
| Attribute | dutyFeeTaxLiability | DutyFeeTaxLiabilityCode | 0..* | Indicates whether an item is a subject to a particular duty, tax or fee. | WR 17-000311 – 17-000318 |
| Attribute | hasItemBeenScannedAtPos | NonBinaryLogicEnumeration | 0..1 | Specifies whether the trade item has been scanned at the retail Point of Sale. | WR 17-000311 – 17-000318 |
| Attribute | firstInFirstOutDateTime | dateTime | 0..1 | The date and time when the goods should be considered for the FIFO delivery. | WR 17-000311 – 17-000318 |
| Attribute | inventoryStatusType | InventoryStatusCode | 0..1 | Code specifying the inventory status of the goods. | WR 17-000311 – 17-000318 |
| DespatchAdviceQuantityVariance | | | | Information with regards to any difference between what was ordered and what is ready for or has been despatched. | |
| Attribute | varianceReasonCode | VarianceReasonCode | 1..1 | Code specifying the reason for the change in the despatched quantity.;renamed from changeReason | |



| Content | Attribute / Role | Datatype /Secondary class | Multiplicity | Definition | Requirements |
|-----------|-----------------------------|-----------------------------|--------------|---|--------------|
| Attribute | varianceQuantity | Quantity | 0..1 | The quantitative difference between what was ordered and what is despatched. | |
| Attribute | deliveryDateVariance | date | 0..1 | The estimated delivery date for the goods that have been put on backorder. | |
| Attribute | firstDeliveryDateTime | dateTime | 0..1 | The earliest date at which the supplier can deliver the product to the trading partner. | WR 20-423 |
| Attribute | remainingQuantityStatusCode | RemainingQuantityStatusCode | 0..1 | Code specifying the action that will be taken with respect to the goods that were not despatched. ; BRAD RQ09-233 | |

4.6 Despatch Advice Logistic Unit

Class Diagram



Report

The content of the DespatchAdviceLogisticUnit class, its structure and component definitions can be accessed in the GS1 Navigator:

[Navigator link](#)

| Content | Attribute / Role | Datatype / Secondary class | Multiplicity | Definition | Requirements |
|----------------------------|--|---------------------------------|--------------|--|--|
| DespatchAdviceLogisticUnit | | | | Information on a logistic unit contained in the shipment. | |
| Association | ultimateConsignee | TransactionalParty | 0..1 | Identifies the party that is the final destination for the logistic unit. | MR3 integration of crossdock extension |
| Generalization | | LogisticUnits | | | |
| Association | | DespatchAdviceLineItem | 0..* | Information on the trade items contained in the shipment. | |
| Association | parentLogisticUnitId | Ecom_LogisticUnitIdentification | 0..1 | Reference to the logistic unit that contains this logistic unit. | WR 16-000349 |
| Attribute | estimatedDeliveryDate TimeAtUltimateConsignee | dateTime | 0..1 | The date and time the logistic unit is expected to be delivered at the ultimate consignee. | MR3 integration of crossdock extension |

4.7 Enumerations (message specific)

Not applicable

4.8 Code Lists

| Class | Codelist | Referenced in |
|------------------------------------|-----------------------------|---|
| DespatchAdvice | DeliveryTypeCode | https://navigator.gs1.org/edi/codelist-details?&name=DeliveryTypeCode |
| DespatchAdvice | DespatchAdviceTypeCode | https://navigator.gs1.org/edi/codelist-details?&name=DespatchAdviceTypeCode |
| DespatchAdvice | ReferenceNumberTypeCode | |
| DespatchAdviceTransportInformation | TransportModeCode | https://navigator.gs1.org/edi/codelist-details?&name=TransportModeCode |
| DespatchAdviceLineItem | CountryCode | https://navigator.gs1.org/edi/codelist-details?&name=CountryCode |
| DespatchAdviceLineItem | HandlingInstructionCode | https://navigator.gs1.org/edi/codelist-details?&name=HandlingInstructionCode |
| DespatchAdviceQuantityVariance | VarianceReasonCode | https://navigator.gs1.org/edi/codelist-details?&name=VarianceReasonCode |
| DespatchAdviceQuantityVariance | RemainingQuantityStatusCode | https://navigator.gs1.org/edi/codelist-details?&name=RemainingQuantityStatusCode |



Note: Refer to the GS1 Navigator (Navigator) for the code values.

5 Business Message Examples

5.1 Example 1

It is an example of a despatch advice message, announcing the delivery of the ordered goods. The message is sent on April 11, 2011 09 AM. The message identification number is DA349875.

Party Information

| GS1 Global Location Number | Party Type |
|----------------------------|------------|
| 5412345000013 | Receiver |
| 4098765000010 | Shipper |
| 5412345000037 | Ship to |

Referenced Purchase Order

Purchase Order PO3352, from Receiver (5412345000013), received on 11th of March 2011, Line Item 1

Despatch Information

Actual Ship Date Time: April 11, 2011 09:00 AM

Despatch Advice Logistic Line Item

Package Type: PE (Pallet, Modular)

Logistics Unit Identification SSCC 409876506700001010

Despatch Advice Item Containment Line Item

Country of Origin: Germany

Item GTIN: 40987650000278

Quantity: 48

Delivery Note References

Referenced Date Time: April 11, 2011 T 03:00 PM

Referenced Identification: DN123

Line Item Number: 1

Message Example 1

| Attribute | Value |
|---|------------------|
| DespatchAdvice | |
| Document | |
| creationDateTime | 2011-04-11 09:00 |
| documentStatus | ORIGINAL |
| EntityIdentification (+despatchAdviceIdentification) | |
| entityIdentification | DA349875 |
| PartyIdentification (+contentOwner) | |
| gln | 4098765000010 |
| TransactionalParty (+shipper) | |
| gln | 4098765000010 |
| TransactionalParty (+receiver) | |

| Attribute | Value |
|--|----------------------|
| gLN | 5412345000013 |
| TransactionalParty (+shipTo) | |
| gln | 5412345000037 |
| DocumentReference (+purchaseOrder) | |
| lineNumber | 1 |
| creationDateTime | 2011-03-11 11:00 |
| EntityIdentification | |
| entityIdentification | PO3352 |
| TransactionalParty (+contentOwner) | |
| gln | 5412345000013 |
| DespatchInformation | |
| actualShipDateTime | April 11, 2011 09:00 |
| DespatchAdviceLogisticUnit | |
| LogisticUnits | |
| packageType | PE (pallet, modular) |
| LogisticUnitIdentification | |
| sscc | 409876506700001010 |
| DespatchAdviceLineItem | |
| lineItemNumber | 1 |
| despatchedQuantity | 48 |
| countryOfOrigin | DE |
| TransactionalTradeItemIdentification (+requestedItemIdentification) | |
| gtin | 40987650000223 |
| DocumentReference (+deliveryNote) | |
| lineItemNumber | 001 |
| referenceDateTime | 2011-04-11 15:00 |
| referenceIdentification | DN123 |

5.2 Example 2

It is an example of a Despatch Advice message, announcing the delivery of the ordered goods in a cross docking scenario. The message is sent on April 10, 2011 09 AM. The message identification number is DA349866.

Party Information

| GS1 Global Location Number | Party Type |
|----------------------------|--|
| 5412345000013 | Receiver |
| 4098765000010 | Shipper |
| 5420304050603 | Cross docking centre (Ship To) |
| 5412345000174 | Buyer's store 1 (Ultimate Consignee 1) |
| 5412345000228 | Buyer's store 2 (Ultimate Consignee 2) |

The Purchase Order PO3399, from Receiver (5412345000013), received on March 11th 2011. The Buyer requested the goods to be delivered to the cross docking centre (GLN 5420304050603), broken down into two packages each and delivered to two stores (referred to as Ultimate Consignees) that belong to the Buyer's company.

The Shipper (referred to as Seller in Order, GLN 4098765000010) announces the despatch of the requested goods to the cross docking centre (referred to as Ship To, GLN 5420304050603), from where they will be delivered to the Buyer's stores.

The Despatch Advice is created on 10th of April 2011 at 9:00 AM. The goods have been shipped at 9:15 AM. They are placed on one pallet that needs to be broken down.

Message Example 2

| Attribute | Value |
|---|----------------------|
| DespatchAdvice | |
| Document | |
| creationDateTime | 2011-04-10 09:00 |
| documentStatus | ORIGINAL |
| EntityIdentification (+despatchAdviceIdentification) | |
| entityIdentification | DA349866 |
| PartyIdentification (+contentOwner) | |
| glN | 4098765000010 |
| TransactionalParty (+shipper) | |
| glN | 4098765000010 |
| TransactionalParty (+receiver) | |
| glN | 5412345000013 |
| TransactionalParty (+shipTo) | |
| glN | 5420304050603 |
| TransactionalParty (+inventoryLocation) | |
| glN | 5412345000013 |
| DocumentReference (+purchaseOrder) | |
| EntityIdentification | |
| entityIdentification | PO3399 |
| PartyIdentification (+contentOwner) | |
| glN | 5412345000013 |
| DespatchAdviceTransportInformation | |
| DocumentReference (+billOfLadingNumber) | |
| creationDateTime | 2011-04-10 08:45 |
| entityIdentification | 88021 |
| DespatchInformation | |
| actualShipDateTime | 2011-04-10 09:15 |
| DespatchAdviceLogisticUnit *1 | |
| LogisticUnits | |
| packageTypeCode | PE (pallet, modular) |
| LogisticUnitIdentification | |
| sscc | 154123450987654329 |

| Attribute | Value |
|---|----------------------|
| estimatedDeliveryDateTimeAtUltimateConsignee | 2011-04-11 06:30 |
| TransactionalParty (+ultimateConsignee) | |
| gln | 5412345000174 |
| DespatchAdviceLineItem *1.1 | |
| DespatchAdviceLineItem | |
| lineItemNumber | 1 |
| despatchedQuantity | 20 |
| TradeItemIdentification (+requestedItemIdentification) | |
| gtin | 40987650000346 |
| TransactionalItemData | |
| lotNumber | ASD00012 |
| bestBeforeDate | 2012-08-01 |
| DocumentReference (+purchaseOrder) | |
| lineItemNumber | 2 |
| creationDateTime | 2011-03-11 11:00 |
| EntityIdentification | |
| referenceIdentification | PO3399 |
| DespatchAdviceLogisticUnit *2 | |
| LogisticUnits | |
| packageTypeCode | PE (pallet, modular) |
| LogisticUnitIdentification | |
| sscc | 154123450987654329 |
| estimatedDeliveryDateTimeAtUltimateConsignee | 2011-04-11 08:15 |
| TransactionalParty (+ultimateConsignee) | |
| gln | 5412345000228 |
| DespatchAdviceLineItem *2.1 | |
| lineItemNumber | 2 |
| despatchedQuantity | 4 |
| TradeItemIdentification (+requestedItemIdentification) | |
| gtin | 40987650000346 |
| TransactionalItemData | |
| lotNumber | ASD00012 |
| bestBeforeDate | 2012-08-01 |
| DocumentReference (+purchaseOrder) | |
| lineItemNumber | 2 |
| creationDateTime | 2011-03-11 11:00 |

| Attribute | Value |
|-----------------------------|--------|
| EntityIdentification | |
| referenceIdentification | PO3399 |

6 Implementation Considerations

6.1 User Guide

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

6.2 Message Specific Considerations

6.2.1 Document referencing

The Despatch Advice should include the line sequence numbers from the documents (Purchase Order and Purchase Conditions) that can be referenced to. These line sequence numbers for referenced documents are optional.

