



Despatch Advice Business Message Standard (BMS)

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1-May-2013, Issue 1



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Business Requirements Document (BRAD) Reference

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

Date of Change	Version	Changed By	Reason for Change	Summary of Change
13-Jan-2012	Issue 5.0.0	Mark Van Eeghem	BMS Release Publication 3.0.0	Noted in Summary of Changes
1-May-2013	BMS 3.1 issue 1	Coen Janssen	BMS Release Publication 3.1.0	Noted in Summary of Changes

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1. Business Domain View

1.1. Problem Statement / Business Need

Generally, the Despatch Advice enables one Shipper to provide information about the content of a shipment to one Receiver. Specifically, the Despatch Advice serves as a link to a prior agreement between Shipper and Receiver and is applicable to one or many Receiver destination points from one Shipper launch point. Furthermore, the Despatch Advice may be used to indicate the despatch of goods being returned by the Receiver. The Despatch Advice may be utilized downstream between retailers, suppliers, 3PLs, carriers and manufacturers as well as upstream between manufacturers, 3PLs and material suppliers.

The cross dock requirements have been included as well. Standards for the delivering area include: a communication standard to advise the receiver about the shipment of the goods in combination with AIDC applications, like barcode labels, to link in an efficient way the physical flow of goods with the flow of related information.

For the cross dock scenario it's needed to include information in the information standard about:

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

1.2. Objective

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

- Despatch Advice.

The objective of the Despatch Advice is:

- To facilitate the receipt of goods
- To make the despatch advice applicable to a replenishment scenario where there is no link to an order but to a contract or other kind of agreement.
- To make the despatch advice applicable to multiple destination points
- To provide more 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
- To make the despatch advice applicable for the despatch of goods being returned

1.3. Audience

Retailers, manufacturers, warehouses, material suppliers, carriers and any other third party such as a logistic service or 3PL provider involved in the despatch and receipt of goods.

1.4. References

Reference #	Reference Name	Description
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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 3.1	The documented design of components that are used in both GDSN and eCom.
[Ref 7]	BMS eCom DomainCommon Library Release 3.1	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.

1.5. Acknowledgements

1.5.1. Work Group

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2. Business Context

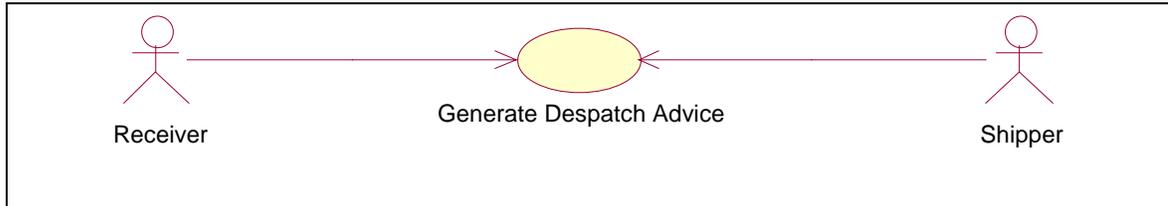
Context Category	Value(s)
Industry	All
Geopolitical	Global
Product	All
Process	Deliver
System Capabilities	GS1 System
Official Constraints	None

3. Business Transaction View

3.1. Business Transaction - Generate Despatch Advice

Use Case Diagram

Figure 3-1 Use Case Generate Despatch Advice

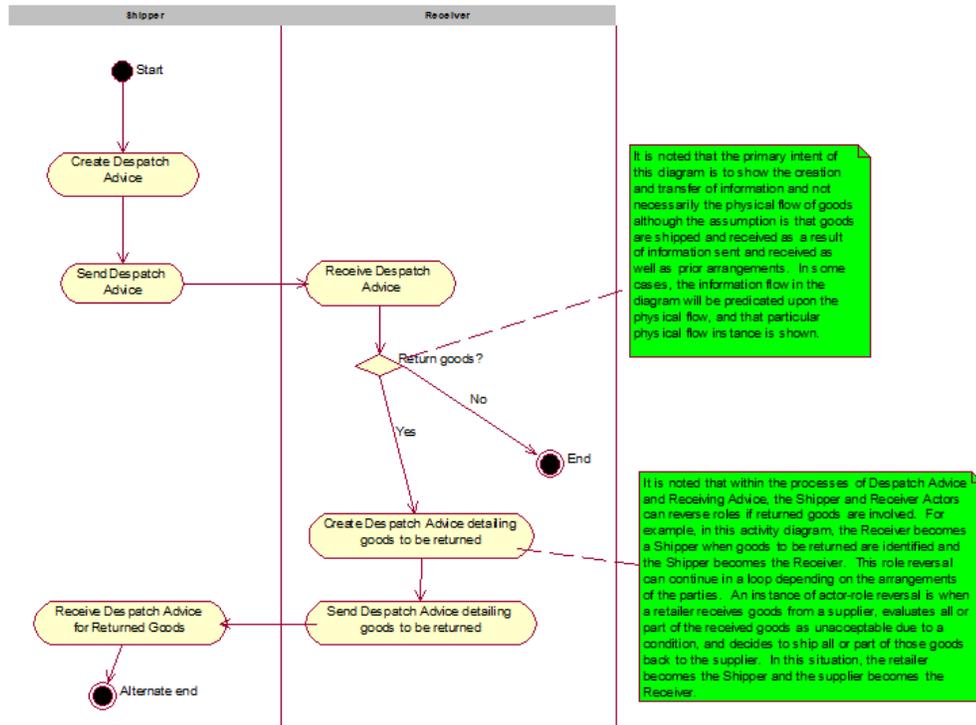


Use Case Description

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 border="1"> <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>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									

