



# Despatch Advice

## Business Message Standard (BMS)

*Release 3.2*

*01-Dec-2014, Issue 1*



## Document Summary

Document Item	Current Value
Document Title	Business Message Standard (BMS) – Despatch Advice
BMS Release	3.2
Document Version	Issue 1, 01-Dec-2014
Work Group Name	eCom SMG
BMS Template Version	2.4

## Work Request Reference

Date of WR Submission to GSMP:	WR Submitter(s):	Refer to Change Request (WR) Number(s):
25-Feb-2010	GS1 Netherlands	10-000068
15-Oct-2009	GS1 Australia, GS1 Germany, GS1 Netherlands	09-000240
15-Oct-2009	GS1 Australia, GS1 Germany, GS1 Netherlands	09-000238
15-Oct-2009	GS1 Australia, GS1 Germany, GS1 Netherlands	09-000236
15-Oct-2009	GS1 Australia, GS1 Germany, GS1 Netherlands	09-000235
15-Oct-2009	GS1 Australia, GS1 Germany, GS1 Netherlands	09-000233
20-Aug-2008	GS1 Global Office	08-000209
14-Mar-2008	GS1 Australia	08-000054
29-Feb-2008	GS1 Netherlands	08-000039
16-Nov-2007	Accenture	07-000426
03-Jul-2007	GS1 Global Office	07-000271
21-Mar-2007	GS1 Netherlands	07-000103
30-Nov-2004	GS1 Global Office	04-000224
09-Oct-2004	GS1 France	04-000178
09-Jul-2014	Philips Electronics N.V.	13-000106
13-Dec-2013	GS1 Germany	13-000203
13-Dec-2013	GS1 Germany	13-000204
20-May-2014	GS1 Germany	14-000084
07-Feb-2014	GS1 Germany	14-000044
20-Mar-2014	GS1 Slovenia	14-000021
25-Jun-2014	GS1 Global Office	14-000110

## Business Requirements Document (BRAD) Reference

BRAD Title:	BRAD Date:	BRAD Version
BRAD Despatch Advice Country of Processing and Origin	20070606	0.0.4

BRAD Title:	BRAD Date:	BRAD Version
BRD Despatch Advice – Business Requirement Document	20041111	1.0.9.3
BRAD Upstream Standards – Despatch, Receipt and Consumption	20041129	0.1.1
BRD Exchange Traceability and Processing History Data of Beef Products (Slaughter to Retail)	20051102	2.50
BRAD for Current Requirements Queue (Major Release 3)	20101123	Issue 0.2.0

## Document Change History

Date of Change	Version	Changed By	Reason for Change	Summary of Change
12-Jan-2012	BMS 3.0 – Issue 1	Mark Van Eeghem	BMS Release 3.0	See summary of changes
01-May-2013	BMS 3.1 – Issue 1	Coen Janssen	BMS Release 3.1	See summary of changes
01-Dec-2014	BMS 3.2 – Issue 1	Ewa Iwicka	BMS Release 3.2	See summary of changes

## Disclaimer

WHILST EVERY EFFORT HAS BEEN MADE TO ENSURE THAT THE GUIDELINES TO USE THE GS1 STANDARDS CONTAINED IN THE DOCUMENT ARE CORRECT, GS1 AND ANY OTHER PARTY INVOLVED IN THE CREATION OF THE DOCUMENT HEREBY STATE THAT THE DOCUMENT IS PROVIDED WITHOUT WARRANTY, EITHER EXPRESSED OR IMPLIED, REGARDING ANY MATTER, INCLUDING BUT NOT LIMITED TO THE OF ACCURACY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND HEREBY DISCLAIM ANY AND ALL LIABILITY, DIRECT OR INDIRECT, FOR ANY DAMAGES OR LOSS RELATING TO OR RESULTING FROM THE USE OF THE DOCUMENT. THE DOCUMENT MAY BE MODIFIED, SUBJECT TO DEVELOPMENTS IN TECHNOLOGY, CHANGES TO THE STANDARDS, OR NEW LEGAL REQUIREMENTS. SEVERAL PRODUCTS AND COMPANY NAMES MENTIONED HEREIN MAY BE TRADEMARKS AND/OR REGISTERED TRADEMARKS OF THEIR RESPECTIVE COMPANIES. GS1 IS A REGISTERED TRADEMARK OF GS1 AISBL.

# Table of Contents

<b>1. Business Domain View .....</b>	<b>5</b>
1.1. Introduction.....	5
1.2. References.....	5
<b>2. Business Context .....</b>	<b>6</b>
<b>3. Business Transaction View .....</b>	<b>6</b>
3.1. Business Transaction - Generate Despatch Advice .....	6
3.2. Business Transaction - Despatch Notification .....	9
3.3. Business Transaction - Cross Dock Despatch Advice.....	10
<b>4. Business Information View .....</b>	<b>12</b>
4.1. Despatch Advice .....	12
4.2. Despatch Advice Totals .....	16
4.3. Despatch Advice Transport Information.....	18
4.4. Despatch Advice Line Item .....	20
4.5. Despatch Advice Logistic Unit.....	24
4.6. Code Lists .....	26
<b>5. Business Message Examples .....</b>	<b>26</b>
5.1. Example 1 .....	26
5.2. Example 2 .....	28
<b>6. Implementation Considerations .....</b>	<b>31</b>
6.1. User Guide .....	31
6.2. Message Specific Considerations .....	31
<b>7. Summary of Changes.....</b>	<b>31</b>
7.1. BMS 3.0.....	31
7.2. BMS 3.1.....	32
7.3. BMS 3.2.....	33
<b>8. Appendices .....</b>	<b>35</b>
<b>9. Acknowledgements.....</b>	<b>35</b>
9.1.1. Work Group .....	35
9.1.2. Development Team Members.....	37

# 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

## 1.2. References

Reference #	Reference Name	Description
[Ref 1]	BRD Exchange Traceability and Processing History Data of Beef Products (Slaughter to Retail) Version 2.50	
[Ref 2]	BRAD Upstream Standards – Despatch, Receipt & Consumption Version 0.1.1	
[Ref3]	BRD Despatch Advice Version 1.0.9.3	
[Ref4]	BMS Common Library Release Version 2.1	The documented design of components that are used in multiple messages.
[Ref 5]	BRAD Despatch Advice Country of Processing and Origin Version 4	Details the country of processing and origin requirements.
[Ref 6]	BMS Shared Common Library Release 3.2	The documented design of components that are used in both GDSN and eCom.

Reference #	Reference Name	Description
[Ref 7]	BMS eCom DomainCommon Library Release 3.2	The documented design of components that are used in multiple messages in the eCom Domain.
[Ref 8]	BMS Cross_Dock_Despatch_Advice_Extension_r2p5p0_i1p1p1_06_Feb_2009	The documented design of the cross dock extension on Despatch Advice.

