



Despatch Advice

Business Message Standard (BMS)

Release 3.2

01-Dec-2014, Issue 1



Document Summary

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Business Requirements Document (BRAD) Reference

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BRAD Despatch Advice Country of Processing and Origin	20070606	0.0.4

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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
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Document Change History

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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

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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

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

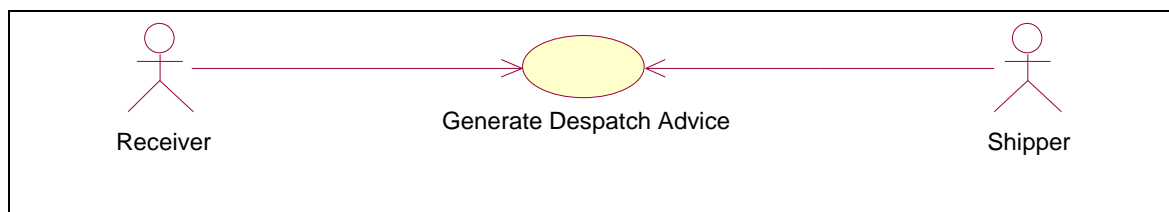
Context Category	Value(s)
Industry	All
Geopolitical	Global
Product	All
Process	Deliver
System Capabilities	GS1 System
Official Constraints	None