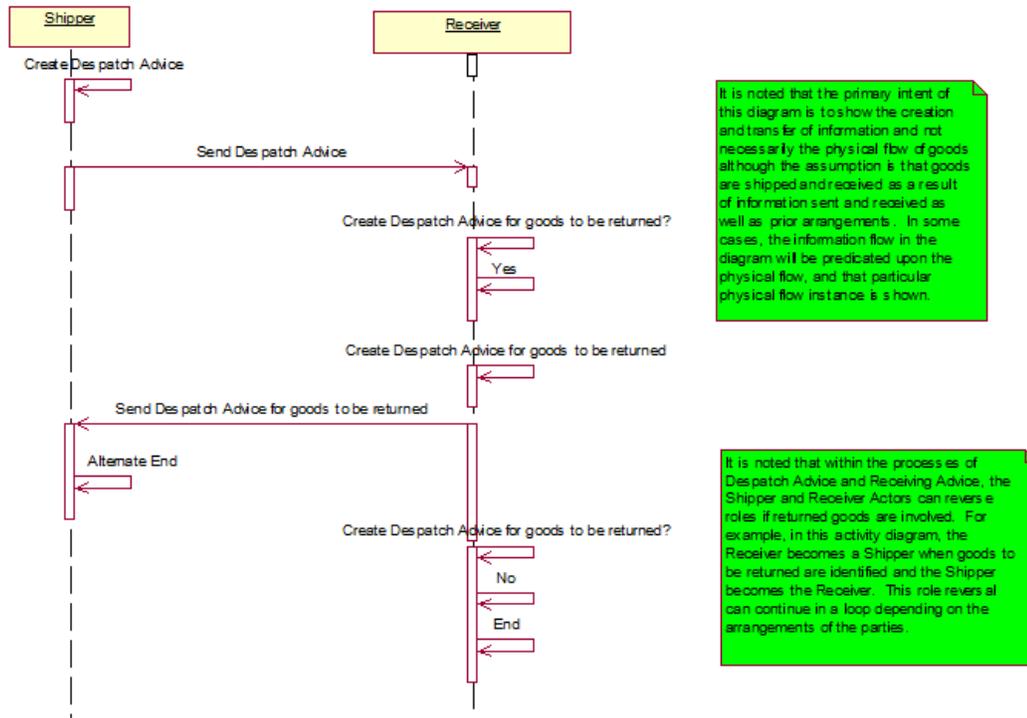
Business Transaction Activity Diagram

Figure 3-2 Activity Diagram Generate Despatch Advice



Business Transaction Sequence Diagram

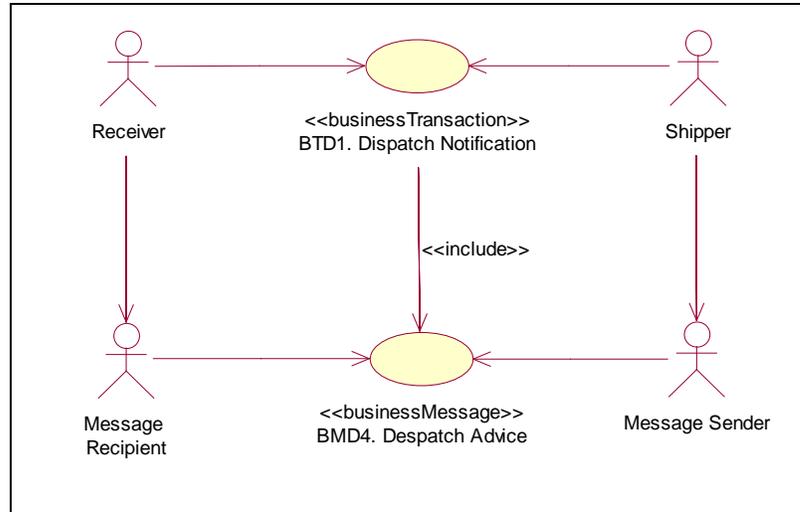
Figure 3-3 Sequence Diagram Generate Despatch Advice