## 2. Business Context

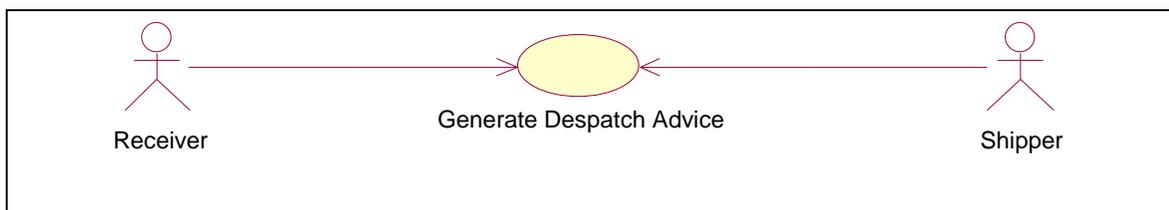
Context Category	Value(s)
Industry	All
Geopolitical	Global
Product	All
Process	Deliver
System Capabilities	GS1 System
Official Constraints	None

## 3. Business Transaction View

### 3.1. Business Transaction - Generate Despatch Advice

#### Use Case Diagram

Figure 3-1 Use Case Generate Despatch Advice



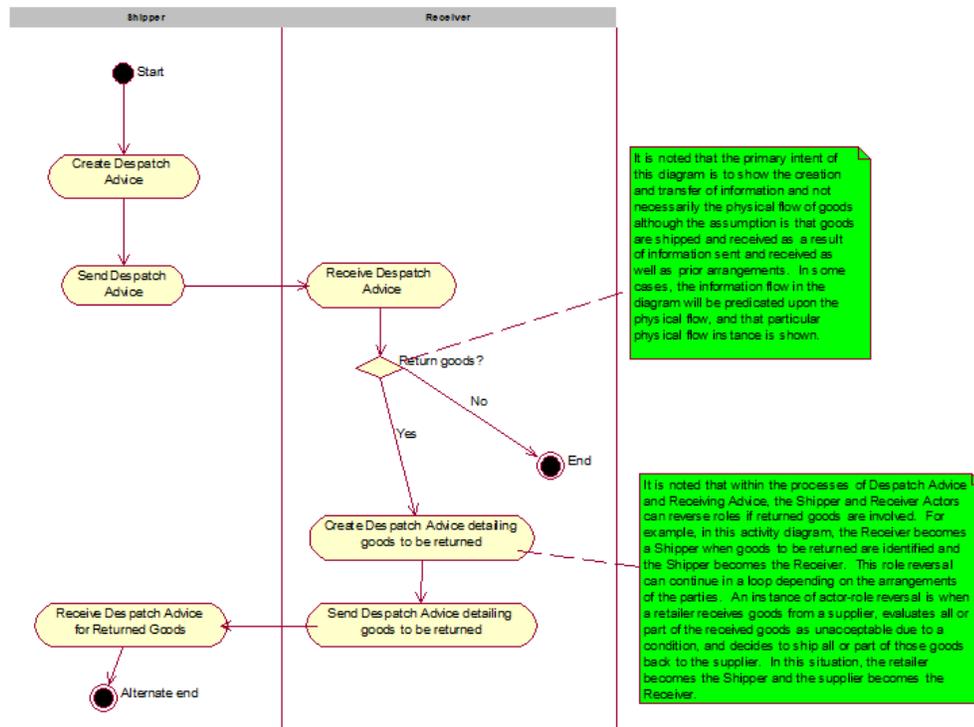
#### Use Case Description

<b>Use Case ID</b>	GDA
<b>Use Case Name</b>	Generate Despatch Advice
<b>Use Case Description</b>	Describes a complete process whereby a Shipper generates a Despatch Advice based on information about the order and the product.
<b>Actors (Goal)</b>	Receiver and Shipper
<b>Performance Goals</b>	None

<b>Preconditions</b>	Master data alignment of locations (GLNs) and products (GTINs).									
<b>Post conditions</b>	Check of the received physical goods with the information of the Despatch Advice and the check of the state of the goods themselves.									
<b>Scenario</b>	<p><b>Begins when...</b></p> <p>The Receiver receives a shipment of goods accompanied or preceded by the Despatch Advice or Shipping Documents.</p> <p><b>Continues with...</b></p> <table border="1" data-bbox="664 455 1455 638"> <thead> <tr> <th>Step #</th> <th>Actor</th> <th>Activity Step</th> </tr> </thead> <tbody> <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> </tbody> </table> <p><b>Ends when...</b></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.								
<b>Alternative Scenario</b>	Not Applicable									
<b>Related Requirements</b>	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.									
<b>Related Rules</b>	Not Applicable									

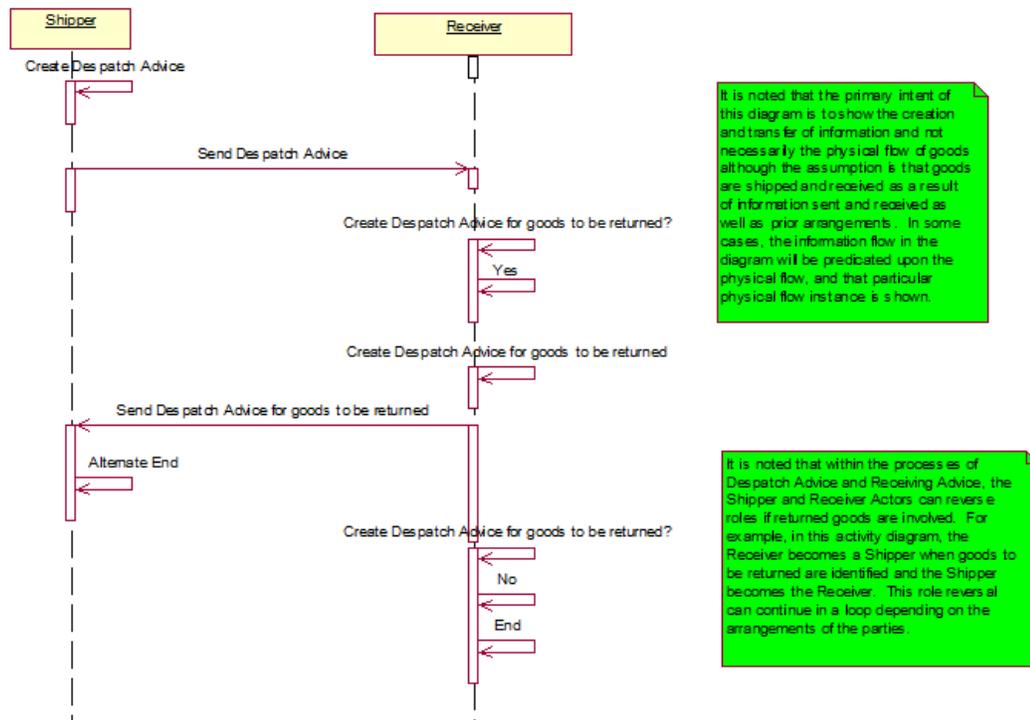
## Business Transaction Activity Diagram

