



# Transport Status Request and Notification Business Message Standard (BMS)

*Release 3.1*

*1-May-2013, Issue 1*



## Document Summary

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## Business Requirements Document (BRAD) Reference

BRAD Title:	BRAD Date:	BRAD Version
Transport Management		1.0

## Document Change History

Date of Change	Version	Changed By	Reason for Change	Summary of Change
25-Oct-2011	BMS 3.0 issue 1.1.0	Coen Janssen	BMS Release 3.0 eBallot Approved	Status updated
1-May-2013	BMS 3.1 – issue 1	Coen Janssen	BMS Release 3.1, first draft	See section Summary of Changes

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# 1. Business Domain View

## 1.1. Problem Statement / Business Need

This scenario allows for the exchange of information regarding the status of transport execution progress at any point (in time or place) within the full transport chain.

A status message may be sent:

- as the result of a request or requests for information (through the Transport Status Request message) regarding a consignment or consignments;
- on a scheduled basis at predetermined times;
- on the occurrence of a selected event or events;
- on the occurrence of an exceptional event as agreed by the partners involved.

This message can relate to a status (or status's) that has (or have) been reached in a transport chain. Additionally, the message may report an exceptional status and the reason for that exceptional status.

In general the exchange of Transport Status Request and Transport Status Notification messages is optional and to be agreed between the LSC and LSP. However, normally at least one Transport Status message is provided by the LSP to the LSC and/or any other agreed party to inform those parties on the final delivery of the goods.

Current technology of IT devices installed on transport means or transport equipment (usually known as vehicle or assets track devices) allows to measure and communicate a set of parameters, such as:

- Temperature
- Position (GPS latitude and longitude)
- Speed
- Engine on/off
- Door status: open/closed
- Refrigeration system on/off
- Etc.

The Transport Status Notification message supports the inclusion of this kind of information.

## 1.2. Objective

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

- Transport Status Request
- Transport Status Notification

## 1.3. Audience

Not Applicable

## 1.4. References

Reference Name
BRAD Transport Management (GS1, 2009)
Logistics Interoperability Model (GS1, 2007)
BMS eCom Common Library 3.1 (GS1, 2012)
BMS Shared Common Library 3.1 (GS1, 2012)

## 1.5. Acknowledgements

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

### 1.5.1. Work Group

Function	Name	Company / organisation
BRG Work Group Chair	Fred Kempkes	Unilever
BRG Work Group Chair	Jaco Voorspuij	DHL
BRG Work Group Member	Mia Lenman	GS1 Sweden
BRG Work Group Member	Richard Chresta	GS1 Switzerland & UNCEFACT TGB3
BRG Work Group Member	Jeff Melcher	Army & Air Force Exchange Service
BRG Work Group Member	Yuliya Shevchenko	GS1 Global Office
BRG Work Group Member	Roman Strand	GS1 Germany
BRG Work Group Member	Henk van Maaren	CETIMA & UNCEFACT TBG3
BRG Work Group Member	Pere Rosell	GS1 Spain
BRG Work Group Member	Mats Rosen	DSV Sweden
BRG Work Group Member	Helena Lunden	ICA Sweden
BRG Work Group Member	Gerald Borgolte	Atos Origin
BRG Work Group Member	Audun Vennesland	SINTEF & eFreight
BRG Work Group Member	Mary Vayou	BMT Group Ltd & eFreight
BRG Work Group Member		
BRG Work Group Member		