3.2. Business Transaction - Despatch Notification

Use Case Diagram

Figure 3-4 Business Transaction Despatch Notification

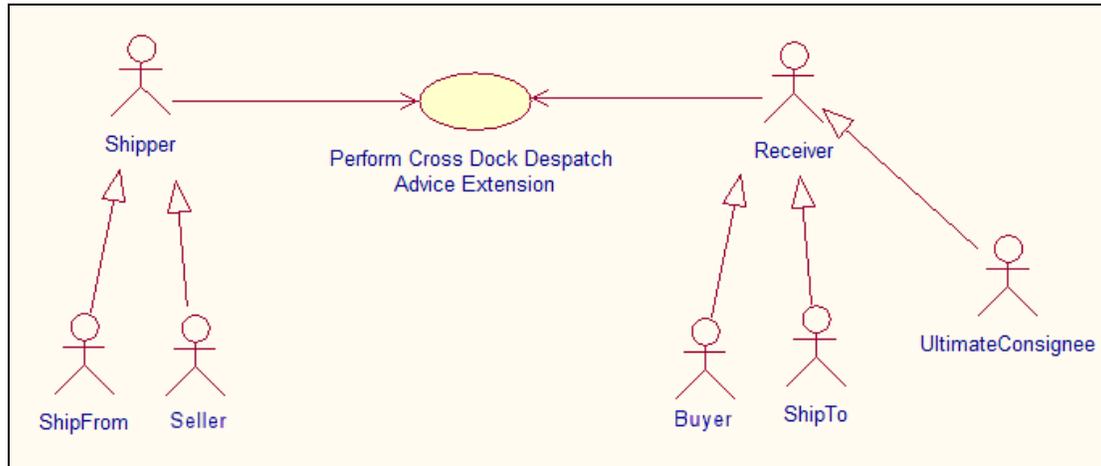


Use Case Description

Use Case 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 style="width: 10%;">Step #</th> <th style="width: 20%;">Actor</th> <th style="width: 70%;">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 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

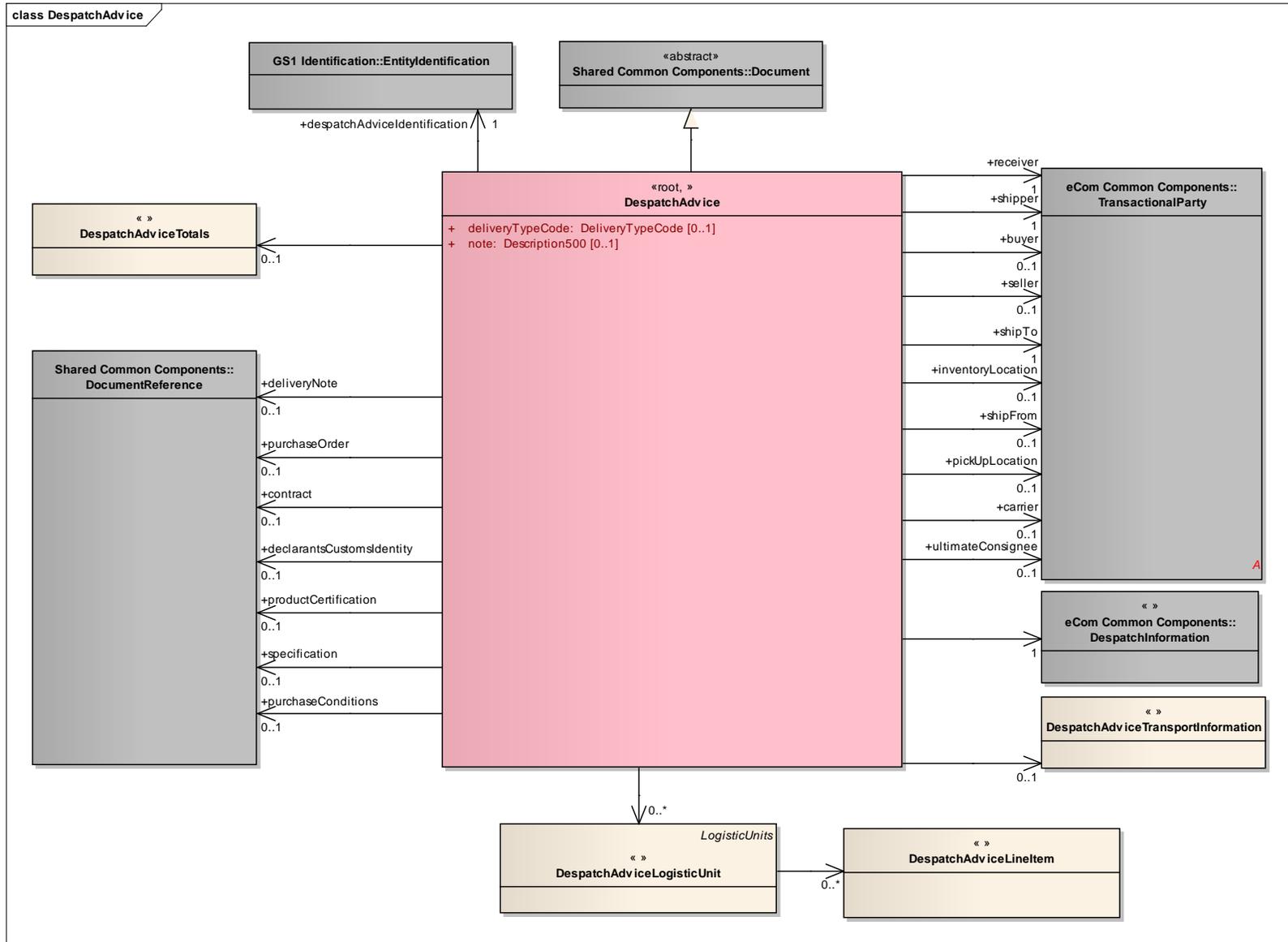
4. Business Information View



Note: Reference Shared Common Library Business Message Release 3.0.0 and eCom Domain Common Library Business Message Release 3.0.0 for all common information.