The idea behind this is that if a despatch advice refers to one order or contract or despatch note or consignment note the reference is identified at the header level and that then applies to all item lines.

If a despatch advice is referring to more than one order or contract or despatch note or consignment note then the reference is identified at the detail level through the DetailLevelReference.

Table below illustrates references.

| Despatch Advice Line Number | Reference Identification and Date | Referenced Line Number |
|-----------------------------|-------------------------------------|------------------------|
| 1 | Purchase Order 933, Date 2007-04-12 | 25 |
| 2 | Purchase Order 934, Date 2007-05-12 | 9 |
| 3 | Purchase Order 990, Date 2007-06-12 | 1 |

6.2.2 Packaging hierarchy

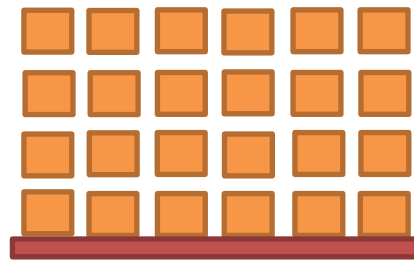
The examples below show how the logistic unit hierarchy can be represented in the Despatch Advice message.

Case 1: Simple hierarchy

24 Trade Items are placed on one pallet.

Pallet SSCC: 387186978600000106

GTIN of Trade Items placed on Pallet 1: 38718697864524



Pallet 1

The Pallet identification and its content should be represented the following way in the despatchAdviceLogisticUnit:

```
<despatchAdviceLogisticUnit>
  <levelIdentification>1</levelIdentification>
  <packageTypeCode>PX</packageTypeCode>
  <childPackageTypeCode>CT</childPackageTypeCode>
  <quantityOfChildren>24</quantityOfChildren>
  <logisticUnitIdentification>
    <sscc>387186978600000106</sscc>
  </logisticUnitIdentification>
  <despatchAdviceLineItem>
    <lineItemNumber>1</lineItemNumber>
    <despatchedQuantity>24</despatchedQuantity>
    <transactionalTradeItem>
      <gtin>38718697864524</gtin>
    </transactionalTradeItem>
  </despatchAdviceLineItem>
</despatchAdviceLogisticUnit>
```

Case 2: Complex hierarchy

2 cases are placed on one pallet.

Pallet SSCC: 387186978600000113

SSCC of Case 1 placed directly on the pallet: 387186978600000120

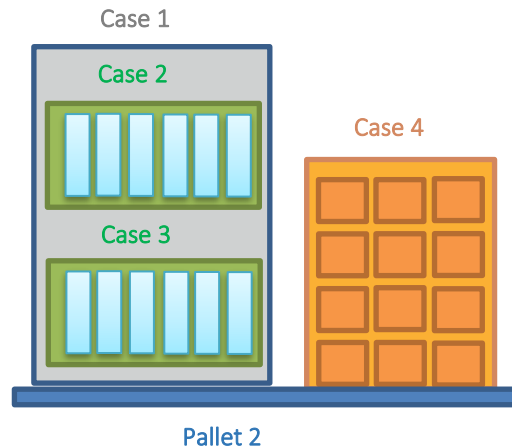
SSCC of Case 2 placed in case 1: 387186978600000137

SSCC of Case 3 placed in case 1: 387186978600000144

GTIN of Trade Items placed in Cases 2 and 3: 38718697864784

SSCC of Case 4 placed directly on the pallet: 387186978600000328

GTIN of Trade Items placed in Case 4: 38718697864524



The Pallet identification and its content should be represented the following way in the despatchAdviceLogisticUnit:

Pallet:

```
<despatchAdviceLogisticUnit>
  <levelIdentification>1</levelIdentification>
  <packageTypeCode>PX</packageTypeCode>
  <quantityOfLogisticUnits>1</quantityOfLogisticUnits>
  <childPackageTypeCode>CS</childPackageTypeCode>
  <quantityOfChildren>1</quantityOfChildren>
  <logisticUnitIdentification>
    <sscc>387186978600000113</sscc>
  </logisticUnitIdentification>
</despatchAdviceLogisticUnit>
```

Case 1:

```
<despatchAdviceLogisticUnit>
  <levelIdentification>2</levelIdentification>
  <parentLevelIdentification>387186978600000113</parentLevelIdentification>
  <packageTypeCode>CS</packageTypeCode>
  <childPackageTypeCode>CS</childPackageTypeCode>
  <quantityOfChildren>2</quantityOfChildren>
  <logisticUnitIdentification>
    <sscc>387186978600000120</sscc>
  </logisticUnitIdentification>
</despatchAdviceLogisticUnit>
```

Case 2:

```
<despatchAdviceLogisticUnit>
  <levelIdentification>3</levelIdentification>
  <parentLevelIdentification>387186978600000120</parentLevelIdentification>
  <packageTypeCode>CS</packageTypeCode>
  <childPackageTypeCode>CT</childPackageTypeCode>
  <quantityOfChildren>6</quantityOfChildren>
  <logisticUnitIdentification>
    <sscc>387186978600000137</sscc>
  </logisticUnitIdentification>
  <despatchAdviceLineItem>
    <lineItemNumber>1</lineItemNumber>
    <despatchedQuantity>6</despatchedQuantity>
    <transactionalTradeItem>
```

```

        <gtin>38718697864784</gtin>
      </transactionalTradeItem>
    </despatchAdviceLineItem>
  </despatchAdviceLogisticUnit>

```

Case 3:

```

<despatchAdviceLogisticUnit>
  <levelIdentification>3</levelIdentification>
<parentLevelIdentification>387186978600000120</parentLevelIdentification>
  <packageTypeCode>CS</packageTypeCode>
  <childPackageTypeCode>CT</childPackageTypeCode>
  <quantityOfChildren>6</quantityOfChildren>
  <logisticUnitIdentification>
    <sscc>387186978600000144</sscc>
  </logisticUnitIdentification>
  <despatchAdviceLineItem>
    <lineItemNumber>1</lineItemNumber>
    <despatchedQuantity>6</despatchedQuantity>
    <transactionalTradeItem>
      <gtin>38718697864784</gtin>
    </transactionalTradeItem>
  </despatchAdviceLineItem>
</despatchAdviceLogisticUnit>

```

Case 4:

```

<despatchAdviceLogisticUnit>
  <levelIdentification>2</levelIdentification>
<parentLevelIdentification>387186978600000113</parentLevelIdentification>
  <packageTypeCode>CS</packageTypeCode>
  <childPackageTypeCode>CT</childPackageTypeCode>
  <quantityOfChildren>15</quantityOfChildren>
  <logisticUnitIdentification>
    <sscc>387186978600000328</sscc>
  </logisticUnitIdentification>
  <despatchAdviceLineItem>
    <lineItemNumber>1</lineItemNumber>
    <despatchedQuantity>15</despatchedQuantity>
    <transactionalTradeItem>
      <gtin>38718697864524</gtin>
    </transactionalTradeItem>
  </despatchAdviceLineItem>
</despatchAdviceLogisticUnit>

```


7 Summary of Changes

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



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

7.1 BMS Release 3.0

| Change | Associated CR Number |
|---|----------------------|
| Incorporated Cross Dock Extension into the message itself. | 09-000233 |
| Added elements corresponding to the Current requirements queue | 09-000235 |
| Updated the Reports and Class diagrams | 09-000236 |
| Updated the Business Example and test data sections | 09-000238 |
| Added the architectural principles section. | 09-000240 |
| Updated the introduction and use cases. | 10-000068 |
| Updates for TSD Development: Removed 2 nd DespatchInformation in example as it can only occur once according to the model. Removed redundant information of prior to MR3 from Summary of Changes and Document Change History | n/a |
| Updates for BMS Public Review: - removed association from DespatchAdvice to DespatchAdviceLineItem, in order to have only one path to the line item (via DespatchAdviceLogisticUnit). - added attribute deliveryTypeCode to the root class. | n/a |
| Updates for BMS Publication (3.0) <ul style="list-style-type: none"> Updated date of document Clean-up of Document Change History Removed year form copyright statement in footer Corrected spelling of Section 11 Architectural Principles Corrected example (enityIdentification) Corrected case of GS1 keys in example Removed orphan sentence fragment "The reported despatch consists of" in section 6.2 example | n/a |

7.2 BMS Release 3.1

| Change | Associated CR Number |
|--|----------------------|
| <div> <div>class DespatchAdvice - maintenance view</div> <div> <div>«root, » DespatchAdvice</div> <div> + deliveryTypeCode: DeliveryTypeCode [0..1] + note: Description500 [0..1] </div> <div> maintenance Change: (Verified) 3.1 added +buyer (BRAD WIO-DA-1) Change: (Verified) 3.1 added +seller (BRAD WIO-DA-2) </div> </div> </div> | BRAD WIO-DA-1, 2 |
| Updated SSCC number in examples. | |