3. Business Transaction View

3.1. Business Transaction - Generate Despatch Advice

Use Case Diagram

Figure 3-1 Use Case Generate Despatch Advice



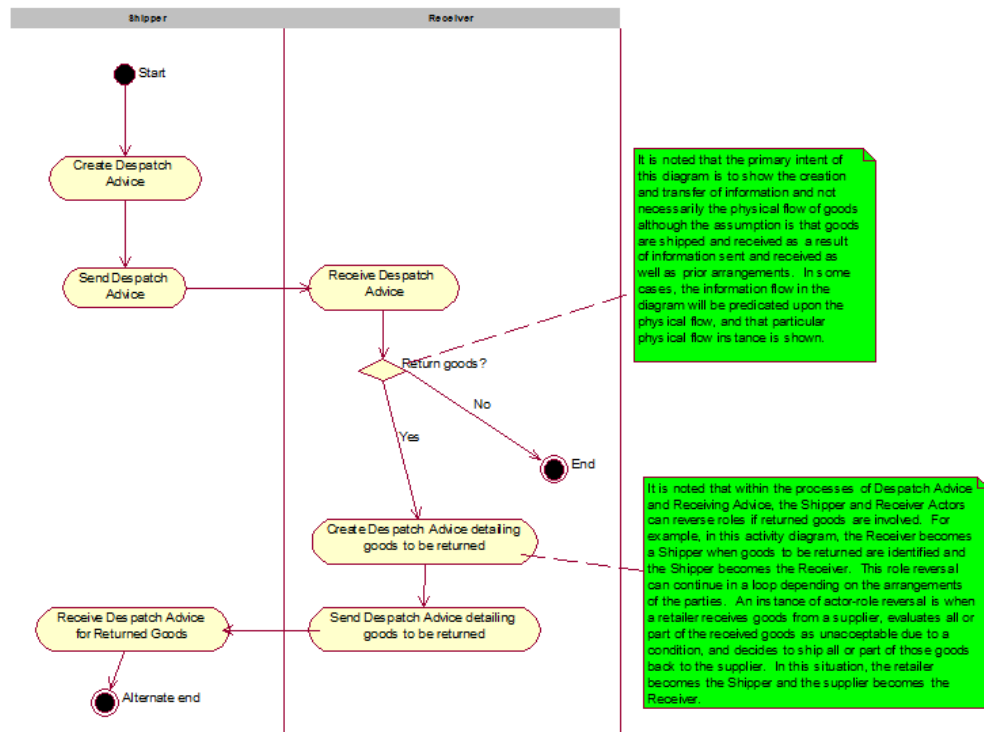
Use Case Description

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									

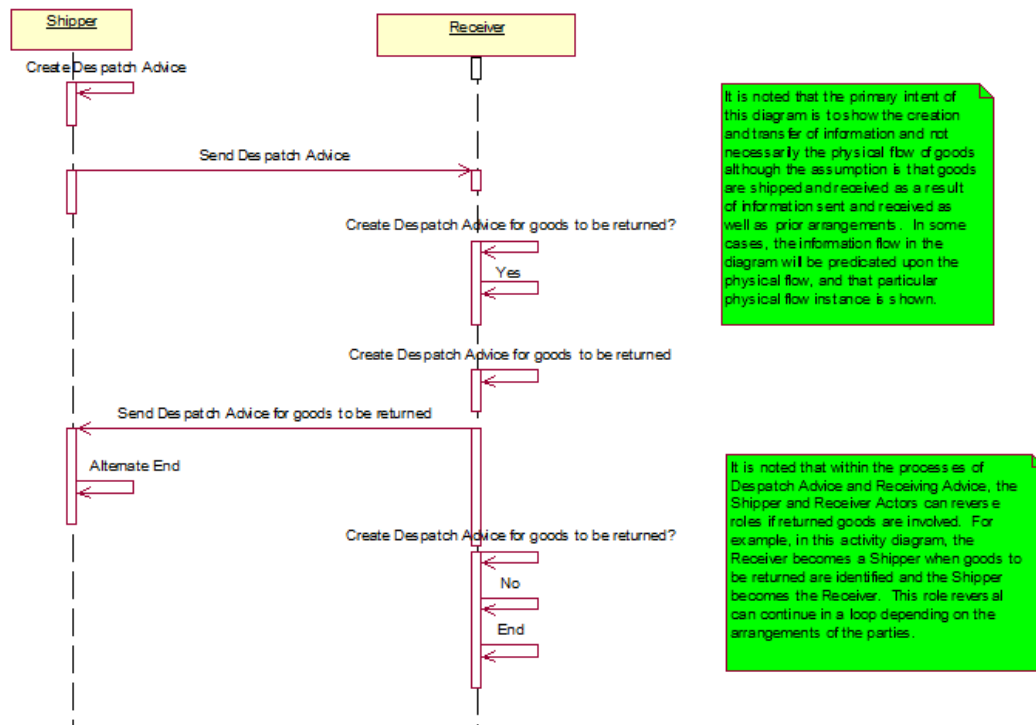
Business Transaction Activity Diagram

Figure 3-2 Activity Diagram Generate Despatch Advice



Business Transaction Sequence Diagram

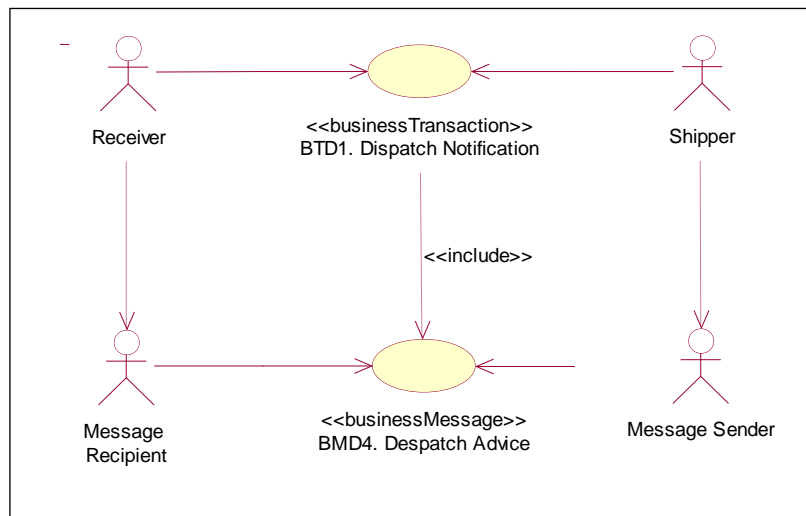
Figure 3-3 Sequence Diagram Generate Despatch Advice