4.1. Despatch Advice

Class Diagram



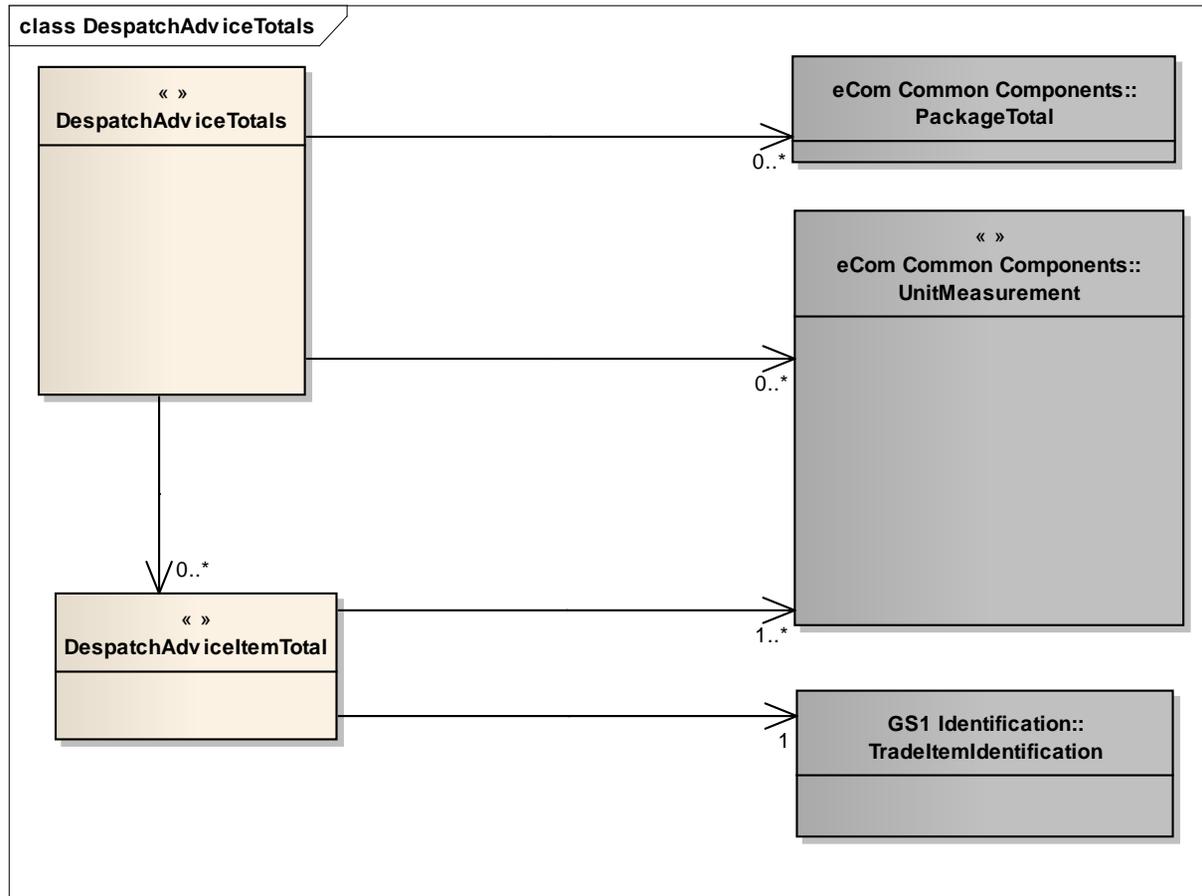
GDD Report

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		DespatchAdviceLogisticUnit	0..*	Information on the logistic units contained in the shipment.	
Association		DespatchAdviceTotals	0..1	Aggregated shipment information (across logistic units) such as the total weight.	
Association		DespatchAdviceTransport Information	0..1	Information with regards to the transportation and delivery of the shipment.	
Association		DespatchInformation	1..1	Information with regards to the despatching or shipping of goods.	
Generalization		Document		Used to specify basic information about the content of the message including version number, creation date and time.	
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	deliveryNote	DocumentReference	0..1	The delivery note accompanying the shipment.	
Association	productCertification	DocumentReference	0..1	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	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	despatchAdviceIdentification	EntityIdentification	1..1	Unique identifier for the Despatch Advice Message.	
Association	buyer	TransactionalParty	0..1	Identifies the party to which products or services are sold.	
Association	carrier	TransactionalParty	0..1	Uniquely identifies the entity that transports the shipment.	
Association	inventoryLocation	TransactionalParty	0..1	Identification of the location where the goods will be stored.	