7.3 BMS Release 3.2

| Change | Associated WR |
|--|------------------|
| <div>Added Attribute Value Pair at the root, line item and sub line item levels</div> <div> <div>class DespatchAdvice - maintenance view</div> <div> <div>«root, » DespatchAdvice</div> <div> + deliveryTypeCode :DeliveryTypeCode [0..1] + note :Description500 [0..1] </div> <div> maintenance Change: (Complete) 3.1 added +buyer (BRAD WIO-DA-1) Change: (Complete) 3.1 added +seller (BRAD WIO-DA-2) Change: (Verified) 3.2 changed generalisation from Document to eComDocument class to include AVP (WR 14-110) </div> </div> </div> | 14-000110 |

| Change | Associated WR |
|---|--|
| <ul style="list-style-type: none"> ■ Add to warehousing messages carrier track and trace information with: package tracking number and carrier track and trace URL (WR 13-106) ■ Added identification of (WR 13-203): <ul style="list-style-type: none"> □ Route □ transportMeansName □ Receiver – Contact □ Driver – Contact <div> class DespatchAdviceTransportInformation - maintenance view <div> « » DespatchAdviceTransportInformation <div> + transportMeansID :Identifier [0..1] + transportMeansName :string [0..1] = {1..80} + transportModeCode :TransportModeCode [0..1] + routeID :Identifier [0..1] </div> <div> <i>maintenance</i> Change: (Verified) 3.2 added +routeID (WR 13-203) Change: (Verified) 3.2 added +transportMeansName (WR 13-203) Change: (Verified) 3.2 added association to CarrierTrackAndTraceInformation (WR 13-106) Change: (Verified) 3.2 added association to Contact class with role name +driver (WR 13-203) Change: (Verified) 3.2 added association to Contact class with role name +receiver (WR 13-203) </div> </div> </div> | 13-000106 13-000203 |
| <ul style="list-style-type: none"> ■ Added a reference to parent line number to all LineItem classes, to support hierarchical items (WRs 14-021 & 14-044) ■ Added Attribute Value Pair at the root, line item and sub line item levels (WR 14-110) <div> class DespatchAdviceLineItem - maintenance view <div> « » DespatchAdviceLineItem <div> + lineItemNumber :positiveInteger + despatchedQuantity :Quantity + countryOfLastProcessing :CountryCode [0..1] + countryOfOrigin :CountryCode [0..1] + extension :extension [0..1] + freeGoodsQuantity :Quantity [0..1] + handlingInstructionCode :HandlingInstructionCode [0..*] + parentLineItemNumber :positiveInteger [0..1] + note :Description500 [0..1] + requestedQuantity :Quantity [0..1] + «association» avpList :Ecom_AttributeValuePairList [0..1] </div> <div> <i>maintenance</i> Change: (Verified) 3.2 added +avpList (WR 14-110) Change: (Verified) 3.2 added +parentLineItemNumber (WR 14-021 & 14-044) </div> </div> </div> | 14-000021 14-000044 14-000110 |

| Change | Associated WR |
|---|--|
| <ul style="list-style-type: none"> Added to warehousing messages carrier track and trace information with: package tracking number and carrier track and trace URL.(WR 13-106) Added GIAI identifier in Despatch Advice Logistic Unit (WR 13-204) Added package quantity at despatchAdviceLogisticUnit level (WR 14-084) Added Attribute Value Pair at the root, line item and sub line item levels (WR 14-110) | 13-000106 13-000204 14-000084 14-000110 |
| <div> <div>class DespatchAdviceLogisticUnit - maintenance view</div> <div> <div>« »</div> <div>eCom Common Components::LogisticUnits</div> <div>maintenance</div> <div> Change: (Complete) 3.1 added association to ReturnablePackaging (WR 12-199) Change: (Verified) 3.2 added +avpList (WR 14-110) Change: (Verified) 3.2 added +quantityOfLogisticUnits (WR 14-084) Change: (Verified) 3.2 added association to CarrierTrackAndTraceInformation (WR 13-106) Change: (Verified) 3.2 added association to IndividualAssetIdentification (WR 13-204) </div> </div> <div> <div>« »</div> <div>DespatchAdviceLogisticUnit</div> <div>+ estimatedDeliveryDateTimeAtUltimateConsignee: dateTime [0..1]</div> </div> </div> | |

7.4 BMS Release 3.3

| Change | Associated WR |
|--|--|
| <ul style="list-style-type: none"> Created Ecom_DocumentReference class and changed association from the previous DocumentReference (WR 15-314) added association to Ecom_DocumentReference named +blanketOrder (WR 16-024) added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068) added association to Ecom_DocumentReference named +transportInstruction (WR 16-084) added association to Ecom_DocumentReference named +splitDeliveryReference (WR 16-085) added association to Ecom_DocumentReference named +deliverySchedule (WR 16-086) added association to Ecom_DocumentReference named +invoice (WR 16-087) added association to Ecom_DocumentReference named +promotionalDeal (WR 16-088) added association to Ecom_DocumentReference named +orderResponse (WR 16-089) added association to Ecom_DocumentReference named +returnsInstruction (WR 16-090) | 15-000314 16-000024 16-000068 16-000084 16-000085 16-000086 16-000087 16-000088 16-000089 16-000090 |
| <div> <div> class DespatchAdvice - maintenance view </div> <div> <div> <div> eCom Common Components::Ecom_DocumentReference </div> <div> maintenance </div> <div> Change: (New) 3.3 added +referencedDocumentUri (WR 16-261) Change: (New) 3.3 New class (WR 15-314) </div> </div> <div> <div> +deliveryNote </div> <div> 0..1 </div> <div> +purchaseOrder </div> <div> 0..1 </div> <div> +blanketOrder </div> <div> 0..1 </div> <div> +orderResponse </div> <div> 0..1 </div> <div> +contract </div> <div> 0..1 </div> <div> +declarantsCustomsIdentity </div> <div> 0..1 </div> <div> +productCertification </div> <div> 0..1 </div> <div> +specification </div> <div> 0..1 </div> <div> +purchaseConditions </div> <div> 0..1 </div> <div> +promotionalDeal </div> <div> 0..1 </div> <div> +customerDocumentReference </div> <div> 0..1 </div> <div> +transportInstruction </div> <div> 0..1 </div> <div> +returnsInstruction </div> <div> 0..1 </div> <div> +deliverySchedule </div> <div> 0..1 </div> <div> +invoice </div> <div> 0..1 </div> </div> <div> <div> «root, » </div> <div> DespatchAdvice </div> <div> + deliveryTypeCode :DeliveryTypeCode [0..1] + rackDAIPickUpLocation :string [0..1] = (1..35) + totalDepositAmount :Amount [0..1] + note :Description500 [0..1] </div> <div> maintenance </div> <div> Change: (Complete) 3.1 added +buyer (BRAD WIO-DA-1) Change: (Complete) 3.1 added +seller (BRAD WIO-DA-2) Change: (Complete) 3.2 changed generalisation from Document to eComDocument class to include AVP (WR 14-110) Change: (New) 3.3 added +rackDAIPickUpLocation (WR 16-095) Change: (New) 3.3 added +totalDepositAmount (WR 16-245) Change: (New) 3.3 added association to DocumentReference named +blanketOrder (WR 16-024) Change: (New) 3.3 added association to DocumentReference named +customerDocumentReference (WR 16-068) Change: (New) 3.3 added association to DocumentReference named +deliverySchedule (WR 16-086) Change: (New) 3.3 added association to DocumentReference named +invoice (WR 16-087) Change: (New) 3.3 added association to DocumentReference named +orderResponse (WR 16-089) Change: (New) 3.3 added association to DocumentReference named +promotionalDeal (WR 16-088) Change: (New) 3.3 added association to DocumentReference named +returnsInstruction (WR 16-090) Change: (New) 3.3 added association to DocumentReference named +splitDeliveryReference (WR 16-085) Change: (New) 3.3 added association to DocumentReference named +transportInstruction (WR 16-084) Change: (New) 3.3 added association to EndCustomsRelatedDetails (WR 16-093) Change: (New) 3.3 added association to ReferenceNumber class (WR 16-031, 069, 079) Change: (New) 3.3 added association to TransactionalParty named +freightForwarder (WR 16-094) Change: (New) 3.3 added association to TransactionalParty named +invoice (WR 16-091) Change: (New) 3.3 added association to TransactionalParty named +logisticServiceProvider (WR 16-092) Change: (New) 3.3 changed association from EntityIdentification to Ecom_EntityIdentification (WR 15-314) Change: (New) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314) </div> </div> </div> </div> | |

| Change | Associated WR |
|--|------------------|
| <p>Created Ecom_EntityIdentification class and changed association from the previous EntityIdentification</p> <pre> class DespatchAdvice - maintenance view «root, » DespatchAdvice + deliveryTypeCode :DeliveryTypeCode [0..1] + rackIDatPickUpLocation :string [0..*] = {1..35} + totalDepositAmount :Amount [0..1] + note :Description500 [0..1] maintenance Change: (Complete) 3.1 added +buyer (BRAD WIO-DA-1) Change: (Complete) 3.1 added +seller (BRAD WIO-DA-2) Change: (Complete) 3.2 changed generalisation from Document to eComDocument class to include AVP (WR 14-110) Change: (New) 3.3 added +rackIDatPickUpLocation (WR 16-099) Change: (New) 3.3 added +totalDepositAmount (WR 16-245) Change: (New) 3.3 added association to Ecom_DocumentReference named +blanketOrder (WR 16-024) Change: (New) 3.3 added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068) Change: (New) 3.3 added association to Ecom_DocumentReference named +deliverySchedule (WR 16-086) Change: (New) 3.3 added association to Ecom_DocumentReference named +invoice (WR 16-087) Change: (New) 3.3 added association to Ecom_DocumentReference named +orderResponse (WR 16-089) Change: (New) 3.3 added association to Ecom_DocumentReference named +promotionalDeal (WR 16-088) Change: (New) 3.3 added association to Ecom_DocumentReference named +returnsInstruction (WR 16-090) Change: (New) 3.3 added association to Ecom_DocumentReference named +splitDeliveryReference (WR 16-085) Change: (New) 3.3 added association to Ecom_DocumentReference named +transportInstruction (WR 16-084) Change: (New) 3.3 added association to EndCustomerRelatedDetails (WR 16-093) Change: (New) 3.3 added association to ReferenceNumber class (WR 16-031, 069, 079) Change: (New) 3.3 added association to TransactionalParty named +freightForwarder (WR 16-094) Change: (New) 3.3 added association to TransactionalParty named +invoicee (WR 16-091) Change: (New) 3.3 added association to TransactionalParty named +logisticServiceProvider (WR 16-092) Change: (New) 3.3 changed association from EntityIdentification to Ecom_EntityIdentification (WR 15-314) Change: (New) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314) </pre> <p>eCom GS1 Identification:: Ecom_EntityIdentification</p> <p><i>maintenance</i> Change: (New) 3.3 New class (WR 15-314)</p> <p>+despatchAdviceIdentification 1..1</p> | 15-000314 |