3.2. Business Transaction - Despatch Notification

Use Case Diagram

Figure 3-4 Business Transaction Despatch Notification



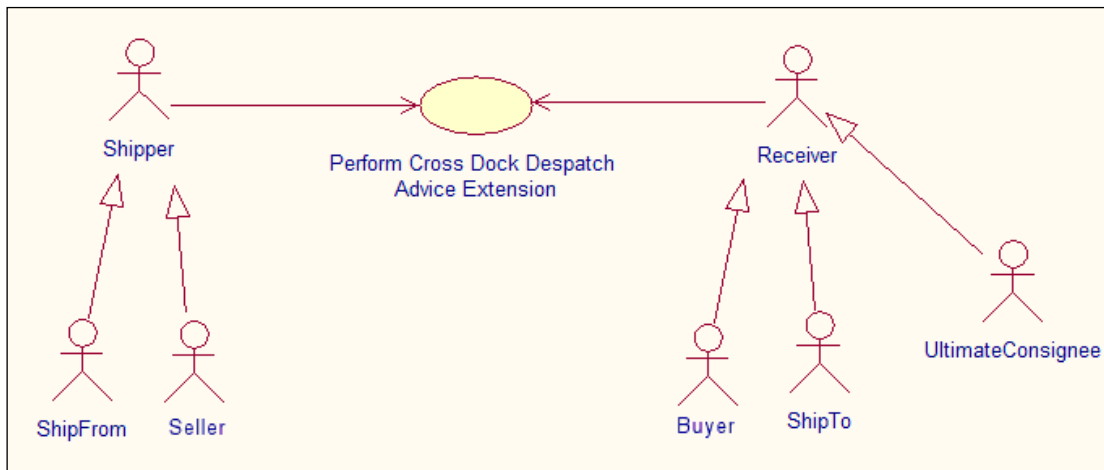
Use Case Description

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)	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	<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><th>Step #</th><th>Actor</th><th>Activity Step</th></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)	<p>Buyer: Party to which merchandise is sold. (i.e. retailer, wholesaler, store).</p> <p>Seller: Party selling merchandise to a buyer. (i.e. supplier, LSP).</p> <p>Shipper: Party from where goods will be or have been shipped. (i.e. supplier, LSP, retailer).</p> <p>Receiver: Party to where goods will be or have been shipped. (i.e. LSP, retailer, store).</p> <p>Ultimate Consignee: Party which is the final destination of where the goods will be or have been shipped to.</p>
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	(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	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