Figure 3-2 Activity Diagram Generate Despatch Advice



## Business Transaction Sequence Diagram

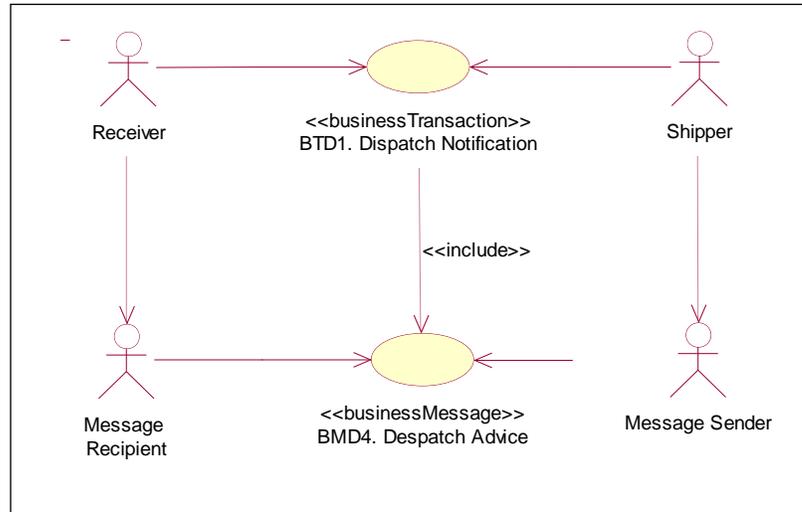
Figure 3-3 Sequence Diagram Generate Despatch Advice



## 3.2. Business Transaction - Despatch Notification

### Use Case Diagram

Figure 3-4 Business Transaction Despatch Notification



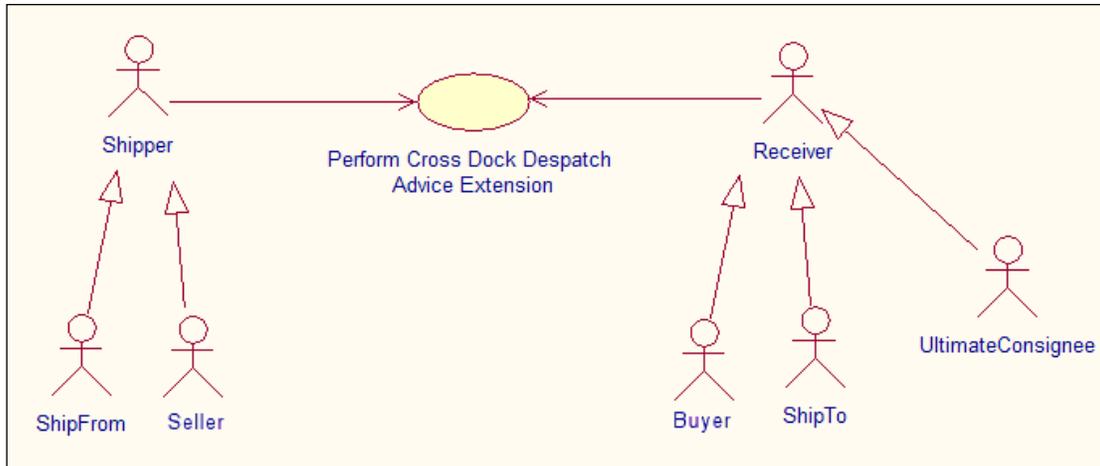
### Use Case Description

Use Case 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)	Shipper: To notify the receiver in advance of the contents of a shipment. Receiver: To be informed in advance about the contents of a shipment.						
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	Begins when: After the shipment has been picked, packed, labelled and loaded in order to guarantee that the information sent is correct. Continues with: <table border="1" style="margin-left: 20px; width: 100%;"> <thead> <tr> <th>Step #</th> <th>Actor</th> <th>Activity Step</th> </tr> </thead> <tbody> <tr> <td></td> <td>Ship From</td> <td>Sends Despatch Advice to the Ship To party.</td> </tr> </tbody> </table> Ends when: Ship to receives the despatch advice.	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	Begins when: the Ship From Party closed the doors of the delivery vehicle		
	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		
	Ends when... the ShipTo Party/Receiver on the final destination accepts the delivered goods.		
Alternative Scenario	<i>(any alternatives to the above scenario)</i>		
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	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.  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).	
	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

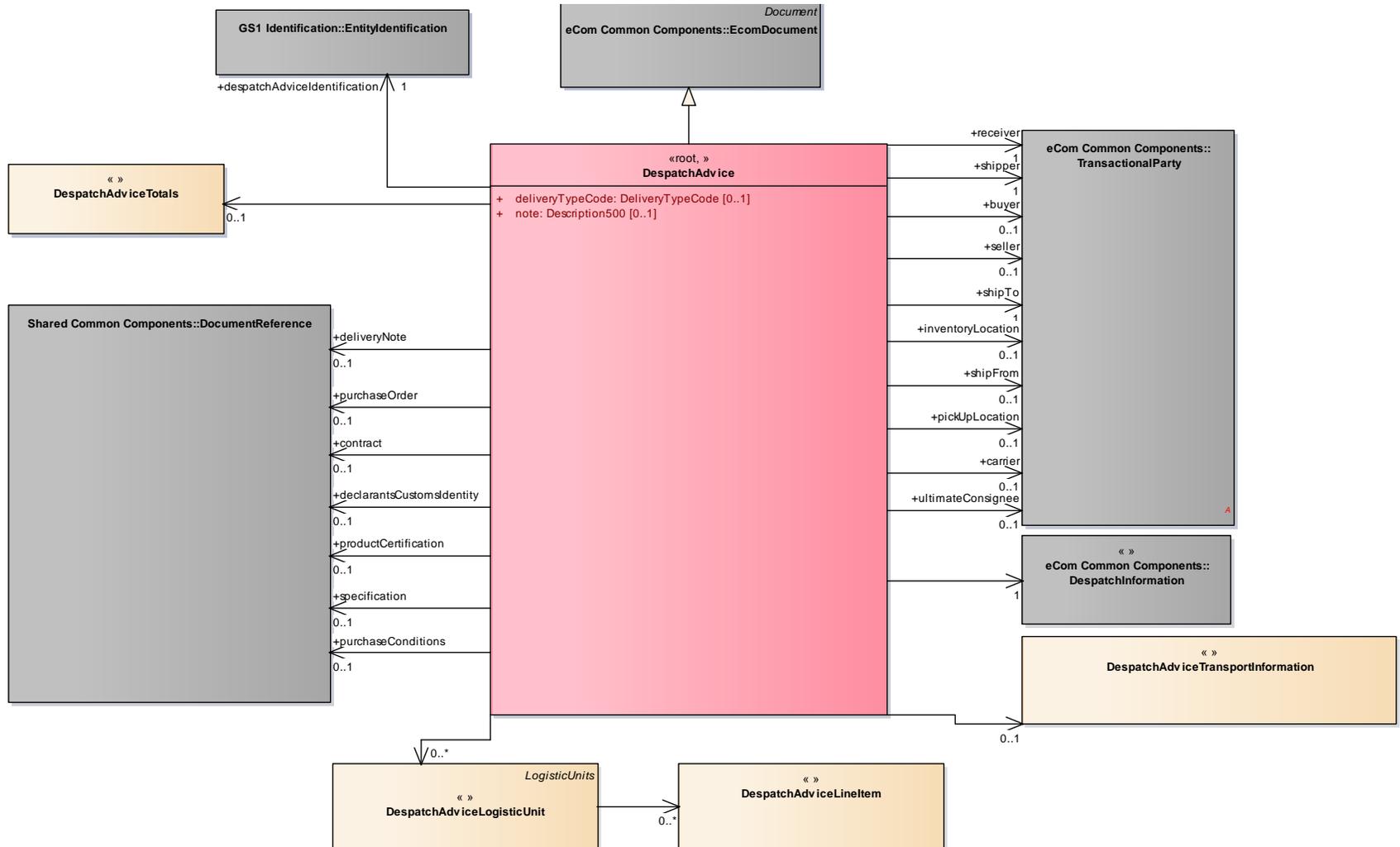
### Business Transaction Sequence Diagram