Association	pickUpLocation	TransactionalParty	0..1	Party where goods are collected or taken over by the carrier (i.e. if other than consignor).	
Association	receiver	TransactionalParty	1..1	A party who engages in receiving goods. In a commercial scenario this would be the customer.	
Association	seller	TransactionalParty	0..1	Identifies the party which sells products or services to a buyer.	
Association	shipFrom	TransactionalParty	0..1	Identification of the location from where goods will be or have been shipped.	
Association	shipper	TransactionalParty	1..1	A party who engages in shipping goods. In a commercial scenario this would be the supplier.	
Association	shipTo	TransactionalParty	1..1	Identification of the location to where goods will be or have been shipped.	
Association	ultimateConsignee	TransactionalParty	0..1	Identifies the party that is the final destination for the shipment.	
Attribute	deliveryTypeCode	DeliveryTypeCode	0..1	Code specifying the type of completeness of delivery compared to the orderinstruction.	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



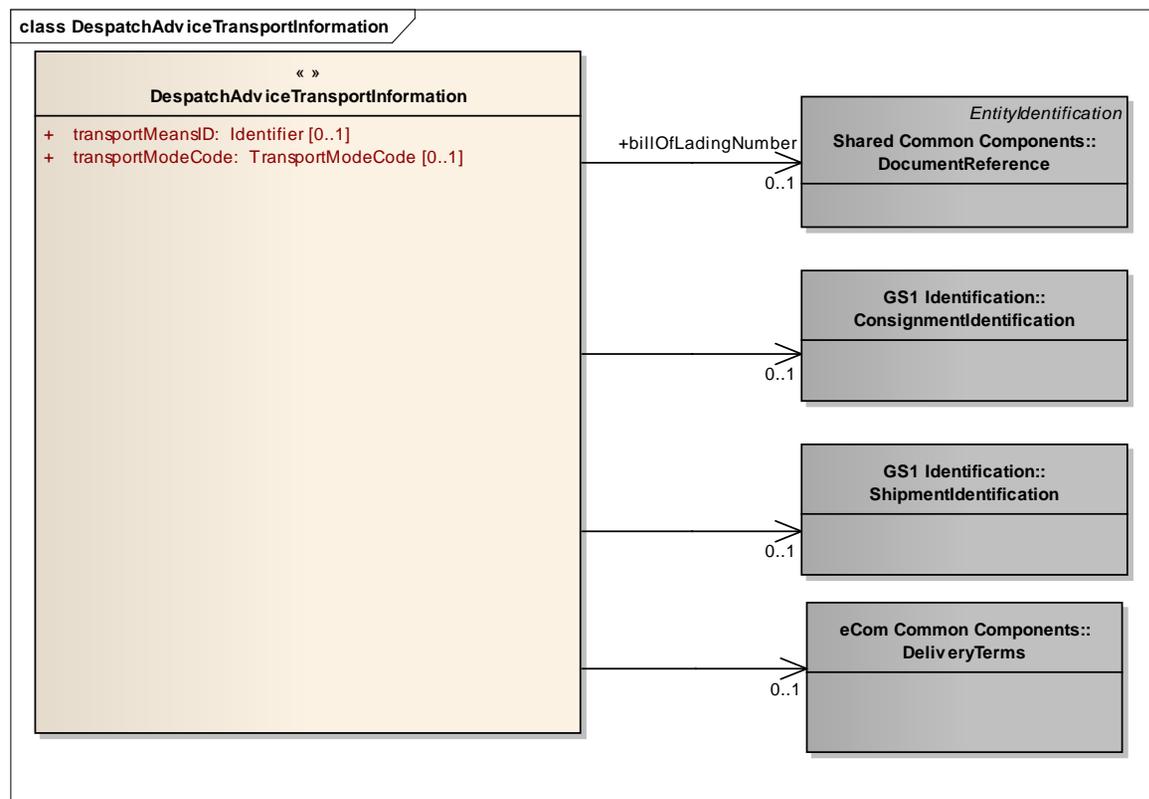
GDD Report

Content	Attribute / Role	Datatype /Secondary class	Multiplcity	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

Content	Attribute / Role	Datatype /Secondary class	Multiplcity	Definition	Requirements
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