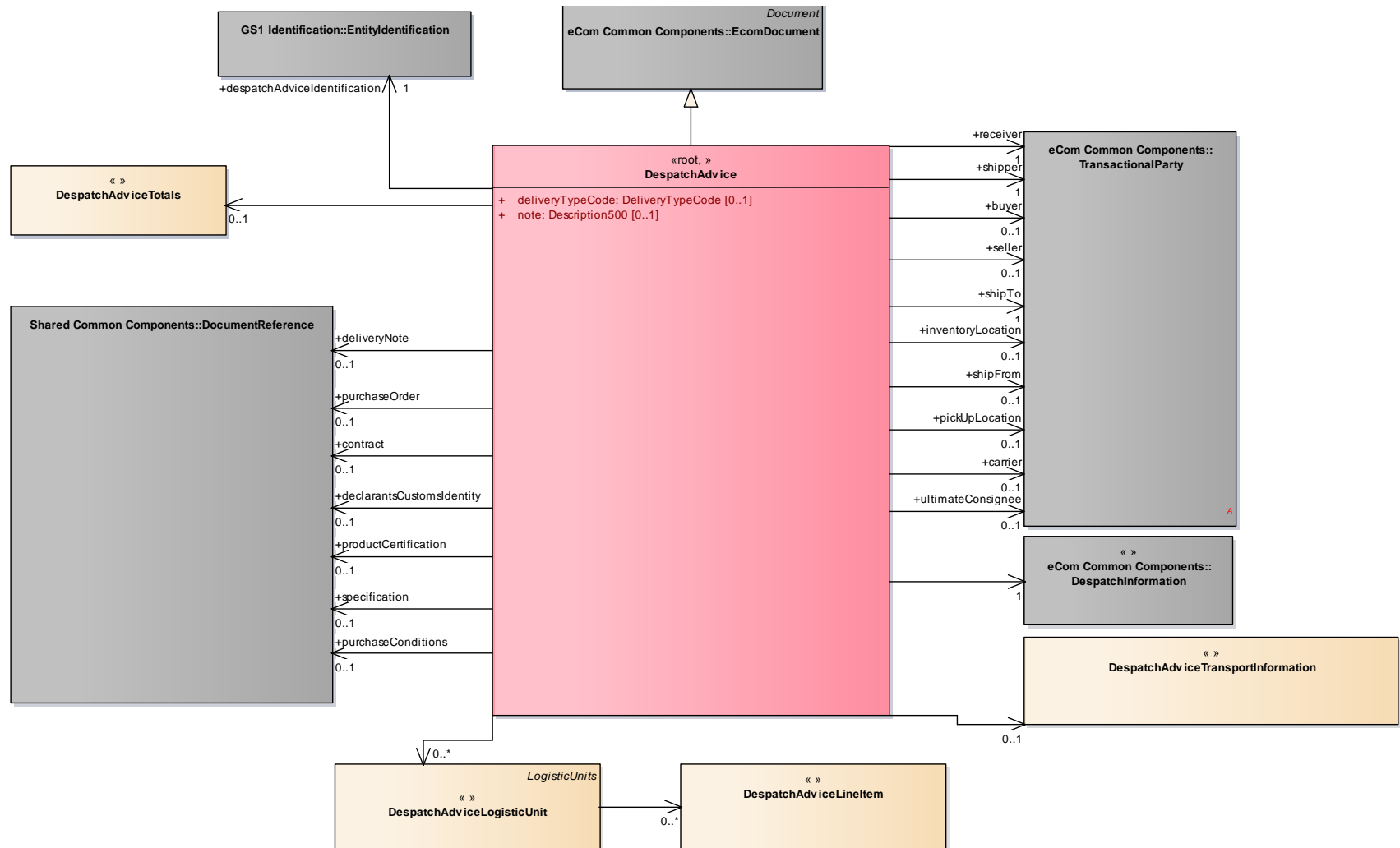
Business Transaction Sequence Diagram

Not Applicable

4. Business Information View

4.1. Despatch 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

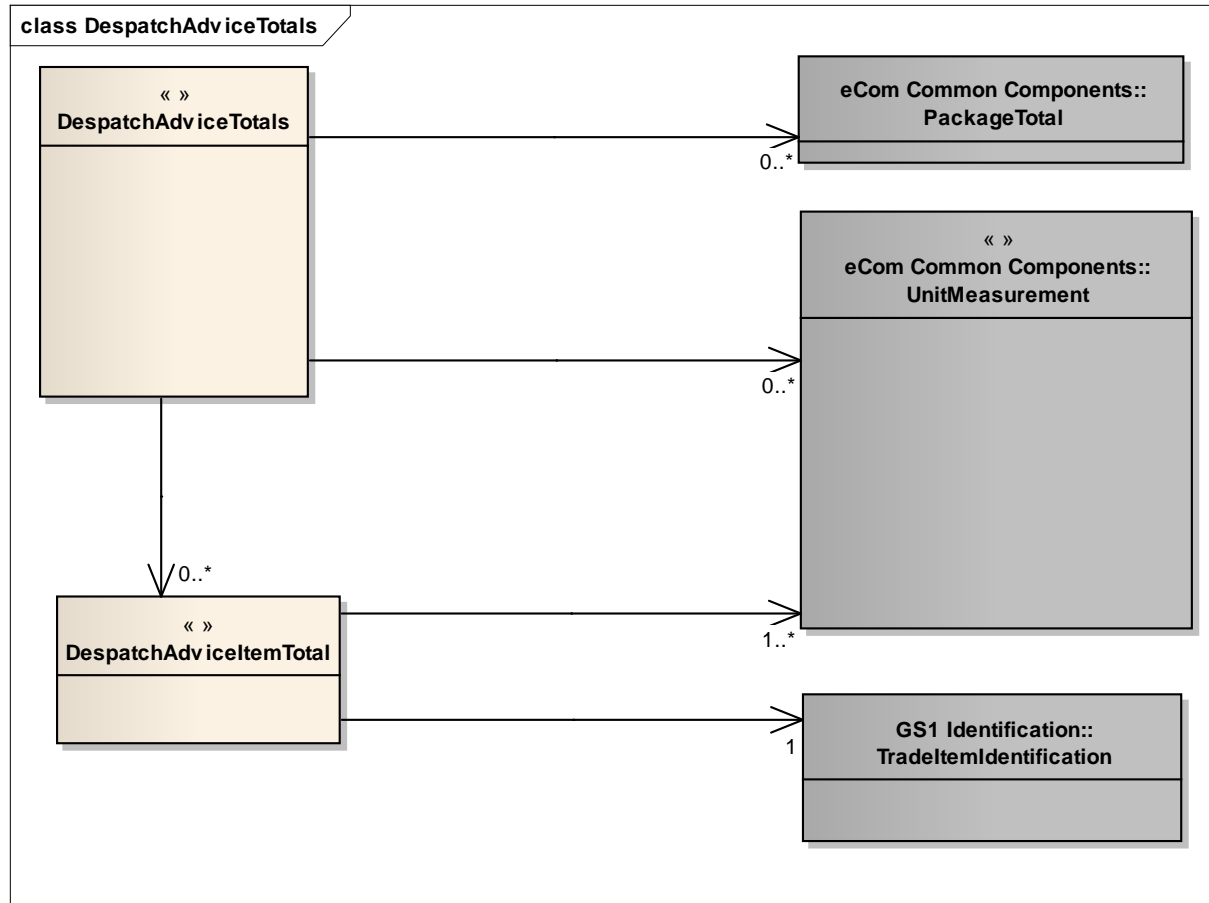
Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
DespatchAdvice				The Despatch Advice enables a shipper to provide information about the content of a shipment to a receiver. Usually the Despatch Advice serves as a pre-announcement of the goods being shipped. In 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