| Change | Associated WR |
|--|------------------------|
| <ul style="list-style-type: none"> added +rackIDAtPickUpLocation (WR 16-099) added +totalDepositAmount (WR 16-245) <div> class DespatchAdvice - maintenance view <div> <div> «root, » DespatchAdvice </div> <div> + deliveryTypeCode :DeliveryTypeCode [0..1] + rackIDAtPickUpLocation :string [0..*] = {1..35} + totalDepositAmount :Amount [0..1] + note :Description500 [0..1] </div> <div> maintenance Change: (Complete) 3.1 added +buyer (BRAD WIO-DA-1) Change: (Complete) 3.1 added +seller (BRAD WIO-DA-2) Change: (Complete) 3.2 changed generalisation from Document to eComDocument class to include AVP (WR 14-110) Change: (New) 3.3 added +rackIDAtPickUpLocation (WR 16-099) Change: (New) 3.3 added +totalDepositAmount (WR 16-245) Change: (New) 3.3 added association to DocumentReference named +blanketOrder (WR 16-024) Change: (New) 3.3 added association to DocumentReference named +customerDocumentReference (WR 16-068) Change: (New) 3.3 added association to DocumentReference named +deliverySchedule (WR 16-086) Change: (New) 3.3 added association to DocumentReference named +invoice (WR 16-087) Change: (New) 3.3 added association to DocumentReference named +orderResponse (WR 16-089) Change: (New) 3.3 added association to DocumentReference named +promotionalDeal (WR 16-088) Change: (New) 3.3 added association to DocumentReference named +returnsInstruction (WR 16-090) Change: (New) 3.3 added association to DocumentReference named +splitDeliveryReference (WR 16-085) Change: (New) 3.3 added association to DocumentReference named +transportInstruction (WR 16-084) Change: (New) 3.3 added association to EndCustomerRelatedDetails (WR 16-093) Change: (New) 3.3 added association to ReferenceNumber class (WR 16-031, 069, 079) Change: (New) 3.3 added association to TransactionalParty named +freightForwarder (WR 16-094) Change: (New) 3.3 added association to TransactionalParty named +invoicee (WR 16-091) Change: (New) 3.3 added association to TransactionalParty named +logisticServiceProvider (WR 16-092) Change: (New) 3.3 changed association from EntityIdentification to Ecom_EntityIdentification (WR 15-314) Change: (New) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314) </div> </div> </div> | 16-000099 16-000245 |
| <p>Created class EndCustomerDetails and associated it to the DespatchAdvice class</p> <div> class DespatchAdvice - maintenance view <div> <div> «root, » DespatchAdvice </div> <div> + deliveryTypeCode :DeliveryTypeCode [0..1] + rackIDAtPickUpLocation :string [0..*] = {1..35} + totalDepositAmount :Amount [0..1] + note :Description500 [0..1] </div> <div> maintenance Change: (Complete) 3.1 added +buyer (BRAD WIO-DA-1) Change: (Complete) 3.1 added +seller (BRAD WIO-DA-2) Change: (Complete) 3.2 changed generalisation from Document to eComDocument class to include AVP (WR 14-110) Change: (New) 3.3 added +rackIDAtPickUpLocation (WR 16-099) Change: (New) 3.3 added +totalDepositAmount (WR 16-245) Change: (New) 3.3 added association to DocumentReference named +blanketOrder (WR 16-024) Change: (New) 3.3 added association to DocumentReference named +customerDocumentReference (WR 16-068) Change: (New) 3.3 added association to DocumentReference named +deliverySchedule (WR 16-086) Change: (New) 3.3 added association to DocumentReference named +invoice (WR 16-087) Change: (New) 3.3 added association to DocumentReference named +orderResponse (WR 16-089) Change: (New) 3.3 added association to DocumentReference named +promotionalDeal (WR 16-088) Change: (New) 3.3 added association to DocumentReference named +returnsInstruction (WR 16-090) Change: (New) 3.3 added association to DocumentReference named +splitDeliveryReference (WR 16-085) Change: (New) 3.3 added association to DocumentReference named +transportInstruction (WR 16-084) Change: (New) 3.3 added association to EndCustomerRelatedDetails (WR 16-093) Change: (New) 3.3 added association to ReferenceNumber class (WR 16-031, 069, 079) Change: (New) 3.3 added association to TransactionalParty named +freightForwarder (WR 16-094) Change: (New) 3.3 added association to TransactionalParty named +invoicee (WR 16-091) Change: (New) 3.3 added association to TransactionalParty named +logisticServiceProvider (WR 16-092) Change: (New) 3.3 changed association from EntityIdentification to Ecom_EntityIdentification (WR 15-314) Change: (New) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314) </div> </div> <div> eCom Common Components: TransactionalParty: EndCustomerRelatedDetails maintenance Change: (New) 3.3 new class (WR 15-282, 16-093, 16-306) </div> </div> | 16-000093 |

| Change | Associated WR |
|---|--|
| <p>Created class TransactionalGenericReference and associated it to the DespatchAdvice class</p> <p>class DespatchAdvice - maintenance view</p> | 16-000031 16-000069 16-000079 16-000083 |
| <ul style="list-style-type: none"> added association to TransactionalParty named +invoicee (WR 16-091) added association to TransactionalParty named +logisticServiceProvider (WR 19-092) added association to TransactionalParty named +freightforwarder (WR 16-094) <p>class DespatchAdvice - maintenance view</p> | 16-000091 16-000092 16-000094 |

| Change | Associated WR |
|--|------------------|
| <p>Added +pickUpTime (WR 246)</p> <div> class DespatchAdviceLineItem - maintenance view <div> <div> « » DespatchAdviceLineItem + lineItemNumber :positiveInteger + parentLineItemNumber :positiveInteger [0..1] + despatchedQuantity :Quantity + countryOfLastProcessing :CountryCode [0..1] + countryOfOrigin :CountryCode [0..1] + extension :extension [0..1] + freeGoodsQuantity :Quantity [0..1] + handlingInstructionCode :HandlingInstructionCode [0..*] + note :Description500 [0..1] + pickUpDateTime :dateTime [0..1] + requestedQuantity :Quantity [0..1] «association» + avpList :Ecom_AttributeValuePairList [0..1] </div> <div> maintenance Change: (Complete) 3.2 added +avpList (WR 14-110) Change: (Complete) 3.2 added +parentLineItemNumber (WR 14-021 & 14-044) Change: (New) 3.3 added +pickUpDateTime (WR 16-246) Change: (New) 3.3 added association to Amount named +totalLineAmount (WR 15-038) Change: (New) 3.3 added association to Contact named +costAccountingContact (WR 16-060 & 061) Change: (New) 3.3 added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068) Change: (New) 3.3 added association to Ecom_PartyIdentification named +customer (WR 16-247) Change: (New) 3.3 added association to PackagingMarking (WR 16-100) Change: (New) 3.3 added association to the TransactionalGenericReference (WR 16-031) Change: (New) 3.3 changed association from ConsignmentIdentification to Ecom_ConsignmentIdentification (WR 15-314) Change: (New) 3.3 changed association from TradeItemIdentification to Ecom_TradeItemIdentification (WR 15-314) Change: (New) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314) </div> </div> </div> | 16-000246 |
| <p>Added association to Amount named +totalLineAmount (WR 15-038)</p> <div> class DespatchAdviceLineItem - maintenance view <div> <div> « » DespatchAdviceLineItem + lineItemNumber :positiveInteger + parentLineItemNumber :positiveInteger [0..1] + despatchedQuantity :Quantity + countryOfLastProcessing :CountryCode [0..1] + countryOfOrigin :CountryCode [0..1] + extension :extension [0..1] + freeGoodsQuantity :Quantity [0..1] + handlingInstructionCode :HandlingInstructionCode [0..*] + note :Description500 [0..1] + pickUpDateTime :dateTime [0..1] + requestedQuantity :Quantity [0..1] «association» + avpList :Ecom_AttributeValuePairList [0..1] </div> <div> maintenance Change: (Complete) 3.2 added +avpList (WR 14-110) Change: (Complete) 3.2 added +parentLineItemNumber (WR 14-021 & 14-044) Change: (New) 3.3 added +pickUpDateTime (WR 16-246) Change: (New) 3.3 added association to Amount named +totalLineAmount (WR 15-038) Change: (New) 3.3 added association to Contact named +costAccountingContact (WR 16-060 & 061) Change: (New) 3.3 added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068) Change: (New) 3.3 added association to Ecom_PartyIdentification named +customer (WR 16-247) Change: (New) 3.3 added association to PackagingMarking (WR 16-100) Change: (New) 3.3 added association to the TransactionalGenericReference (WR 16-031) Change: (New) 3.3 changed association from ConsignmentIdentification to Ecom_ConsignmentIdentification (WR 15-314) Change: (New) 3.3 changed association from TradeItemIdentification to Ecom_TradeItemIdentification (WR 15-314) Change: (New) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314) </div> </div> <div> «dataType» float Shared Compound Data Types: Amount +totalLineAmount 0..1 </div> </div> | 15-000038 |

| Change | Associated WR |
|---|---|
| <p>Added association to Contact named +costAccountingContact (WRs 15-060, 061)</p> <p>class DespatchAdviceLineItem - maintenance view</p> <p>Shared Common Components::Contact</p> <p>DespatchAdviceLineItem</p> <p>+ lineItemNumber :positiveInteger</p> <p>+ parentLineItemNumber :positiveInteger [0..1]</p> <p>+ dispatchedQuantity :Quantity</p> <p>+ countryOfLastProcessing :CountryCode [0..1]</p> <p>+ countryOfOrigin :CountryCode [0..1]</p> <p>+ extension :extension [0..1]</p> <p>+ freeGoodsQuantity :Quantity [0..1]</p> <p>+ handlingInstructionCode :HandlingInstructionCode [0..1]</p> <p>+ note :Description500 [0..1]</p> <p>+ pickUpDateTime :dateTime [0..1]</p> <p>+ requestedQuantity :Quantity [0..1]</p> <p>«association»</p> <p>+ avpList :Ecom_AttributeValuePairList [0..1]</p> <p>maintenance</p> <p>Change: (Complete) 3.2 added +avpList (WR 14-110)</p> <p>Change: (Complete) 3.2 added +parentLineItemNumber (WR 14-021 & 14-044)</p> <p>Change: (New) 3.3 added +pickUpDateTime (WR 16-246)</p> <p>Change: (New) 3.3 added association to Amount named +totalLineAmount (WR 15-038)</p> <p>Change: (New) 3.3 added association to Contact named +costAccountingContact (WR 16-060 & 061)</p> <p>Change: (New) 3.3 added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068)</p> <p>Change: (New) 3.3 added association to Ecom_PartyIdentification named +customer (WR 16-247)</p> <p>Change: (New) 3.3 added association to PackagingMarking (WR 16-100)</p> <p>Change: (New) 3.3 added association to the TransactionalGenericReference (WR 16-031)</p> <p>Change: (New) 3.3 changed association from ConsignmentIdentification to Ecom_ConsignmentIdentification (WR 15-314)</p> <p>Change: (New) 3.3 changed association from TradeItemIdentification to Ecom_TradeItemIdentification (WR 15-314)</p> <p>Change: (New) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314)</p> | <p>16-000060</p> <p>16-000061</p> |
| <ul style="list-style-type: none"> Created Ecom_DocumentReference class and changed association from the previous DocumentReference (WR 15-314) Added association to Ecom_DocumentReference named +customerDocumentReference (WR16-068) <p>class DespatchAdviceLineItem - maintenance view</p> <p>Ecom_EntryIdentification</p> <p>0..1</p> <p>+productCertification</p> <p>+promotionalDeal</p> <p>0..1</p> <p>+customerReference</p> <p>0..1</p> <p>+specification</p> <p>0..1</p> <p>+deliveryNote</p> <p>0..1</p> <p>+contract</p> <p>0..1</p> <p>+purchaseOrder</p> <p>0..1</p> <p>+purchaseConditions</p> <p>0..1</p> <p>+customerDocumentReference</p> <p>0..1</p> <p>«association»</p> <p>+ avpList :Ecom_AttributeValuePairList [0..1]</p> <p>maintenance</p> <p>Change: (Complete) 3.2 added +avpList (WR 14-110)</p> <p>Change: (Complete) 3.2 added +parentLineItemNumber (WR 14-021 & 14-044)</p> <p>Change: (New) 3.3 added +pickUpDateTime (WR 16-246)</p> <p>Change: (New) 3.3 added association to Amount named +totalLineAmount (WR 15-038)</p> <p>Change: (New) 3.3 added association to Contact named +costAccountingContact (WR 16-060 & 061)</p> <p>Change: (New) 3.3 added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068)</p> <p>Change: (New) 3.3 added association to Ecom_PartyIdentification named +customer (WR 16-247)</p> <p>Change: (New) 3.3 added association to PackagingMarking (WR 16-100)</p> <p>Change: (New) 3.3 added association to the TransactionalGenericReference (WR 16-031)</p> <p>Change: (New) 3.3 changed association from ConsignmentIdentification to Ecom_ConsignmentIdentification (WR 15-314)</p> <p>Change: (New) 3.3 changed association from TradeItemIdentification to Ecom_TradeItemIdentification (WR 15-314)</p> <p>Change: (New) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314)</p> | <p>15-000314</p> <p>16-000068</p> |