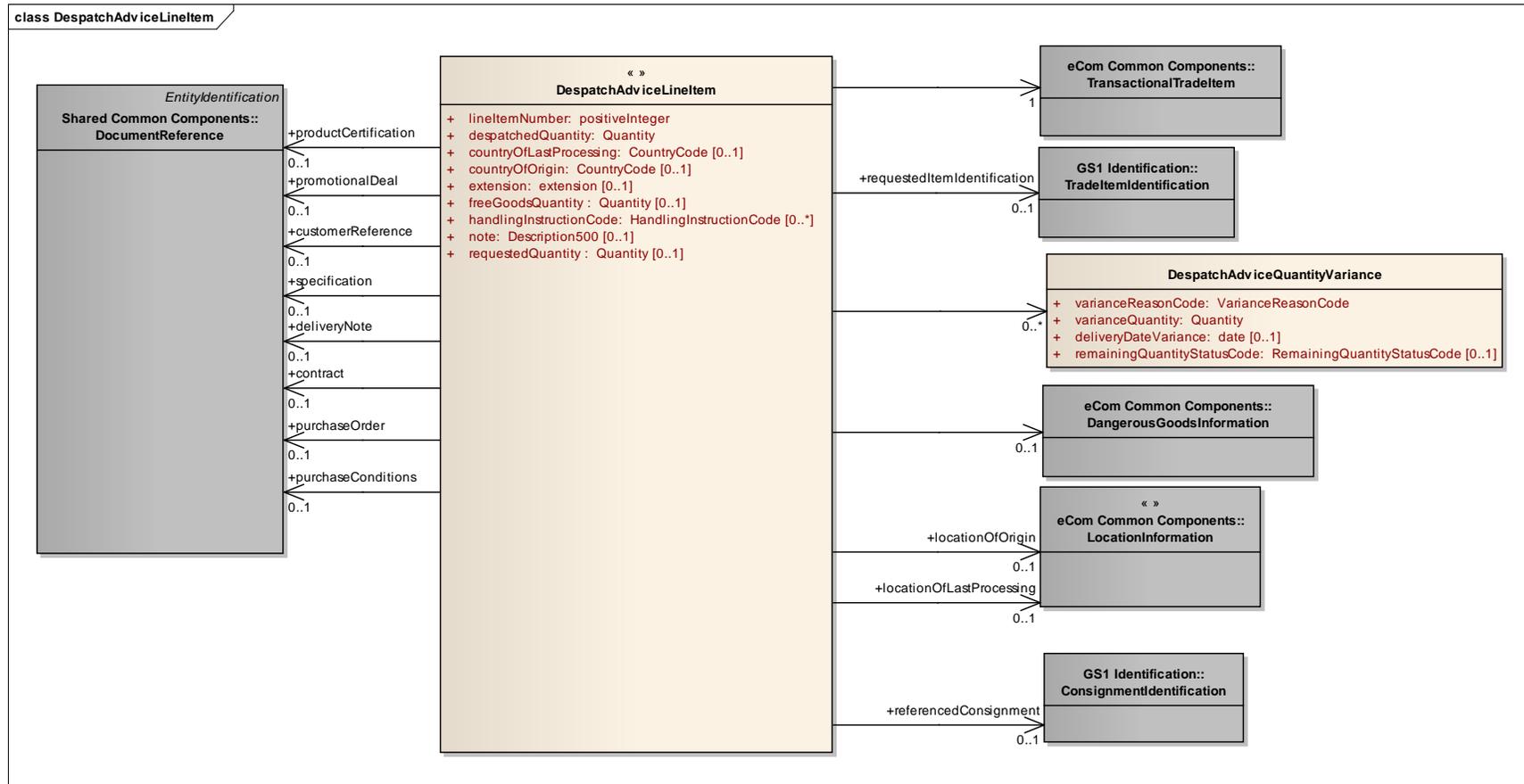
GDD Report

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
DespatchAdviceTransportInformation				Information with regards to the transportation and delivery of the shipment.	
Association		ConsignmentIdentification	0..1	The identification of a consignment related to the shipment specified in the despatch advice.	
Association		DeliveryTerms	0..1	The delivery terms for the shipment.	

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
Association		ShipmentIdentification	0..1	The identification of the shipment specified in the despatch advice.	
Association	billOfLadingNumber	DocumentReference	0..1	Bill of lading: A 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.	
Attribute	transportMeansID	Identifier	0..1	Vehicle license plate/Aircraft number identifying a means of transport.	MR3 renamed from license Plate
Attribute	transportModeCode	TransportModeCode	0..1	Code specifying the mode of transport.	

4.4. Despatch Advice Line Item

Class Diagram



GDD Report

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
DespatchAdviceLineItem				Information specifying the contents, characteristics, history and physical characteristics of delivered goods.	