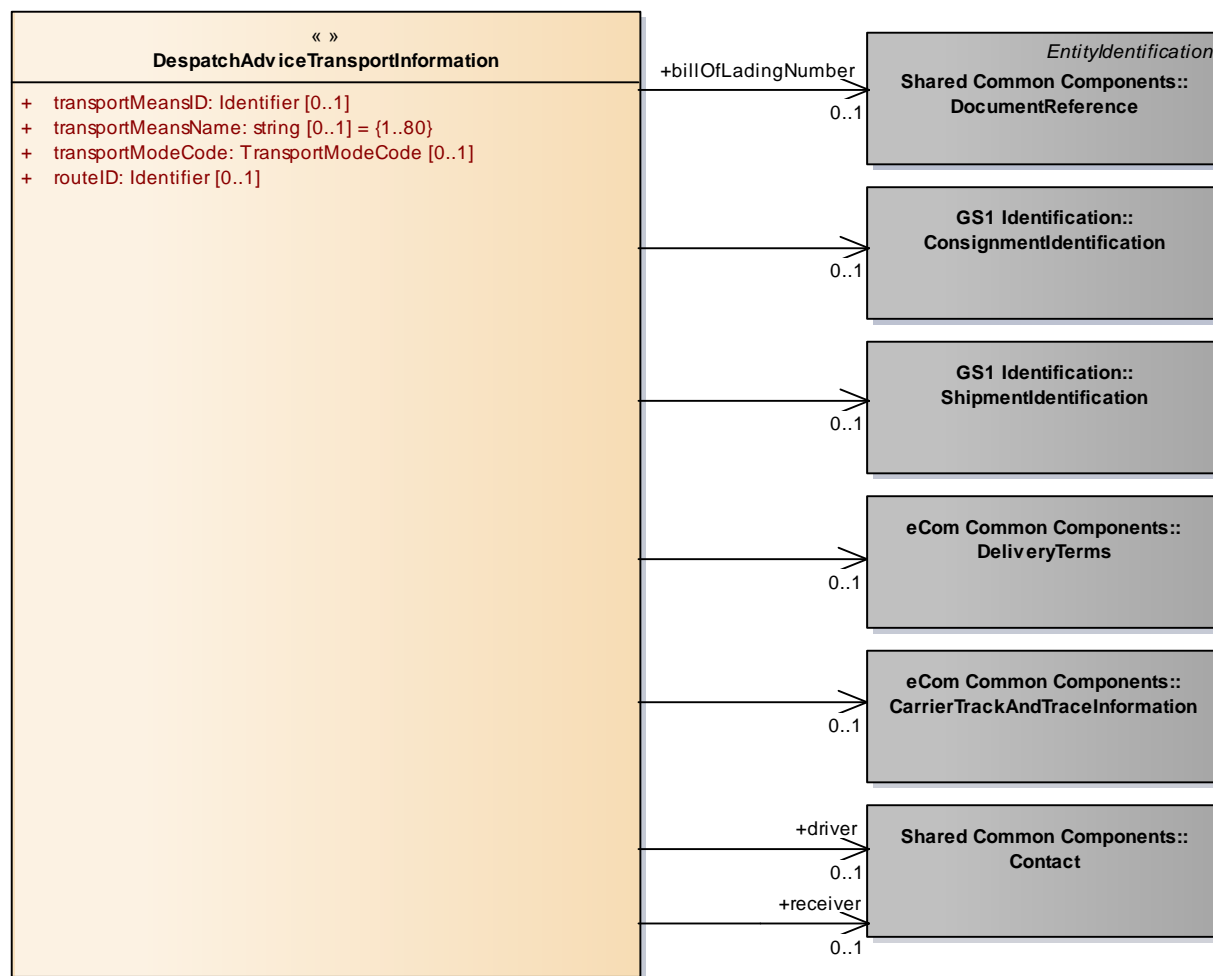
GDD Report

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

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	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. Despatch 