| Change | Associated WR |
|--|------------------------|
| <ul style="list-style-type: none"> Created Ecom_PartyIdentification class and changed association from the previous PartyIdentification (WR 15-314) added association to Ecom_PartyIdentification named +customer (WR 16-247) <div> class DespatchAdviceLineItem - maintenance view <div> <div> eCom GS1 Identification:: Ecom_PartyIdentification maintenance Change: (New) 3.3 New class (WR 15-314) </div> <div> DespatchAdviceLineItem + lineItemNumber :positiveInteger + parentLineItemNumber :positiveInteger [0..1] + dispatchedQuantity :Quantity + countryOfLastProcessing :CountryCode [0..1] + countryOfOrigin :CountryCode [0..1] + extension :extension [0..1] + freeGoodsQuantity :Quantity [0..1] + handlingInstructionCode :HandlingInstructionCode [0..*] + note :Description500 [0..1] + pickupDateTime :dateTime [0..1] + requestedQuantity :Quantity [0..1] + association + avpList :Ecom_AttributeValuePairList [0..1] maintenance Change: (Complete) 3.2 added +avpList (WR 14-110) Change: (Complete) 3.2 added +parentLineItemNumber (WR 14-021 & 14-044) Change: (New) 3.3 added +pickupDateTime (WR 16-246) Change: (New) 3.3 added association to Amount named +totalLineAmount (WR 15-038) Change: (New) 3.3 added association to Contact named +costAccountingContact (WR 16-060 & 061) Change: (New) 3.3 added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068) Change: (New) 3.3 added association to Ecom_PartyIdentification named +customer (WR 16-247) Change: (New) 3.3 added association to PackagingMarking (WR 16-100) Change: (New) 3.3 added association to the TransactionalGenericReference (WR 16-031) Change: (New) 3.3 changed association from ConsignmentIdentification to Ecom_ConsignmentIdentification (WR 15-314) Change: (New) 3.3 changed association from TradeItemIdentification to Ecom_TradeItemIdentification (WR 15-314) Change: (New) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314) </div> </div> </div> | 15-000314 16-000247 |
| Created class TransactionalGenericReference and associated it to the DespatchAdviceLineItem class (WR 16-031) <div> class DespatchAdviceLineItem - maintenance view <div> <div> eCom Common Components::TransactionalGenericReference maintenance Change: (New) 3.3 new class (WR 16-030, 031, 069, 071, 079, 083) </div> <div> DespatchAdviceLineItem + lineItemNumber :positiveInteger + dispatchedQuantity :Quantity + countryOfLastProcessing :CountryCode [0..1] + countryOfOrigin :CountryCode [0..1] + extension :extension [0..1] + freeGoodsQuantity :Quantity [0..1] + handlingInstructionCode :HandlingInstructionCode [0..*] + parentLineItemNumber :positiveInteger [0..1] + note :Description500 [0..1] + requestedQuantity :Quantity [0..1] + pickupDateTime :dateTime [0..1] + association + avpList :Ecom_AttributeValuePairList [0..1] maintenance Change: (Complete) 3.2 added +avpList (WR 14-110) Change: (Complete) 3.2 added +parentLineItemNumber (WR 14-021 & 14-044) Change: (New) 3.3 added +pickupDateTime (WR 16-246) Change: (New) 3.3 added association to Amount named +totalLineAmount (WR 15-038) Change: (New) 3.3 added association to Contact named +costAccountingContact (WR 16-060 & 061) Change: (New) 3.3 added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068) Change: (New) 3.3 added association to Ecom_PartyIdentification named +customer (WR 16-247) Change: (New) 3.3 added association to PackagingMarking (WR 16-100) Change: (New) 3.3 added association to the TransactionalGenericReference (WR 16-031) Change: (New) 3.3 changed association from ConsignmentIdentification to Ecom_ConsignmentIdentification (WR 15-314) Change: (New) 3.3 changed association from TradeItemIdentification to Ecom_TradeItemIdentification (WR 15-314) Change: (New) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314) </div> </div> </div> | 16-000031 |
| Created class PackagingMarking and associated it to DespatchAdviceLineItem class (WR 16-100) <div> class DespatchAdviceLineItem - maintenance view <div> <div> DespatchAdviceLineItem + lineItemNumber :positiveInteger + parentLineItemNumber :positiveInteger [0..1] + dispatchedQuantity :Quantity + countryOfLastProcessing :CountryCode [0..1] + countryOfOrigin :CountryCode [0..1] + extension :extension [0..1] + freeGoodsQuantity :Quantity [0..1] + handlingInstructionCode :HandlingInstructionCode [0..*] + note :Description500 [0..1] + pickupDateTime :dateTime [0..1] + requestedQuantity :Quantity [0..1] + association + avpList :Ecom_AttributeValuePairList [0..1] maintenance Change: (Complete) 3.2 added +avpList (WR 14-110) Change: (Complete) 3.2 added +parentLineItemNumber (WR 14-021 & 14-044) Change: (New) 3.3 added +pickupDateTime (WR 16-246) Change: (New) 3.3 added association to Amount named +totalLineAmount (WR 15-038) Change: (New) 3.3 added association to Contact named +costAccountingContact (WR 16-060 & 061) Change: (New) 3.3 added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068) Change: (New) 3.3 added association to Ecom_PartyIdentification named +customer (WR 16-247) Change: (New) 3.3 added association to PackagingMarking (WR 16-100) Change: (New) 3.3 added association to the TransactionalGenericReference (WR 16-031) Change: (New) 3.3 changed association from ConsignmentIdentification to Ecom_ConsignmentIdentification (WR 15-314) Change: (New) 3.3 changed association from TradeItemIdentification to Ecom_TradeItemIdentification (WR 15-314) Change: (New) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314) </div> <div> eCom Common Components::PackagingMarking </div> </div> </div> | 16-000100 |

| Change | Associated WR |
|---|---------------|
| <p>Created Ecom_ConsignmentIdentification class and changed association from the previous ConsignmentIdentification (WR 15-314)</p> <p>class DespatchAdviceLineItem - maintenance view</p> <pre> class DespatchAdviceLineItem { + lineItemNumber :positiveInteger + parentLineItemNumber :positiveInteger [0..1] + dispatchedQuantity :Quantity + countryOfLastProcessing :CountryCode [0..1] + countryOfOrigin :CountryCode [0..1] + extension :extension [0..1] + freeGoodsQuantity :Quantity [0..1] + handlingInstructionCode :HandlingInstructionCode [0..1] + note :Description500 [0..1] + pickupDateTime :dateTime [0..1] + requestedQuantity :Quantity [0..1] + associations + avpList :Ecom_AttributeValuePairList [0..1] } </pre> <p>Change: (Complete) 3.2 added +avpList (WR 14-110) Change: (Complete) 3.2 added +parentLineItemNumber (WR 14-021 & 14-044) Change: (New) 3.3 added +pickupDateTime (WR 16-246) Change: (New) 3.3 added association to Amount named +totalLineAmount (WR 15-038) Change: (New) 3.3 added association to Contact named +cosAccountingContact (WR 16-060 & 061) Change: (New) 3.3 added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068) Change: (New) 3.3 added association to Ecom_PartyIdentification named +customer (WR 16-247) Change: (New) 3.3 added association to PackagingMarking (WR 16-100) Change: (New) 3.3 added association to the TransactionalGenericReference (WR 16-031) Change: (New) 3.3 changed association from ConsignmentIdentification to Ecom_ConsignmentIdentification (WR 15-314) Change: (New) 3.3 changed association from TradeItemIdentification to Ecom_TradeItemIdentification (WR 15-314) Change: (New) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314)</p> <p>+referencedConsignment 0..1</p> <p>eCom GS1 Identification: Ecom_ConsignmentIdentification maintenance Change: (New) 3.3 New class (WR 15-314)</p> | 15-000314 |
| <ul style="list-style-type: none"> added association to Person class named driverID (WR 13-203) added association to Person class named receiverID (WR 13-203) <p>class DespatchAdviceTransportInformation - maintenance view</p> <pre> class DespatchAdviceTransportInformation { + transportMeansID :Identifier [0..1] + transportMeansName :string [0..1] = (1..80) + transportModeCode :TransportModeCode [0..1] + routeID :Identifier [0..1] } </pre> <p>Change: (Complete) 3.2 added +routeID (WR 13-203) Change: (Complete) 3.2 added +transportMeansName (WR 13-203) Change: (Complete) 3.2 added association to CarrierTrackAndTraceInformation (WR 13-106) Change: (Complete) 3.2 added association to Contact class with role name +driver (WR 13-203) Change: (Complete) 3.2 added association to Contact class with role name +receiver (WR 13-203) Change: (New) 3.3 added association to Person named +driverID (WR 13-203) Change: (New) 3.3 added association to Person named +receiverID (WR 13-203) Change: (New) 3.3 added association to TransportSeal (WR 16-095) Change: (New) 3.3 added role name +consignmentIdentification to Ecom_ConsignmentIdentification association for backward compatibility Change: (New) 3.3 added role name +shipmentIdentification to Ecom_ShipmentIdentification association for backward compatibility Change: (New) 3.3 changed association from ConsignmentIdentification to Ecom_ConsignmentIdentification (WR 15-314) Change: (New) 3.3 changed association from ShipmentIdentification to Ecom_ShipmentIdentification (WR 15-314) Change: (New) 3.3 changed association named +billOfLadingNumber from DocumentReference to Ecom_DocumentReference (WR 15-314)</p> <p>+driverID 0..1 +receiverID 0..1</p> <p>eCom Common Components::Person</p> | 13-000203 |
| <p>Added association to TransportSeal (WR 16-095)</p> <p>class DespatchAdviceTransportInformation - maintenance view</p> <pre> class DespatchAdviceTransportInformation { + transportMeansID :Identifier [0..1] + transportMeansName :string [0..1] = (1..80) + transportModeCode :TransportModeCode [0..1] + routeID :Identifier [0..1] } </pre> <p>Change: (Complete) 3.2 added +routeID (WR 13-203) Change: (Complete) 3.2 added +transportMeansName (WR 13-203) Change: (Complete) 3.2 added association to CarrierTrackAndTraceInformation (WR 13-106) Change: (Complete) 3.2 added association to Contact class with role name +driver (WR 13-203) Change: (Complete) 3.2 added association to Contact class with role name +receiver (WR 13-203) Change: (New) 3.3 added association to Person named +driverID (WR 13-203) Change: (New) 3.3 added association to Person named +receiverID (WR 13-203) Change: (New) 3.3 added association to TransportSeal (WR 16-095) Change: (New) 3.3 added role name +consignmentIdentification to Ecom_ConsignmentIdentification association for backward compatibility Change: (New) 3.3 added role name +shipmentIdentification to Ecom_ShipmentIdentification association for backward compatibility Change: (New) 3.3 changed association from ConsignmentIdentification to Ecom_ConsignmentIdentification (WR 15-314) Change: (New) 3.3 changed association from ShipmentIdentification to Ecom_ShipmentIdentification (WR 15-314) Change: (New) 3.3 changed association named +billOfLadingNumber from DocumentReference to Ecom_DocumentReference (WR 15-314)</p> <p>0..1</p> <p>eCom Common Components::TransportSeal</p> | 16-000095 |