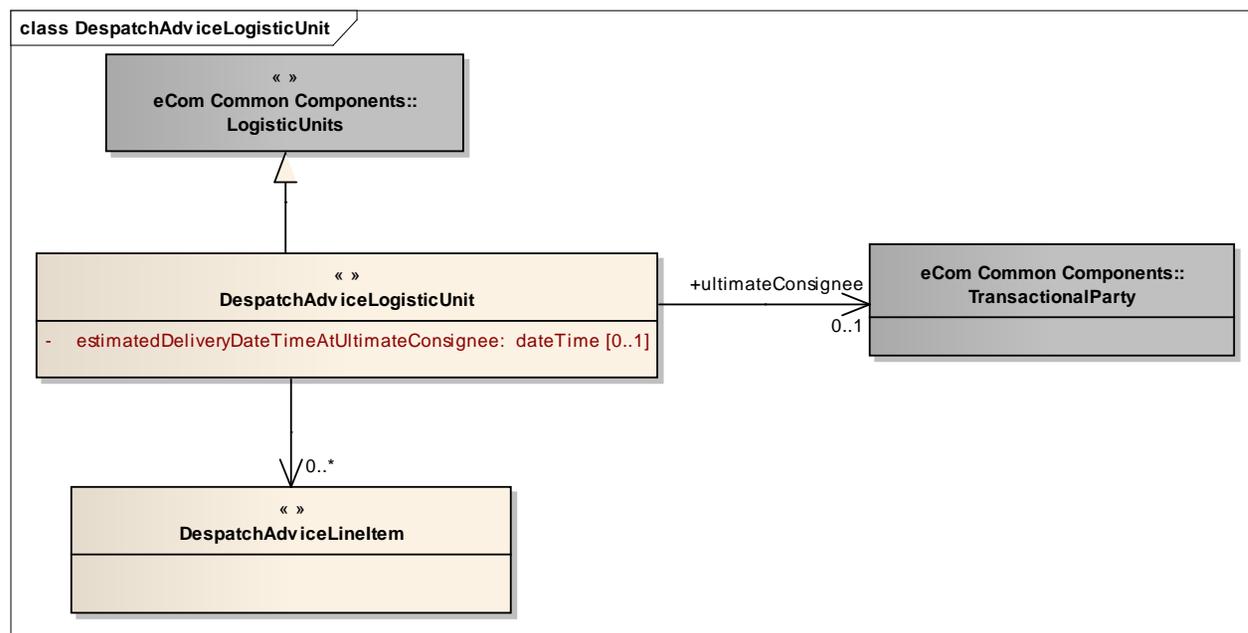
Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
Association	requestedItemIdentification	TradeItemIdentification	0..1	The trade item identification of the goods that were ordered or planned to be delivered.	
Association	deliveryNote	DocumentReference	0..1	Reference to the physical document that accompanies the delivered goods.	
Association	referencedConsignment	ConsignmentIdentification	0..1	Reference to the identification of the consignment.	
Association	purchaseConditions	DocumentReference	0..1	Reference to the business document that describes the commercial conditions under which the goods are delivered.	
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	contract	DocumentReference	0..1	Reference to the contractual agreement under which the goods are delivered.	
Association	purchaseOrder	DocumentReference	0..1	Reference to the business document that triggered the delivery of the goods.	
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	customerReference	DocumentReference	0..1	Reference to the end customer that will receive the goods.	MR3 renamed from customer
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	locationOfLastProcessing	LocationInformation	0..1	The name and address of the last processing location in which the trade item was processed or transformed.	

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
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	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	promotionalDeal	DocumentReference	0..1	Reference to a number assigned by a vendor to a special promotion activity.	
Attribute	lineItemNumber	positiveInteger	1..1	Provides the line number associated to the Despatch Advice Line Item.	
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	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.	

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
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.	
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
Attribute	varianceQuantity	Quantity	1..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	remainingQuantityStatusCode	RemainingQuantityStatusCode	0..1	Code specifying the action that will be taken with respect to the goods that were not despatched.	BRAD RQ09-233

4.5. Despatch Advice Logistic Unit

Class Diagram



GDD Report

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
DespatchAdviceLogisticUnit				Information on a logistic unit contained in the shipment.	
Generalization		LogisticUnits			
Association	ultimateConsignee	TransactionalParty	0..1	Identifies the party that is the final destination for the logistic unit.	MR3 integration of crossdock extension
Association		DespatchAdviceLineItem	0..*	Information on the trade items contained in the shipment.	

Content	Attribute / Role	Datatype /Secondary class	Multiplicity	Definition	Requirements
Attribute	estimatedDeliveryDateTimeAtUltimateConsignee	dateTime	0..1	The date and time the logistic unit is expected to be delivered at the ultimate consignee.	MR3 integration of crossdock extension

4.6. Code Lists



Note: Reference Shared Common Library Business Message Release 3.0.0 and eCom Domain Common Library Business Message Release 3.0.0 for all Code Lists

Class	Codelist	Referenced in
DespatchAdvice	DeliveryTypeCode	eCom domain Common Library Business Message (BMS) Release 3.0.0
DespatchAdviceTransportInformation	TransportmodeCode	eCom domain Common Library Business Message (BMS) Release 3.0.0
DespatchAdviceLineItem	CountryCode	Shared Common Library Business Message (BMS) Release 3.0.0
DespatchAdviceLineItem	HandlingInstructionCode	eCom domain Common Library Business Message (BMS) Release 3.0.0
DespatchAdviceQuantityVariance	VarianceReasonCode	eCom domain Common Library Business Message (BMS) Release 3.0.0
DespatchAdviceQuantityVariance	RemainingQuantityStatusCode	eCom domain Common Library Business Message (BMS) Release 3.0.0

5. Business Message Examples

5.1. Despatch Advice Business Example

The following is an example of a despatch advice message. The message is sent out on July 31, 2010 11 AM. The message is identified with the unique identifier KC.