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:

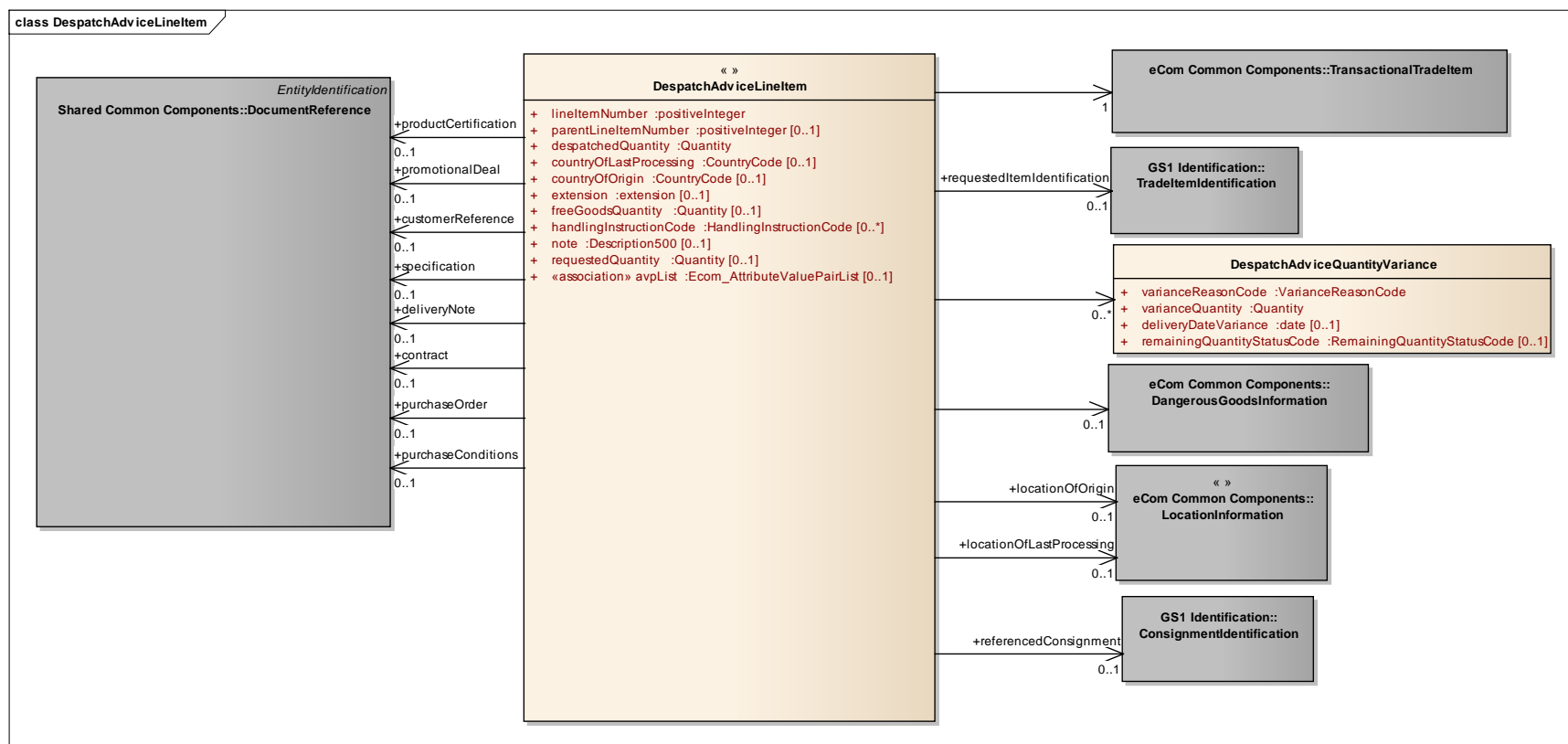
http://apps.gs1.org/GDD/bms/Version3_2/Pages/bieDetails.aspx?semanticURN=urn:gs1:gdd:bie:DespatchAdviceTransportInformation