| Change | Associated WR |
|--|---------------|
| <p>Created Ecom_ConsignmentIdentification class and changed association from the previous ConsignmentIdentification; added association name +consignmentIdentification (WR 15-314)</p> <pre> class DespatchAdviceTransportInformation - maintenance view class DespatchAdviceTransportInformation + transportMeanID :Identifier [0..1] + transportMeanName :string [0..1] = (1..80) + transportModeCode :TransportModeCode [0..1] + routeID :Identifier [0..1] maintenance Change: (Complete) 3.2 added +routeID (WR 13-203) Change: (Complete) 3.2 added +transportMeanName (WR 13-203) Change: (Complete) 3.2 added association to CarrierTrackAndTraceInformation (WR 13-106) Change: (Complete) 3.2 added association to Contact class with role name +driver (WR 13-203) Change: (Complete) 3.2 added association to Contact class with role name +receiver (WR 13-203) Change: (New) 3.3 added association to Person named +driverID (WR 13-203) Change: (New) 3.3 added association to Person named +receiverID (WR 13-203) Change: (New) 3.3 added association to TransportSeal (WR 16-095) Change: (New) 3.3 added role name +consignmentIdentification to Ecom_ConsignmentIdentification association for backward compatibility Change: (New) 3.3 added role name +shipmentIdentification to Ecom_ShipmentIdentification association for backward compatibility Change: (New) 3.3 changed association from ConsignmentIdentification to Ecom_ConsignmentIdentification (WR 15-314) Change: (New) 3.3 changed association from ShipmentIdentification to Ecom_ShipmentIdentification (WR 15-314) Change: (New) 3.3 changed association named +billOfLadingNumber from DocumentReference to Ecom_DocumentReference (WR 15-314) </pre> <p>+consignmentIdentification</p> <p>eCom GS1 Identification:: Ecom_ConsignmentIdentification maintenance Change: (New) 3.3 New class (WR 15-314)</p> | 15-000314 |
| <p>Created Ecom_ShipmentIdentification class and changed association from the previous ShipmentIdentification added association name +shipmentIdentification (WR 15-314)</p> <pre> class DespatchAdviceTransportInformation - maintenance view class DespatchAdviceTransportInformation + transportMeanID :Identifier [0..1] + transportMeanName :string [0..1] = (1..80) + transportModeCode :TransportModeCode [0..1] + routeID :Identifier [0..1] maintenance Change: (Complete) 3.2 added +routeID (WR 13-203) Change: (Complete) 3.2 added +transportMeanName (WR 13-203) Change: (Complete) 3.2 added association to CarrierTrackAndTraceInformation (WR 13-106) Change: (Complete) 3.2 added association to Contact class with role name +driver (WR 13-203) Change: (Complete) 3.2 added association to Contact class with role name +receiver (WR 13-203) Change: (New) 3.3 added association to Person named +driverID (WR 13-203) Change: (New) 3.3 added association to Person named +receiverID (WR 13-203) Change: (New) 3.3 added association to TransportSeal (WR 16-095) Change: (New) 3.3 added role name +consignmentIdentification to Ecom_ConsignmentIdentification association for backward compatibility Change: (New) 3.3 added role name +shipmentIdentification to Ecom_ShipmentIdentification association for backward compatibility Change: (New) 3.3 changed association from ConsignmentIdentification to Ecom_ConsignmentIdentification (WR 15-314) Change: (New) 3.3 changed association from ShipmentIdentification to Ecom_ShipmentIdentification (WR 15-314) Change: (New) 3.3 changed association named +billOfLadingNumber from DocumentReference to Ecom_DocumentReference (WR 15-314) </pre> <p>+shipmentIdentification</p> <p>eCom GS1 Identification:: Ecom_ShipmentIdentification maintenance Change: (New) 3.3 New class (WR 15-314)</p> | 15-000314 |
| <p>Created Ecom_DocumentReference class and changed association from the previous DocumentReference (WR 15-314)</p> <pre> class DespatchAdviceTransportInformation - maintenance view class DespatchAdviceTransportInformation + transportMeanID :Identifier [0..1] + transportMeanName :string [0..1] = (1..80) + transportModeCode :TransportModeCode [0..1] + routeID :Identifier [0..1] maintenance Change: (Complete) 3.2 added +routeID (WR 13-203) Change: (Complete) 3.2 added +transportMeanName (WR 13-203) Change: (Complete) 3.2 added association to CarrierTrackAndTraceInformation (WR 13-106) Change: (Complete) 3.2 added association to Contact class with role name +driver (WR 13-203) Change: (Complete) 3.2 added association to Contact class with role name +receiver (WR 13-203) Change: (New) 3.3 added association to Person named +driverID (WR 13-203) Change: (New) 3.3 added association to Person named +receiverID (WR 13-203) Change: (New) 3.3 added association to TransportSeal (WR 16-095) Change: (New) 3.3 added role name +consignmentIdentification to Ecom_ConsignmentIdentification association for backward compatibility Change: (New) 3.3 added role name +shipmentIdentification to Ecom_ShipmentIdentification association for backward compatibility Change: (New) 3.3 changed association from ConsignmentIdentification to Ecom_ConsignmentIdentification (WR 15-314) Change: (New) 3.3 changed association from ShipmentIdentification to Ecom_ShipmentIdentification (WR 15-314) Change: (New) 3.3 changed association named +billOfLadingNumber from DocumentReference to Ecom_DocumentReference (WR 15-314) </pre> <p>+billOfLadingNumber</p> <p>eCom Common Components::Ecom_DocumentReference maintenance Change: (New) 3.3 added +referencedDocumentUri (WR 16-261) Change: (New) 3.3 New class (WR 15-314)</p> | 15-000314 |
| <p>Created class SplitReference (WR 16-085)</p> <pre> class SplitDeliveryReference - maintenance view class SplitDeliveryReference + totalNumberOfCorrespondingDespatchAdvices :positiveInteger maintenance Change: (New) 3.3 changed association from DocumentReference to Ecom_DocumentReference (WR 15-314) Change: (New) 3.3 new class (WR 16-085) </pre> <p>+correspondingDespatchAdvice</p> <p>eCom Common Components::Ecom_DocumentReference maintenance Change: (New) 3.3 added +referencedDocumentUri (WR 16-261) Change: (New) 3.3 New class (WR 15-314)</p> | 16-000085 |

7.5 BMS Release 3.4

| Change | Associated WR |
|--|--|
| <p>Added:</p> <ul style="list-style-type: none"> ■ totalNumberOfLines to the DespatchAdvice class ■ changed multiplicity of totalDepositAmount from 0..1 to 0..* <div> class DespatchAdvice - maintenance view <div> <pre> <root> * DespatchAdvice + deliveryTypeCode :DeliveryTypeCode [0..1] + rackIDATPickUpLocation :string [0..*] = {1..35} + totalDepositAmount :Amount [0..*] + note :Description500 [0..1] + totalNumberOfLines :positiveInteger [0..1] maintenance Change: (Complete) 3.1 added +buyer (BRAD WIO-DA-1) Change: (Complete) 3.1 added +seller (BRAD WIO-DA-2) Change: (Complete) 3.2 changed generalisation from Document to eComDocument class to include AVP (WR 14-110) Change: (Complete) 3.3 added +rackIDATPickUpLocation (WR 16-099) Change: (Complete) 3.3 added +totalDepositAmount (WR 16-245) Change: (Complete) 3.3 added association to Ecom_DocumentReference named +blanketOrder (WR 16-024) Change: (Complete) 3.3 added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068) Change: (Complete) 3.3 added association to Ecom_DocumentReference named +deliverySchedule (WR 16-086) Change: (Complete) 3.3 added association to Ecom_DocumentReference named +invoice (WR 16-087) Change: (Complete) 3.3 added association to Ecom_DocumentReference named +orderResponse (WR 16-089) Change: (Complete) 3.3 added association to Ecom_DocumentReference named +promotionalDeal (WR 16-088) Change: (Complete) 3.3 added association to Ecom_DocumentReference named +returnsInstruction (WR 16-090) Change: (Complete) 3.3 added association to Ecom_DocumentReference named +splitDeliveryReference (WR 16-085) Change: (Complete) 3.3 added association to Ecom_DocumentReference named +transportInstruction (WR 16-084) Change: (Complete) 3.3 added association to EndCustomerRelatedDetails (WR 16-093) Change: (Complete) 3.3 added association to TransactionalGenericReference class (WR 16-031, 069, 079) Change: (Complete) 3.3 added association to TransactionalParty named +freightForwarder (WR 16-094) Change: (Complete) 3.3 added association to TransactionalParty named +invoicee (WR 16-091) Change: (Complete) 3.3 added association to TransactionalParty named +logisticServiceProvider (WR 16-092) Change: (Complete) 3.3 changed association from EntityIdentification to Ecom_EntityIdentification (WR 15-314) Change: (Complete) 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314) Change: (New) 3.4 added +totalNumberOfLines (WR 17-034) Change: (New) 3.4 changed multiplicity of +totalDepositAmount from 0..1 to 0..* (WR 18-127) </pre> </div> </div> | <p>17-000034</p> <p>Add:</p> <ul style="list-style-type: none"> ■ number of Lines <p>18-000127</p> <ul style="list-style-type: none"> ■ Make the totalDepositAmount repeatable |