Parties

- Material Supplier (Shipper and Content Owner 8812345678903)
- Manufacturer (Receiver 8712345678913)
- Manufacturer Ship To (8712345678921)

Referenced Purchase Order

Purchase Order 933, from Manufacturer (8712345678913) Date 2010-04-12, Line Item 25

Despatch Information

Actual Ship Date Time: July 4, 2010 300 PM

Despatch Advice Logistic Line Item

Package Type: PE (Pallet, Modular)

Logistics Unit Identification SSCC 388123456700001011

Despatch Advice Item Containment Line Item

Country of Origin: Costa Rica

Item GTIN: 08712345678906

Quantity: 700

Delivery Note References

Referenced Date Time: April 24, 2010 T 900 AM

Referenced Identification: DN

Line Item Number: 1

DespatchAdvice	
Document	
creationDateTime	2010-07-31T11:00:00
documentStatus	ORIGINAL
EntityIdentification (+despatchAdviceIdentification)	
entityIdentification	KC
PartyIdentification (+contentOwner)	
gln	8812345678903
TransactionalParty (+shipper)	
gln	8812345678903
TransactionalParty (+receiver)	
gLN	8712345678913
TransactionalParty (+shipTo)	
gln	8712345678921
DocumentReference (+purchaseOrder)	
lineNumber	25
creationDateTime	2010-07-31T00:00:00
EntityIdentification	
entityIdentification	933
TransactionalParty (+contentOwner)	
gln	8712345678913
DespatchInformation	
actualShipDateTime	2010-07-04T15:00:00
DespatchAdviceLogisticUnit	
LogisticUnits	
packageType	PE (pallet, modular)
LogisticUnitIdentification	
sscc	388123456700001011

DespatchAdvice	
<i>DespatchAdviceLineItem</i>	
lineItemNumber	1
despatchedQuantity	700
countryOfOrigin	CR
<i>TransactionalTradeItemIdentification (+requestedItemIdentification)</i>	
gtin	08712345678906
<i>DocumentReference (+deliveryNote)</i>	
lineItemNumber	001
referenceDateTime	2007-04-24T09:00:00
referenceIdentification	DN

5.2. Despatch Advice Cross Dock Business Example

The following is an example of a despatch advice message with the crossdock extension. The message is sent out on February 9th at 11 AM. The message is identified with the unique identifier 200540001. The content owner is the sending party, in this case the material supplier (Shipper 8812345678903).

The ultimate consignee is 8812347678903

The despatch advice is sent by the material supplier (Shipper 8812345678903) to the manufacturer (Receiver 8712345678913).

DespatchAdvice	
Document	
creationDateTime	2010-02-09T11:00:00
documentStatus	ORIGINAL
EntityIdentification (+despatchAdviceIdentification)	
entityIdentification	200540001
PartyIdentification (+contentOwner)	
gln	8812345678903
TransactionalParty (+shipper)	
gln	8812345678903
TransactionalParty (+receiver)	
gLN	8712345678913
TransactionalParty (+shipTo)	
gln	8712345678921
TransactionalParty (+inventoryLocation)	
gln	8712345678922
DocumentReference (+purchaseConditions)	
EntityIdentification	
entityIdentification	2004000012
PartyIdentification (+contentOwner)	
gln	8812345678903
DespatchAdviceTransportInformation	
DocumentReference (+billOfLadingNumber)	
creationDateTime	2010-02-09T10:00:00
entityIdentification	88021
DespatchInformation	
actualShipDateTime	2010-02-09T11:10:00
DespatchAdviceLogisticUnit	
LogisticUnits	
packageType	PE (pallet, modular)

DespatchAdvice	
<i>LogisticUnitIdentification</i>	
sscc	388123456700001011
<i>DespatchAdviceLineItem</i>	
lineItemNumber	1
despatchedQuantity	700
<i>TradeItemIdentification (+requestedItemIdentification)</i>	
gtin	08712345678906
<i>DocumentReference (+deliveryNote)</i>	
lineItemNumber	001
creationDateTime	2010-02-09T11:00:00
<i>EntityIdentification</i>	
referenceIdentification	2400021
<i>TransactionalTradeItem</i>	
<i>TransactionalItemData</i>	
lotNumber	ASD00012
bestBeforeDate	2010-08-01
<i>ConsignmentIdentification(+referencedConsignment)</i>	
ginc	GS12006156969
<i>TransactionalParty (+ultimateConsignee)</i>	
gln	8812347678903

6. Implementation 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

Despatch Advice Line Number	Reference Identification and Date	Referenced Line Number
3	Purchase Order 990, Date 2007-06-12	1

7. Appendices

Not Applicable

8. Summary of Changes

8.1. BMS 3.0

Change	BSD Version	Associated CR Number
Incorporated Cross Dock Extension into the message itself. Added elements corresponding to the Current requirements queue Updated the GDD Reports and Class diagrams Updated the Business Example and test data sections Added the architectural principles section. Updated the introduction and use cases.	Issue 5.0.0	09-000233 09-000235 09-000236 09-000238 09-000240 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	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

8.2. BMS 3.1

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