Not Applicable

## 4. Business Information View

### 4.1. Dispatch Advice

#### Class Diagram



## GDD Report

The content of the DespatchAdvice class, its structure and component definitions can be accessed in the Global Data Dictionary: [http://apps.gs1.org/GDD/bms/Version3\\_2/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:DespatchAdvice](http://apps.gs1.org/GDD/bms/Version3_2/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:DespatchAdvice)

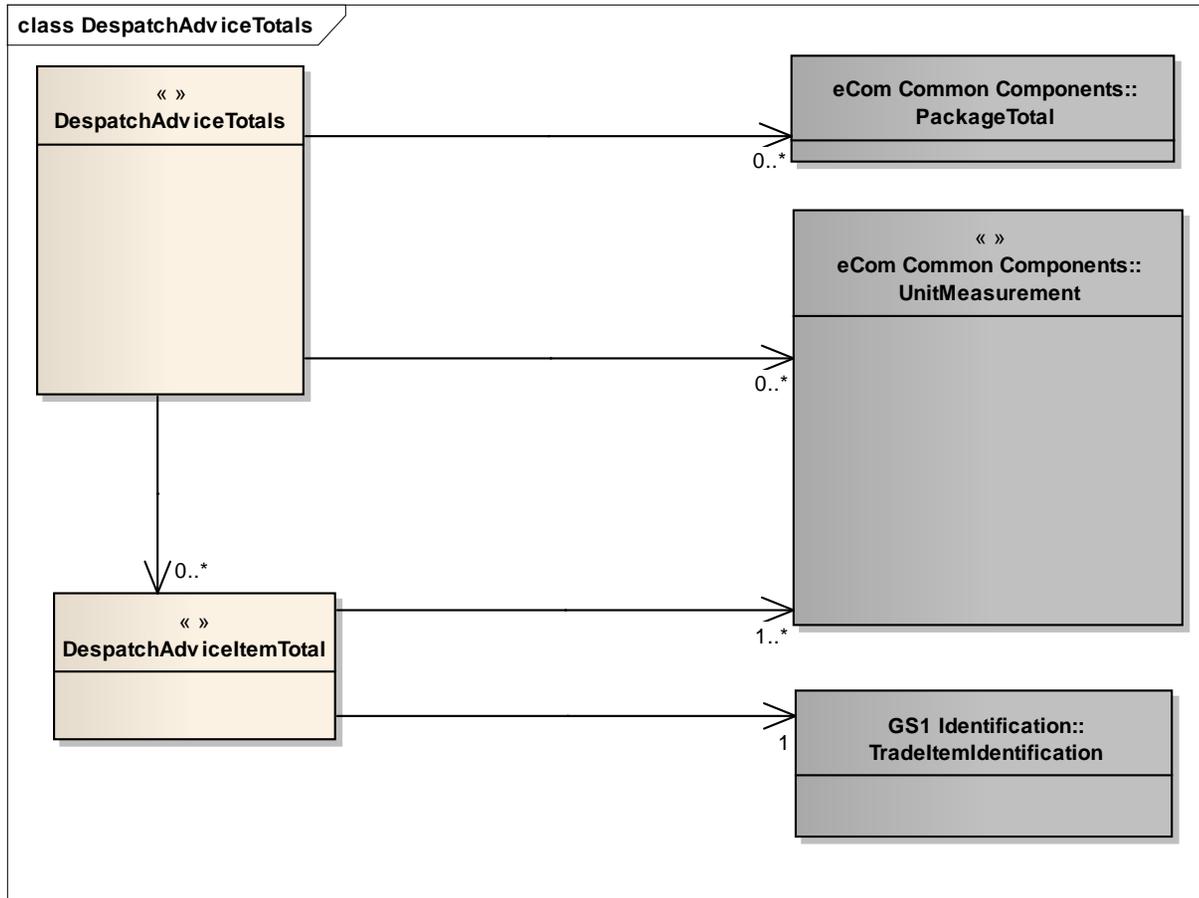
Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
DespatchAdvice				The Despatch Advice enables a shipper to provide information about the content of a shipment to a receiver. Usually the Despatch Advice serves as a pre-announcement of the goods being shipped. In a pick-up scenario it may also serve as a pre-announcement of goods to be collected.	
Association	buyer	TransactionalParty	0..1	Identifies the party to which products or services are sold.	
Association	deliveryNote	DocumentReference	0..1	The delivery note accompanying the shipment.	
Association	despatchAdviceIdentification	EntityIdentification	1..1	Unique identifier for the Despatch Advice Message.	
Association	ultimateConsignee	TransactionalParty	0..1	Identifies the party that is the final destination for the shipment.	
Association	pickUpLocation	TransactionalParty	0..1	Party where goods are collected or taken over by the carrier (i.e. if other than consignor).	
Association		DespatchInformation	1..1	Information with regards to the despatching or shipping of goods.	
Association		DespatchAdviceLogistic Unit	0..*	Information on the logistic units contained in the shipment.	
Association	specification	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.	
Association	seller	TransactionalParty	0..1	Identifies the party which sells products or services to a buyer.	

Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
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	carrier	TransactionalParty	0..1	Uniquely identifies the party who transports the shipment.	
Generalization		EcomDocument		Basic information about the content of the message including version number, creation date and time.	WR 14-000110
Association	shipTo	TransactionalParty	1..1	Identification of the location to where the goods will be or have been shipped.	
Association	productCertification	DocumentReference	0..1	Number assigned by a governing body (or their agents) to a product which certifies compliance with a standard.	
Association	inventoryLocation	TransactionalParty	0..1	Identification of the location where the goods will be stored.	
Association		DespatchAdviceTotals	0..1	Aggregated shipment information (across logistic units) such as the total weight.	
Association	purchaseConditions	DocumentReference	0..1	Reference to the business document that describes the commercial conditions under which the goods are delivered.	
Association	purchaseOrder	DocumentReference	0..1	Reference to the business document that triggered the delivery of the goods.	
Association	contract	DocumentReference	0..1	The specific contract referenced by the Despatch Advice.	
Association	declarantsCustomsId entity	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.	
Association		DespatchAdviceTransportInformation	0..1	Information with regards to the transportation and delivery of the shipment.	

Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
Association	shipper	TransactionalParty	1..1	A party who engages in shipping goods. In a commercial scenario this would be the supplier.	
Attribute	deliveryTypeCode	DeliveryTypeCode	0..1	Code specifying the completeness of delivery compared to the order instruction.	BRAD RQ09-233
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

## 4.2. Despatch Advice Totals

### Class Diagram



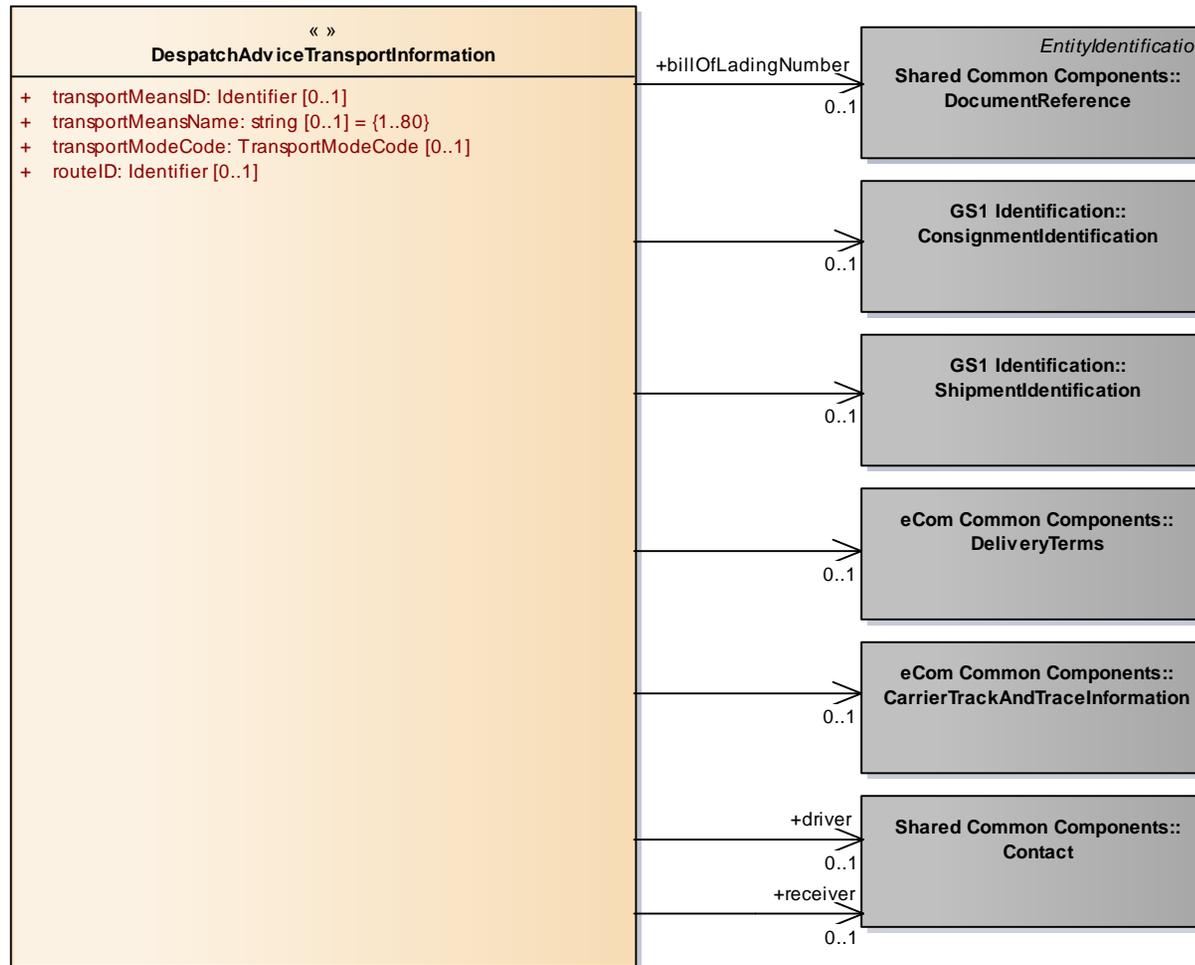
## GDD Report

The content of the DespatchAdviceTotals class, its structure and component definitions can be accessed in the Global Data Dictionary: [http://apps.gs1.org/GDD/bms/Version3\\_2/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:DespatchAdviceTotals](http://apps.gs1.org/GDD/bms/Version3_2/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:DespatchAdviceTotals)

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 from ConsignedItemWeight
Association		UnitMeasurement	1..*	The measurement information associated to the despatch advice item total.	
Association		TradeItemIdentification	1..1	The trade item associated to the despatch advice item total.	
DespatchAdviceTotals				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. Dispatch Advice Transport Information

### Class Diagram



## GDD Report

The content of the DespatchAdviceTransportInformation class, its structure and component definitions can be accessed in the Global Data Dictionary:

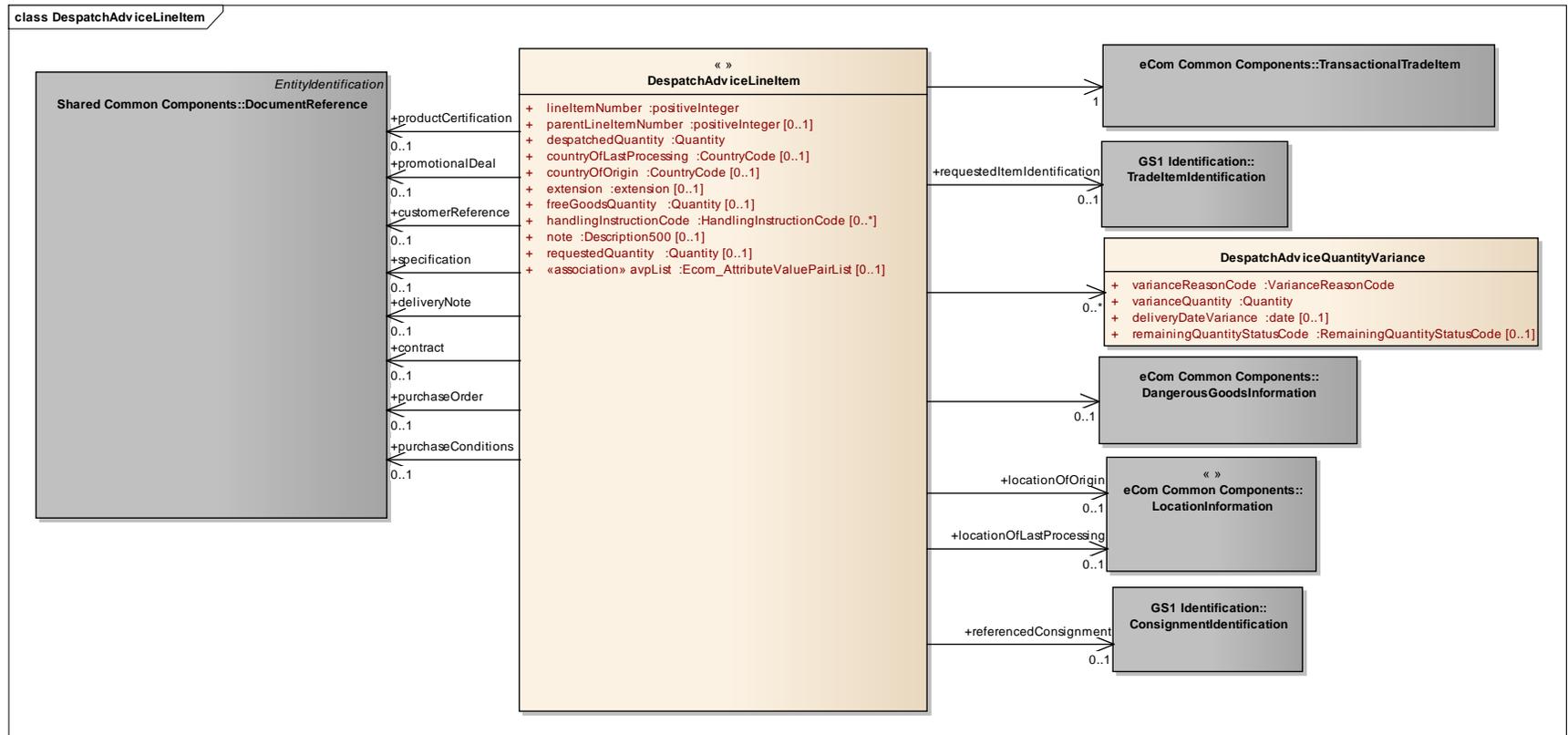
[http://apps.gs1.org/GDD/bms/Version3\\_2/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:DespatchAdviceTransportInformation](http://apps.gs1.org/GDD/bms/Version3_2/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:DespatchAdviceTransportInformation)

Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
DespatchAdviceTransportInformation				Information with regards to the transportation and delivery of the shipment.	
Association	driver	Contact	0..1	Contact information to the driver of the transported goods	WR 13-000203
Association		ShipmentIdentification	0..1	The identification of the shipment specified in the despatch advice.	
Association	billOfLadingNumber	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.	
Association		CarrierTrackAndTraceInformation	0..1	Tracking and tracing information about the package, provided by the carrier.	WR 13-000106
Association		DeliveryTerms	0..1	The delivery terms for the shipment.	
Association	receiver	Contact	0..1	Contact information to the person receiving the goods.	WR 13-000203
Association		ConsignmentIdentification	0..1	The identification of a consignment related to the shipment specified in the despatch advice.	
Attribute	transportMeansID	Identifier	0..1	Vehicle license plate/Aircraft number identifying a means of transport.	MR3 renamed from license Plate
Attribute	transportMeansName	string	0..1	The name, expressed as text, of a particular means of transport. E.g. The vessel name.	WR 13-000203
Attribute	transportModeCode	TransportModeCode	0..1	Code specifying the mode of transport.	

Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
Attribute	routeID	Identifier	0..1	Unique identifier of the standard route that will be used for this transport movement.	WR 13-000203

## 4.4. Despatch Advice Line Item

### Class Diagram



## GDD Report

The content of the DespatchAdviceLineItem class, its structure and component definitions can be accessed in the Global Data Dictionary: [http://apps.gs1.org/GDD/bms/Version3\\_2/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:DespatchAdviceLineItem](http://apps.gs1.org/GDD/bms/Version3_2/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:DespatchAdviceLineItem)

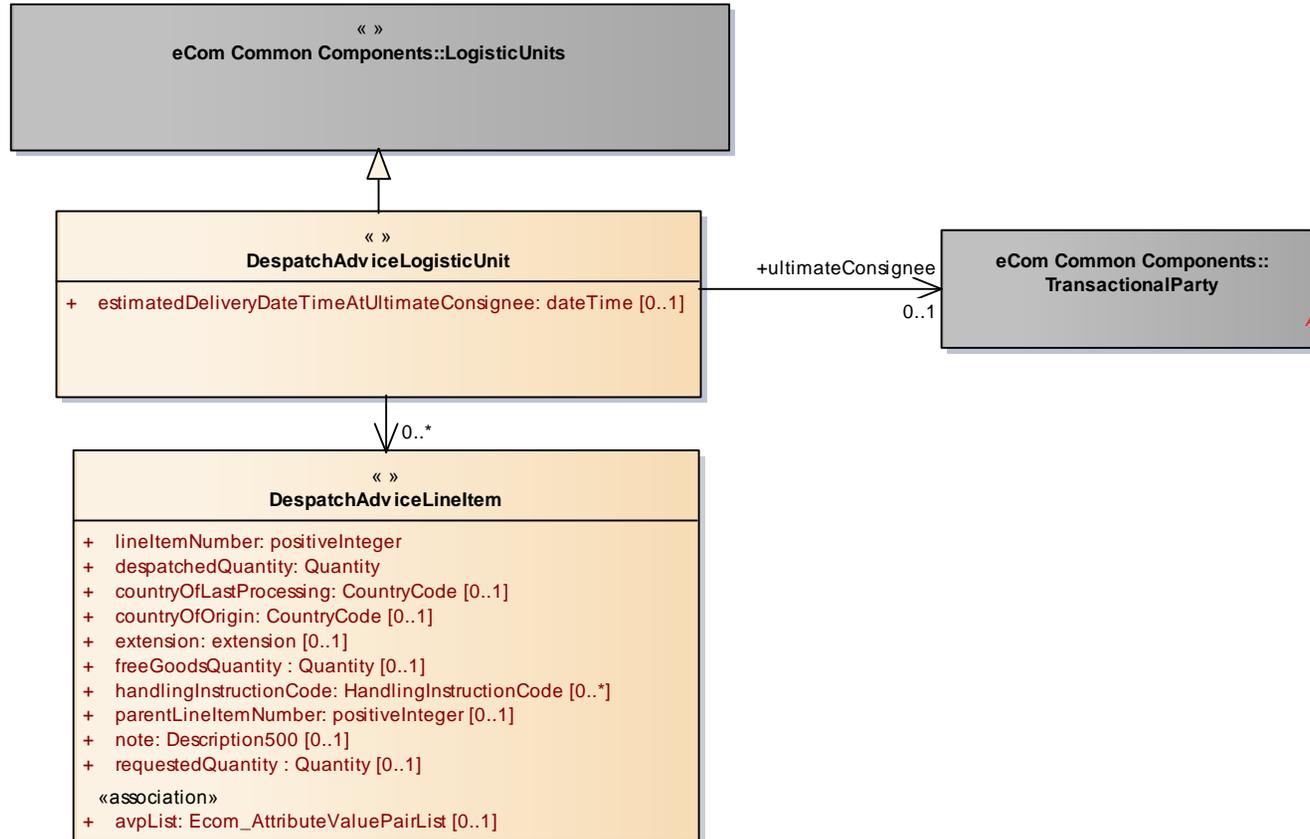
Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
DespatchAdviceLineItem				Information specifying the contents, characteristics, history and physical characteristics of delivered goods.	
Association	locationOfLastProcessing	LocationInformation	0..1	The name and address of the last processing location in which the trade item was processed or transformed.	
Association		TransactionalTradeItem	1..1	The trade item identification of the goods that were delivered.	
Association		DespatchAdviceQuantityVariance	0..*	Information with regards to any difference between what was ordered and what is ready for or has been despatched.	
Association	referencedConsignment	ConsignmentIdentification	0..1	Reference to the identification of the consignment.	
Association	deliveryNote	DocumentReference	0..1	Reference to the physical document that accompanies the delivered goods.	
Association	requestedItemIdentification	TradeItemIdentification	0..1	The trade item identification of the goods that were ordered or planned to be delivered.	
Association	customerReference	DocumentReference	0..1	Reference to the end customer that will receive the goods.	MR3 renamed from customer
Association	productCertification	DocumentReference	0..1	Reference to a number assigned by a governing body (or their agents) to a product which certifies compliance with a standard.	
Association	purchaseConditions	DocumentReference	0..1	Reference to the business document that describes the commercial conditions under which the goods are delivered.	
Association	purchaseOrder	DocumentReference	0..1	Reference to the business document that triggered the delivery of the goods.	

Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
Association	promotionalDeal	DocumentReference	0..1	Reference to a number assigned by a vendor to a special promotion activity.	
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.	
Association	contract	DocumentReference	0..1	Reference to the contractual agreement under which the goods are delivered.	
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	specification	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.	
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

Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
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.	
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	requestedQuantity	Quantity	0..1	The quantity that was ordered or planned to be delivered.	
Attribute	avpList	Ecom_AttributeValuePairList	0..1	Temporary attributes introduced between minor versions.	WR 14-000110

## 4.5. Despatch Advice Logistic Unit

### Class Diagram



### GDD Report

The content of the DespatchAdviceLogisticUnit class, its structure and component definitions can be accessed in the Global Data Dictionary: [http://apps.gs1.org/GDD/bms/Version3\\_2/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:DespatchAdviceLogisticUnit](http://apps.gs1.org/GDD/bms/Version3_2/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:DespatchAdviceLogisticUnit)

Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
DespatchAdvice LogisticUnit				Information on a logistic unit contained in the shipment.	

Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
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.	
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



**Note:** Reference Shared Common Library Business Message (BMS) Release 3.2.0 and eCom Domain Common Library Business Message (BMS) Release 3.2.0 for all common information.

## 4.6. Code Lists

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

Class	Codelist	Referenced in
DespatchAdvice	DeliveryTypeCode	<a href="http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:DeliveryTypeCode">http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:DeliveryTypeCode</a>
DespatchAdviceTransportInformation	TransportModeCode	<a href="http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:TransportModeCode">http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:TransportModeCode</a>
DespatchAdviceLineItem	CountryCode	<a href="http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:CountryCode">http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:CountryCode</a>
DespatchAdviceLineItem	HandlingInstructionCode	<a href="http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:HandlingInstructionCode">http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:HandlingInstructionCode</a>
DespatchAdviceQuantityVariance	VarianceReasonCode	<a href="http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:VarianceReasonCode">http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:VarianceReasonCode</a>
DespatchAdviceQuantityVariance	RemainingQuantityStatusCode	<a href="http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:RemainingQuantityStatusCode">http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:RemainingQuantityStatusCode</a>

## 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 11<sup>th</sup> 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
<b>DespatchAdvice</b>	
<b>Document</b>	
creationDateTime	2011-04-11 09:00
documentStatus	ORIGINAL
<b>EntityIdentification (+despatchAdviceIdentification)</b>	
entityIdentification	DA349875
<b>PartyIdentification (+contentOwner)</b>	
gln	4098765000010
<b>TransactionalParty (+shipper)</b>	
gln	4098765000010
<b>TransactionalParty (+receiver)</b>	
gLN	5412345000013
<b>TransactionalParty (+shipTo)</b>	
gln	5412345000037
<b>DocumentReference (+purchaseOrder)</b>	
lineNumber	1
creationDateTime	2011-03-11 11:00
<b>EntityIdentification</b>	
entityIdentification	PO3352
<b>TransactionalParty (+contentOwner)</b>	
gln	5412345000013
<b>DespatchInformation</b>	
actualShipDateTime	April 11, 2011 09:00
<b>DespatchAdviceLogisticUnit</b>	
<b>LogisticUnits</b>	
packageType	PE (pallet, modular)
<b>LogisticUnitIdentification</b>	
sscc	409876506700001010
<b>DespatchAdviceLineItem</b>	

Attribute	Value
lineItemNumber	1
despatchedQuantity	48
countryOfOrigin	DE
<b>TransactionalTradeItemIdentification (+requestedItemIdentification)</b>	
gtin	40987650000223
<b>DocumentReference (+deliveryNote)</b>	
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 11<sup>th</sup> 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 10<sup>th</sup> 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
<b>DespatchAdvice</b>	
<b>Document</b>	
creationDateTime	2011-04-10 09:00
documentStatus	ORIGINAL
<b>EntityIdentification (+despatchAdviceIdentification)</b>	

Attribute	Value
entityIdentification	DA349866
<b>PartyIdentification (+contentOwner)</b>	
gln	4098765000010
<b>TransactionalParty (+shipper)</b>	
gln	4098765000010
<b>TransactionalParty (+receiver)</b>	
gln	5412345000013
<b>TransactionalParty (+shipTo)</b>	
gln	5420304050603
<b>TransactionalParty (+inventoryLocation)</b>	
gln	5412345000013
<b>DocumentReference (+purchaseOrder)</b>	
<b>EntityIdentification</b>	
entityIdentification	PO3399
<b>PartyIdentification (+contentOwner)</b>	
gln	5412345000013
<b>DespatchAdviceTransportInformation</b>	
<b>DocumentReference (+billOfLadingNumber)</b>	
creationDateTime	2011-04-10 08:45
entityIdentification	88021
<b>DespatchInformation</b>	
actualShipDateTime	2011-04-10 09:15
<b>DespatchAdviceLogisticUnit *1</b>	
<b>LogisticUnits</b>	
packageTypeCode	PE (pallet, modular)
<b>LogisticUnitIdentification</b>	
sscc	154123450987654329
estimatedDeliveryDateTimeAtUltimateConsignee	2011-04-11 06:30
<b>TransactionalParty (+ultimateConsignee)</b>	
gln	5412345000174
<b>DespatchAdviceLineItem *1.1</b>	
<b>DespatchAdviceLineItem</b>	
lineItemNumber	1
despatchedQuantity	20
<b>TradeItemIdentification (+requestedItemIdentification)</b>	