| Change | Associated WR |
|---|---|
| <p>Added:</p> <ul style="list-style-type: none"> ■ association named to Ecom_LogisticUnitIdentification parentLogisticUnitId ■ hasItemBeenScannedAtPos ■ Ecom_PartyIdentification named couponClearingHouse ■ new code list DutyFeeTaxLiabilityCode ■ new code list DutyFeeTaxLiabilityCode ■ attribute firstInFirstOutDateTime ■ inventoryStatusType and added missing codes to InventoryStatusCode list ■ actualProcessedQuantity ■ association to Ecom_PartyIdentification named itemOwner ■ association to Ecom_PartyIdentification named originalSupplier | <p>16-000349 Add:</p> <ul style="list-style-type: none"> ■ Parent logistic unit Id <p>17-000036</p> <ul style="list-style-type: none"> ■ indicator if coupon has been scanned <p>17-000039</p> <ul style="list-style-type: none"> ■ internal code to identify the clearing house <p>17-000311</p> <ul style="list-style-type: none"> ■ is customs bond required ■ is duty processing required ■ first in first out date ■ inventory status code ■ catch quantity ■ item owner ■ supplier identifier |

| Change | Associated WR |
|---|--|
| <ul style="list-style-type: none"> License plate number is already available in despatchAdviceTransportInformation – transportMeansID, added TransportMeansType that allows specifying that the ID is related to the trailer. The general code for Trailer has been added to TransportMeansTypeCode list Added transportMeansType attribute to DespatchAdviceTransportInformation class. The attribute contains the TransportMeansTypeCode list with the code 32E– Trailer <pre> class DespatchAdviceTransportInformation - maintenance view « » DespatchAdviceTransportInformation + transportMeansID :Identifier [0..1] + transportMeansName :string [0..1] = {1..80} + transportModeCode :TransportModeCode [0..1] + routeID :Identifier [0..1] + transportMeansType :TransportMeansTypeCode [0..1] maintenance Change: (Complete) 3.2 added +routeID (WR 13-203) Change: (Complete) 3.2 added +transportMeansName (WR 13-203) Change: (Complete) 3.2 added association to CarrierTrackAndTraceInformation (WR 13-106) Change: (Complete) 3.2 added association to Contact class with role name +driver (WR 13-203) Change: (Complete) 3.2 added association to Contact class with role name +receiver (WR 13-203) Change: (Complete) 3.3 added association to Person named +driverID (WR 13-203) Change: (Complete) 3.3 added association to Person named +receiverID (WR 13-203) Change: (Complete) 3.3 added association to TransportSeal (WR 16-095) Change: (Complete) 3.3 added role name +consignmentIdentification to Ecom_ConsignmentIdentification association for backward compatibility Change: (Complete) 3.3 added role name +shipmentIdentification to Ecom_ShipmentIdentification association for backward compatibility Change: (Complete) 3.3 changed association from ConsignmentIdentification to Ecom_ConsignmentIdentification (WR 15-314) Change: (Complete) 3.3 changed association from ShipmentIdentification to Ecom_ShipmentIdentification (WR 15-314) Change: (Complete) 3.3 changed association named +billOfLadingNumber from DocumentReference to Ecom_DocumentReference (WR 15-314) Change: (New) 3.4 added +transportMeansType (WR 17-311 - 318) </pre> | 16-000349 Add: <ul style="list-style-type: none"> trailer license number truck license number |
| Added Packaging hierarchy examples – section 6.2.2 | 16-000145 |

7.6 BMS Release 3.5

| Change | Associated WR |
|--|---|
| <p>Added:</p> <ul style="list-style-type: none"> despatchAdviceTypeCode <pre> class DespatchAdvice - maintenance view «root, » DespatchAdvice + despatchAdviceTypeCode :DespatchAdviceTypeCode [0..1] + deliveryTypeCode :DeliveryTypeCode [0..1] + rackIDatPickUpLocation :string [0..*] = {1..35} + totalDepositAmount :Amount [0..*] + note :Description500 [0..1] + totalNumberOfLines :positiveInteger [0..1] maintenance Change 3.1 added +buyer (BRAD WIO-DA-1) Complete 3.1 added +seller (BRAD WIO-DA-2) Complete 3.2 changed generalisation from Document to eComDocument class to include AVP (WR 14-110) Complete 3.3 added +rackIDatPickUpLocation (WR 16-099) Complete 3.3 added +totalDepositAmount (WR 16-245) Complete 3.3 added association to Ecom_DocumentReference named +blanketOrder (WR 16-024) Complete 3.3 added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068) Complete 3.3 added association to Ecom_DocumentReference named +deliverySchedule (WR 16-086) Complete 3.3 added association to Ecom_DocumentReference named +invoice (WR 16-087) Complete 3.3 added association to Ecom_DocumentReference named +orderResponse (WR 16-089) Complete 3.3 added association to Ecom_DocumentReference named +promotionalDeal (WR 16-088) Complete 3.3 added association to Ecom_DocumentReference named +returnsInstruction (WR 16-090) Complete 3.3 added association to Ecom_DocumentReference named +splitDeliveryReference (WR 16-085) Complete 3.3 added association to Ecom_DocumentReference named +transportInstruction (WR 16-084) Complete 3.3 added association to EndCustomerRelatedDetails (WR 16-093) Complete 3.3 added association to TransactionalGenericReference class (WR 16-031, 069, 079) Complete 3.3 added association to TransactionalParty named +freightForwarder (WR 16-094) Complete 3.3 added association to TransactionalParty named +invoicee (WR 16-091) Complete 3.3 added association to TransactionalParty named +logisticServiceProvider (WR 16-092) Complete 3.3 changed association from EntityIdentification to Ecom_EntityIdentification (WR 15-314) Complete 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314) Complete 3.4 added +totalNumberOfLines (WR 17-034) Complete 3.4 changed multiplicity of +totalDepositAmount from 0..1 to 0..* (WR 18-127) Complete 3.5 added despatchAdviceTypeCode (WR 20-000394) Active </pre> | <ul style="list-style-type: none"> WR-20-000394 |

| Change | Associated WR |
|---|---------------------------|
| <p>■ Added: Association to Transactional party called Consignee</p> <div> class DespatchAdvice - maintenance view </div> <div> <pre> «root, » DespatchAdvice + despatchAdviceTypeCode: DespatchAdviceTypeCode [0..1] + deliveryTypeCode: DeliveryTypeCode [0..1] + rackIDatPickUpLocation: string [0..*] = [1..35] + totalDepositAmount: Amount [0..*] + note: Description500 [0..1] + totalNumberOfLines: positiveInteger [0..1] maintenance Change 3.1 added +buyer (BRAD WIO-DA-1) Complete 3.1 added +seller (BRAD WIO-DA-2) Complete 3.2 changed generalisation from Document to ecomDocument class to include AVP (WR 14-110) Complete 3.3 added +rackIDatPickUpLocation (WR 16-099) Complete 3.3 added +totalDepositAmount (WR 16-245) Complete 3.3 added association to Ecom_DocumentReference named +blanketOrder (WR 16-024) Complete 3.3 added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068) Complete 3.3 added association to Ecom_DocumentReference named +deliverySchedule (WR 16-086) Complete 3.3 added association to Ecom_DocumentReference named +invoice (WR 16-087) Complete 3.3 added association to Ecom_DocumentReference named +orderResponse (WR 16-089) Complete 3.3 added association to Ecom_DocumentReference named +promotionalDeal (WR 16-088) Complete 3.3 added association to Ecom_DocumentReference named +returnsInstruction (WR 16-090) Complete 3.3 added association to Ecom_DocumentReference named +splitDeliveryReference (WR 16-085) Complete 3.3 added association to Ecom_DocumentReference named +transportInstruction (WR 16-084) Complete 3.3 added association to EndCustomerRelatedDetails (WR 16-093) Complete 3.3 added association to TransactionalGenericReference class (WR 16-031, 069, 079) Complete 3.3 added association to TransactionalParty named +freightForwarder (WR 16-094) Complete 3.3 added association to TransactionalParty named +invoicee (WR 16-091) Complete 3.3 added association to TransactionalParty named +logisticServiceProvider (WR 16-092) Complete 3.3 changed association from EntityIdentification to Ecom_EntityIdentification (WR 15-314) Complete 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314) Complete 3.4 added +totalNumberOfLines (WR 17-034) Complete 3.4 changed multiplicity of +totalDepositAmount from 0..1 to 0..* (WR 18-127) Complete 3.5 added association to TransactionalParty named +consignee (WR 20-422) Active 3.5 added despatchAdviceTypeCode (WR 20-000394) Active </pre> </div> | <p>■ WR 20-422</p> |

Change

Associated
WR

- Added new attribute to root class of DespatchAdviceLineItem called **correspondingQuantity**