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

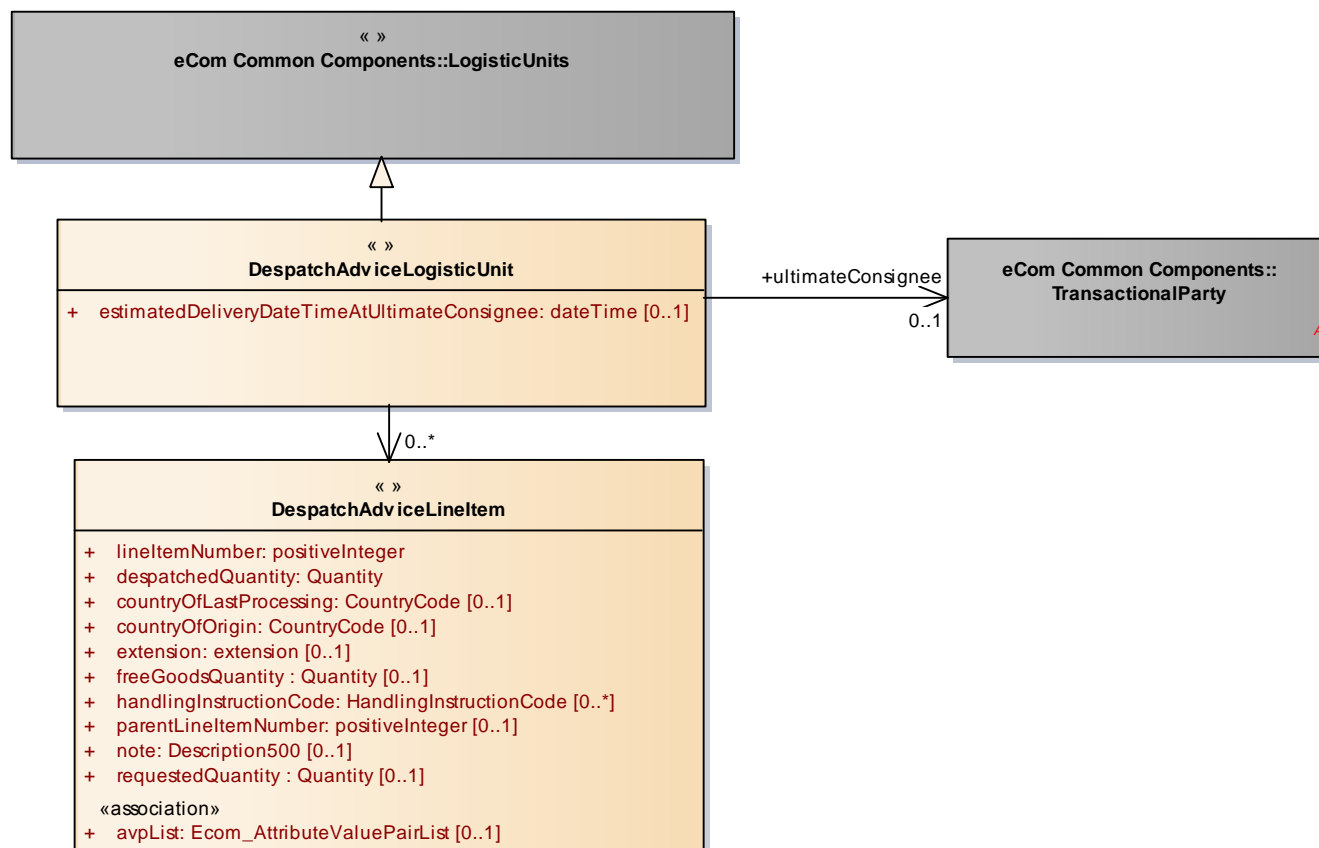
Content	Attribute / Role	Datatype / Secondary class	Multiplicity	Definition	Requirements
DespatchAdviceLineItem				Information specifying the contents, characteristics, history and physical characteristics of delivered goods.	
Association	locationOfLastProcessing	LocationInformation	0..1	The name and 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