Attribute	Value
gtin	40987650000346
<b>TransactionalItemData</b>	
lotNumber	ASD00012
bestBeforeDate	2012-08-01
<b>DocumentReference (+purchaseOrder)</b>	
lineItemNumber	2
creationDateTime	2011-03-11 11:00
<b>EntityIdentification</b>	
referenceIdentification	PO3399
<b>DespatchAdviceLogisticUnit *2</b>	
<b>LogisticUnits</b>	
packageTypeCode	PE (pallet, modular)
<b>LogisticUnitIdentification</b>	
sscc	154123450987654329
estimatedDeliveryDateTimeAtUltimateConsignee	2011-04-11 08:15
<b>TransactionalParty (+ultimateConsignee)</b>	
gln	5412345000228
<b>DespatchAdviceLineItem *2.1</b>	
lineItemNumber	2
despatchedQuantity	4
<b>TradeItemIdentification (+requestedItemIdentification)</b>	
gtin	40987650000346
<b>TransactionalItemData</b>	
lotNumber	ASD00012
bestBeforeDate	2012-08-01
<b>DocumentReference (+purchaseOrder)</b>	
lineItemNumber	2
creationDateTime	2011-03-11 11:00
<b>EntityIdentification</b>	
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/3/3.2/eCom-Trade\\_messages.html#DespatchAdvice](http://www.gs1.org/docs/ecom/xml/3/3.2/eCom-Trade_messages.html#DespatchAdvice)

### 6.2. Message Specific Considerations

The Despatch Advice should also 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

## 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 3.0

Change	BSD Version	Associated CR Number
Incorporated Cross Dock Extension into the message itself.	Issue 5.0.0	09-000233
Added elements corresponding to the Current requirements queue		09-000235
Updated the GDD 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

Change	BSD Version	Associated CR Number
<b>Updates for TSD Development:</b> Removed 2 <sup>nd</sup> 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	Issue 5.0.0	n/a
<b>Updates for BMS Public Review:</b> - 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.	Issue 5.0.0	n/a
<b>Updates for BMS Publication (3.0)</b> <ul style="list-style-type: none"> <li>Updated date of document</li> <li>Clean-up of Document Change History</li> <li>Removed year form copyright statement in footer</li> <li>Corrected spelling of Section 11 Architectural Principles</li> <li>Corrected example (entityIdentification)</li> <li>Corrected case of GS1 keys in example</li> <li>Removed orphan sentence fragment "The reported despatch consists of ....." in section 6.2 example</li> </ul>	Issue 5.0.0	n/a

## 7.2. BMS 3.1

Change	Document Version	Associated CR Number
<div style="border: 1px solid black; padding: 10px;"> <p><b>class DespatchAdvice - maintenance view</b></p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p style="text-align: center;">«root, » <b>DespatchAdvice</b></p> <p>+ deliveryTypeCode: DeliveryTypeCode [0..1] + note: Description500 [0..1]</p> <p style="text-align: center;"><b>maintenance</b></p> <p>Change: (Verified) 3.1 added +buyer (BRAD WIO-DA-1) Change: (Verified) 3.1 added +seller (BRAD WIO-DA-2)</p> </div> </div>	Issue 1	BRAD WIO-DA-1, 2
Updated SSCC number in examples.	Issue 1	

## 7.3. BMS 3.2

Change	Associated WR
<p>Added Attribute Value Pair at the root, line item and sub line item levels</p> <pre> class DespatchAdvice - maintenance view     «root, »     DespatchAdvice     + deliveryTypeCode :DeliveryTypeCode [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: (Verified) 3.2 changed generalisation from Document to eComDocument class to include AVP (WR 14-110)                     </pre>	14-000110
<ul style="list-style-type: none"> <li>■ Add to warehousing messages carrier track and trace information with: package tracking number and carrier track and trace URL (WR 13-106)</li> <li>■ Added identification of (WR 13-203):                             <ul style="list-style-type: none"> <li>□ Route</li> <li>□ transportMeansName</li> <li>□ Receiver – Contact</li> <li>□ Driver – Contact</li> </ul> </li> </ul> <pre> class DespatchAdviceTransportInformation - maintenance view     « »     DespatchAdviceTransportInformation     + transportMeansID :Identifier [0..1]     + transportMeansName :string [0..1] = {1..80}     + transportModeCode :TransportModeCode [0..1]     + routeID :Identifier [0..1]     maintenance     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)                     </pre>	13-000106 13-000203

Change	Associated WR
<ul style="list-style-type: none"> <li>■ Added a reference to parent line number to all Lineltem classes, to support hierarchical items (WRs 14-021 &amp; 14-044)</li> <li>■ Added Attribute Value Pair at the root, line item and sub line item levels (WR 14-110)</li> </ul> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>class DespatchAdviceLineltem - maintenance view</b></p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p style="text-align: center;">« »</p> <p style="text-align: center;"><b>DespatchAdviceLineltem</b></p> <p>+ lineltemNumber :positiveInteger                      + parentLineltemNumber :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]                      + requestedQuantity :Quantity [0..1]                      + «association» avpList :Ecom_AttributeValuePairList [0..1]</p> <p style="text-align: center;"><i>maintenance</i></p> <p>Change: (Verified) 3.2 added +avpList (WR 14-110)                      Change: (Verified) 3.2 added +parentLineltemNumber (WR 14-021 &amp; 14-044)</p> </div> </div>	14-000021 14-000044 14-000110
<ul style="list-style-type: none"> <li>■ Added to warehousing messages carrier track and trace information with: package tracking number and carrier track and trace URL.( WR 13-106)</li> <li>■ Added GIAI identifier in Despatch Advice Logistic Unit (WR 13-204)</li> <li>■ Added package quantity at despatchAdviceLogisticUnit level (WR 14-084)</li> <li>■ Added Attribute Value Pair at the root, line item and sub line item levels (WR 14-110)</li> </ul> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>class DespatchAdviceLogisticUnit - maintenance view</b></p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p style="text-align: center;">« »</p> <p style="text-align: center;"><b>eCom Common Components::LogisticUnits</b></p> <p style="text-align: center;"><i>maintenance</i></p> <p>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)</p> </div> <div style="border: 1px solid black; padding: 5px; margin: 5px 0; text-align: center;"> <p>↑</p> <p>« »</p> <p><b>DespatchAdviceLogisticUnit</b></p> <p>+ estimatedDeliveryDateTimeAtUltimateConsignee: dateTime [0..1]</p> </div> </div>	13-000106 13-000204 14-000084 14-000110

## 8. Appendices

Not Applicable

## 9. Acknowledgements

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

### 9.1.1. 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	Herregodts, Kurt	GS1 Belgium & Luxembourg
Member	Kempkes, Fred	Unilever N.V.
Member	Kernan, Brendan	GS1 Ireland
Member	Kidd, Robin	Nestle
Member	Krid, Anne-Claire	GS1 France
Member	Lanoue, Tom	General Mills, Inc.
Member	Laur, Rita	GS1 Canada
Member	Lenman, Mia	GS1 Sweden
Member	Lerch, Hanjoerg	METRO Group

Function	Name	Company / organisation
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

## 9.1.2. Development Team Members

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