- WR 20-424**

class DespatchAdviceLineItem - maintenance view

| DespatchAdviceLineItem | |
|--|----------|
| <ul style="list-style-type: none"> + lineNumber: positiveInteger + despatchedQuantity: Quantity + correspondingQuantity: Quantity [0..1] + countryOfLastProcessing: CountryCode [0..1] + countryOfOrigin: CountryCode [0..1] + extension: extension [0..1] + freeGoodsQuantity: Quantity [0..1] + handlingInstructionCode: HandlingInstructionCode [0..*] + parentLineItemNumber: positiveInteger [0..1] + note: Description500 [0..1] + requestedQuantity: Quantity [0..1] + pickupDateTime: dateTime [0..1] + actualProcessedQuantity: Quantity [0..1] + dutyFeeTaxLiability: DutyFeeTaxLiabilityCode [0..*] + firstInFirstOutDateTime: dateTime [0..1] + hasItemBeenScannedAtPos: NonBinaryLogicEnumeration [0..1] + inventoryStatusType: InventoryStatusCode [0..1] | |
| «association» | |
| + avpList: Ecom_AttributeValuePairList [0..1] | |
| maintenance | |
| Change | |
| 3.2 added +avpList (WR 14-110) | Complete |
| 3.2 added +parentLineItemNumber (WR 14-021 & 14-044) | Complete |
| 3.3 added +pickupDateTime (WR 16-246) | Complete |
| 3.3 added association to Amount named +totalLineAmount (WR 15-038) | Complete |
| 3.3 added association to Contact named +costAccountingContact (WR 16-060 & 061) | Complete |
| 3.3 added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068) | Complete |
| 3.3 added association to Ecom_PartyIdentification named +customer (WR 16-247) | Complete |
| 3.3 added association to Ecom_PartyIdentification named +itemOwner (WR 17-311) | Complete |
| 3.3 added association to PackagingMarking (WR 16-100) | Complete |
| 3.3 added association to the TransactionalGenericReference (WR 16-031) | Complete |
| 3.3 changed association from ConsignmentIdentification to Ecom_ConsignmentIdentification (WR 15-314) | Complete |
| 3.3 changed association from TradeItemIdentification to Ecom_TradeItemIdentification (WR 15-314) | Complete |
| 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314) | Complete |
| 3.4 added +actualProcessedQuantity (WR 17-311 - 318) | Complete |
| 3.4 added +dutyFeeTaxLiability (WR 17-311-318) | Complete |
| 3.4 added +firstInFirstOutDateTime (WR 17-311-318) | Complete |
| 3.4 added +hasItemBeenScannedAtPos (WR 17-036) | Complete |
| 3.4 added +inventoryStatusType (WR 17-311-318) | Complete |
| 3.4 added association to Ecom_PartyIdentification named couponClearingHouse (WR 17-039 - 040) | Complete |
| 3.4 added association to Ecom_PartyIdentification named itemOwner (WR 17-311 - 318) | Complete |
| 3.4 added association to Ecom_PartyIdentification named originalSupplier (WR 17-311 - 318) | Complete |
| 3.5 added new attribute correspondingQuantity (WR 20-424) | Active |

- Added new attribute to DespatchAdviceQuantityVariance called **firstDeliveryDateTime**

- WR 20-423**

class DespatchAdviceLineItem - maintenance view

| DespatchAdviceLineItem | |
|--|----------|
| <ul style="list-style-type: none"> + lineNumber: positiveInteger + despatchedQuantity: Quantity + correspondingQuantity: Quantity [0..1] + countryOfLastProcessing: CountryCode [0..1] + countryOfOrigin: CountryCode [0..1] + extension: extension [0..1] + freeGoodsQuantity: Quantity [0..1] + handlingInstructionCode: HandlingInstructionCode [0..*] + parentLineItemNumber: positiveInteger [0..1] + note: Description500 [0..1] + requestedQuantity: Quantity [0..1] + pickupDateTime: dateTime [0..1] + actualProcessedQuantity: Quantity [0..1] + dutyFeeTaxLiability: DutyFeeTaxLiabilityCode [0..*] + firstInFirstOutDateTime: dateTime [0..1] + hasItemBeenScannedAtPos: NonBinaryLogicEnumeration [0..1] + inventoryStatusType: InventoryStatusCode [0..1] | |
| «association» | |
| + avpList: Ecom_AttributeValuePairList [0..1] | |
| maintenance | |
| Change | |
| 3.2 added +avpList (WR 14-110) | Complete |
| 3.2 added +parentLineItemNumber (WR 14-021 & 14-044) | Complete |
| 3.3 added +pickupDateTime (WR 16-246) | Complete |
| 3.3 added association to Amount named +totalLineAmount (WR 15-038) | Complete |
| 3.3 added association to Contact named +costAccountingContact (WR 16-060 & 061) | Complete |
| 3.3 added association to Ecom_DocumentReference named +customerDocumentReference (WR 16-068) | Complete |
| 3.3 added association to Ecom_PartyIdentification named +customer (WR 16-247) | Complete |
| 3.3 added association to Ecom_PartyIdentification named +itemOwner (WR 17-311) | Complete |
| 3.3 added association to PackagingMarking (WR 16-100) | Complete |
| 3.3 added association to the TransactionalGenericReference (WR 16-031) | Complete |
| 3.3 changed association from ConsignmentIdentification to Ecom_ConsignmentIdentification (WR 15-314) | Complete |
| 3.3 changed association from TradeItemIdentification to Ecom_TradeItemIdentification (WR 15-314) | Complete |
| 3.3 changed associations from DocumentReference to Ecom_DocumentReference (WR 15-314) | Complete |
| 3.4 added +actualProcessedQuantity (WR 17-311 - 318) | Complete |
| 3.4 added +dutyFeeTaxLiability (WR 17-311-318) | Complete |
| 3.4 added +firstInFirstOutDateTime (WR 17-311-318) | Complete |
| 3.4 added +hasItemBeenScannedAtPos (WR 17-036) | Complete |
| 3.4 added +inventoryStatusType (WR 17-311-318) | Complete |
| 3.4 added association to Ecom_PartyIdentification named couponClearingHouse (WR 17-039 - 040) | Complete |
| 3.4 added association to Ecom_PartyIdentification named itemOwner (WR 17-311 - 318) | Complete |
| 3.4 added association to Ecom_PartyIdentification named originalSupplier (WR 17-311 - 318) | Complete |
| 3.5 added new attribute correspondingQuantity (WR 20-424) | Active |

| DespatchAdviceQuantityVariance | |
|--|--------|
| <ul style="list-style-type: none"> + varianceReasonCode: varianceReasonCode + varianceQuantity: Quantity + deliveryDateVariance: date [0..1] + firstDeliveryDateTime: dateTime [0..1] + remainingQuantityStatusCode: RemainingQuantityStatusCode [0..1] | |
| maintenance | |
| Change | |
| 3.5 Added new attribute firstDeliveryDate (WR 20-423) | Active |

7.1 BMS Release 3.5.1

No work requests. Indirect changes due to upgrade to new Shared and eCom Common libraries.

7.2 BMS Release 3.6

No work requests. Indirect changes due to upgrade to new Shared and eCom Common libraries.

7.3 BMS Release 3.7

No work requests. Indirect changes due to upgrade to new Shared and eCom Common libraries.

8 Appendices

Not Applicable

9 Acknowledgements

9.1 Work Group

| Function | Name | Company / organisation |
|----------|-----------------------------|---|
| Co-chair | Rossner (Pottier), Natascha | GS1 France |
| Co-chair | Schmidt, Tom Eric | August Storck KG |
| Member | Bemrose, Jonathan | R&R Ice Cream |
| Member | Bodemer, Petra | dm-drogerie markt GmbH + Co. KG |
| Member | Boikanyo, Rebone | GS1 South Africa / Consumer Goods Council of South Africa |
| Member | Canada, ON | M3B 3L1 |
| Member | Carlson, Jim | General Mills, Inc. |
| Member | Chresta, Richard | GS1 Switzerland |
| Member | Cook, Don | Wal-Mart Stores, Inc. |
| Member | Cox, Marc | Philips Electronics N.V. |
| Member | Darnell, David | Systrends |
| Member | De Flou, Nele | GS1 Belgium & Luxembourg |
| Member | Dicks, Arne | GS1 Germany |
| Member | Duvinger, Karina | GS1 Sweden |
| Member | Foerderer, Klaus | GS1 Germany |
| Member | Gathmann, Stefan | GS1 Ireland |
| Member | Grangard, Anders | GS1 Global Office |
| Member | Harpell, Eileen | GS1 Community Room Staff |
| Member | Hand, Phil | JDA Software |
| Member | Herregodts, Kurt | GS1 Belgium & Luxembourg |
| Member | Kempkes, Fred | Unilever N.V. |
| Member | Kernan, Brendan | GS1 Ireland |
| Member | Kidd, Robin | Nestle |
| Member | Krid, Anne-Claire | GS1 France |

| Function | Name | Company / organisation |
|----------|--------------------------|-----------------------------------|
| Member | Lanoue, Tom | General Mills, Inc. |
| Member | Laur, Rita | GS1 Canada |
| Member | Lenman, Mia | GS1 Sweden |
| Member | Lerch, Hanjoerg | METRO Group |
| Member | Moberg, Dale | Axway |
| Member | Montes de Oca, Alejandra | GS1 Mexico |
| Member | Ng, Ella | GS1 Australia |
| Member | Peelen, Esther | GS1 Netherlands |
| Member | Pelekies, Andreas | GS1 Germany |
| Member | Perrier, Patricia | GS1 France |
| Member | Przybilla, Christian | GS1 Germany |
| Member | Pujol, Xavier | GS1 Spain |
| Member | Racek, Greg | Wal-Mart Stores, Inc. |
| Member | Repetto, Mirko | GS1 Italy |
| Member | Robba, Steven | 1WorldSync Holdings, Inc. |
| Member | Rosell, Pere | GS1 Spain |
| Member | Rosenberg, Steven | GS1 US |
| Member | Schmid, Sue | GS1 Australia |
| Member | Schneider, Christian | GS1 Switzerland |
| Member | Sehorz, Eugen | GS1 Austria |
| Member | Sharma, Vishal | General Mills, Inc. |
| Member | Shimazaki, Ayako | GS1 Japan |
| Member | Sion, Emilie | GS1 France |
| Member | Souza, Nadia | GS1 Brasil |
| Member | Strand, Roman | GS1 Germany |
| Member | Tan, Milton | GS1 Malaysia |
| Member | Tompsett, Simon | Waitrose |
| Member | Trelle, Ute | 1WorldSync Holdings, Inc. |
| Member | Tse, Steve | GS1 Hong Kong |
| Member | Tyson, Betty | Knouse Foods Cooperative, Inc |
| Member | Van den Bergh, Senne | GS1 Belgium & Luxembourg |
| Member | Van der Eijk, Pim | OASIS - Sonnenglanz Consulting BV |
| Member | Veldhuis, Saskia | Procter & Gamble Co. |
| Member | Welch, Shan | GS1 UK |
| Member | Westerkamp, Jan | GS1 Netherlands |
| Member | Wilson, Mary | GS1 US |
| Member | Windsperger, Bekki | Best Buy Co., Inc. |
| Member | Yang, Shaopeng | GS1 China |
| Member | Yusdiar, Dani | GS1 Indonesia |
| Member | Zwanziger, Greg | SUPERVALU |

9.2 Development Team Members

| Function | Name | Organisation |
|----------------------------|-----------------|-------------------|
| GSMP Process Lead | David Buckley | GS1 Global Office |
| Technical Development Lead | Miklos Bolyky | GS1 Global Office |
| Peer Review | Mark Van Eeghem | GS1 Global Office |