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	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:DeliveryTypeCode
DespatchAdviceTransportInformation	TransportModeCode	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:TransportModeCode
DespatchAdviceLineItem	CountryCode	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:CountryCode
DespatchAdviceLineItem	HandlingInstructionCode	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:HandlingInstructionCode
DespatchAdviceQuantityVariance	VarianceReasonCode	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:VarianceReasonCode
DespatchAdviceQuantityVariance	RemainingQuantityStatusCode	http://apps.gs1.org/GDD/Pages/clDetails.aspx?semanticURN=urn:gs1:gdd:cl:RemainingQuantityStatusCode

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

Attribute	Value
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)	

Attribute	Value
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
estimatedDeliveryDateTimeAtUltimateConsignee	2011-04-11 06:30
TransactionalParty (+ultimateConsignee)	
gln	5412345000174
DespatchAdviceLineItem *1.1	
DespatchAdviceLineItem	
lineItemNumber	1
despatchedQuantity	20
TradeItemIdentification (+requestedItemIdentification)	

Attribute	Value
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
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/3/3.2/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
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	Issue 5.0.0	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.	Issue 5.0.0	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 (entityIdentification) Corrected case of GS1 keys in example Removed orphan sentence fragment "The reported despatch consists of" in section 6.2 example 	Issue 5.0.0	n/a

7.2. BMS 3.1

Change	Document Version	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>	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> <p>class DespatchAdvice - maintenance view</p> <div> <p>«root, » DespatchAdvice</p> <p>+ deliveryTypeCode :DeliveryTypeCode [0..1] + note :Description500 [0..1]</p> <p><i>maintenance</i></p> <p>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)</p> </div>	14-000110
<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 <p>class DespatchAdviceTransportInformation - maintenance view</p> <div> <p>« » DespatchAdviceTransportInformation</p> <p>+ transportMeansID :Identifier [0..1] + transportMeansName :string [0..1] = {1..80} + transportModeCode :TransportModeCode [0..1] + routeID :Identifier [0..1]</p> <p><i>maintenance</i></p> <p>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)</p> </div>	13-000106 13-000203

Change	Associated WR
<ul style="list-style-type: none"> Added a reference to parent line number to all Lineltem 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 DespatchAdviceLineltem - maintenance view <div> <div>« »</div> <div>DespatchAdviceLineltem</div> <div> + 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] </div> <div> maintenance Change: (Verified) 3.2 added +avpList (WR 14-110) Change: (Verified) 3.2 added +parentLineltemNumber (WR 14-021 & 14-044) </div> </div> </div>	14-000021 14-000044 14-000110
<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) <div> class DespatchAdviceLogisticUnit - maintenance view <div> <div>« »</div> <div>eCom Common Components::LogisticUnits</div> <div> maintenance 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> « » DespatchAdviceLogisticUnit + estimatedDeliveryDateTimeAtUltimateConsignee: dateTime [0..1] </div> </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.

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