### 1.5.2. Development Team Members

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

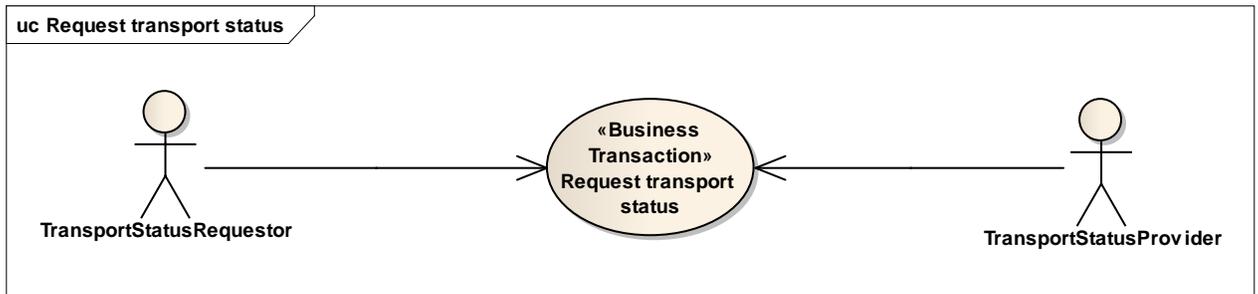
## 2. Business Context

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

### 3. Business Transaction View

#### 3.1. Business Transaction - Request Transport Status

##### Use Case Diagram



##### Use Case Description

uc Request transport status										
<b>Use Case ID</b>	UC-1									
<b>Use Case Name</b>	Request transport status									
<b>Use Case Description</b>	To request information regarding the status of transport execution progress.									
<b>Actors (Goal)</b>	Transport Status Requestor Transport Status Provider									
<b>Performance Goals</b>	Not applicable									
<b>Preconditions</b>	Interoperation agreement is in place.									
<b>Post conditions</b>	Transport status request has been received by the LSS									
<b>Scenario</b>	Begins when the transport status requestor determines a transport status update is needed. Continues with... <table border="1" data-bbox="475 1465 1429 1598"> <thead> <tr> <th>Step #</th> <th>Actor</th> <th>Activity Step</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Requestor</td> <td>Issues a transport status request</td> </tr> <tr> <td>2</td> <td>Provider</td> <td>Receives the transport status request</td> </tr> </tbody> </table> Ends when the LSS has processed the transport status request in the transport management system.	Step #	Actor	Activity Step	1	Requestor	Issues a transport status request	2	Provider	Receives the transport status request
Step #	Actor	Activity Step								
1	Requestor	Issues a transport status request								
2	Provider	Receives the transport status request								
<b>Alternative Scenario</b>	Not applicable									
<b>Related Requirements</b>	Not applicable									

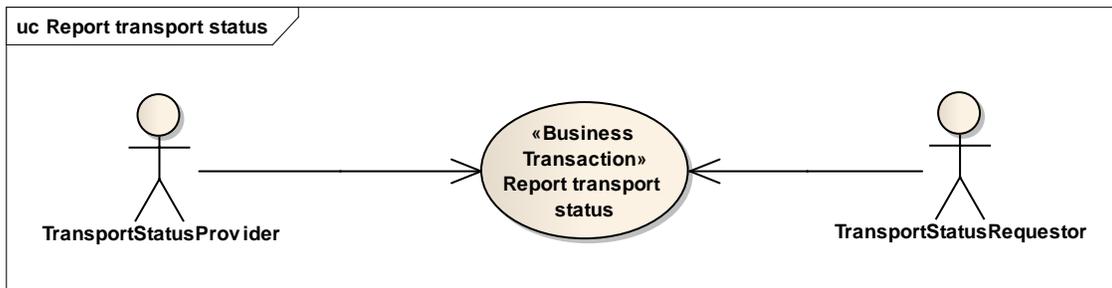
<b>Related Rules</b>	Not applicable
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### Activity Diagram(s)

Not applicable

## 3.2. Report Transport Status

### Use Case Diagram



### Use Case Description

<b>Use Case ID</b>	UC-2
<b>Use Case Name</b>	Report transport status
<b>Use Case Description</b>	<p>Transport Status: The main objective is to report the transport status between the transport status requestor and the transport status provider.</p> <p>Information on Delivery: The main objective is for the logistics services seller to inform the logistics services buyer on the final execution status of deliveries specified in a transport instruction.</p>
<b>Actors (Goal)</b>	Transport Status Requestor Transport Status Provider
<b>Performance Goals</b>	Not applicable
<b>Preconditions</b>	Either: The transport status provider did receive a transport status request; Or A pre-agreed event type or time interval determines when a transport status notification needs to be sent.  Furthermore: The requesting party is indeed entitled to the transport status information.
<b>Post conditions</b>	Transport status notification has been received by the transport status requestor.

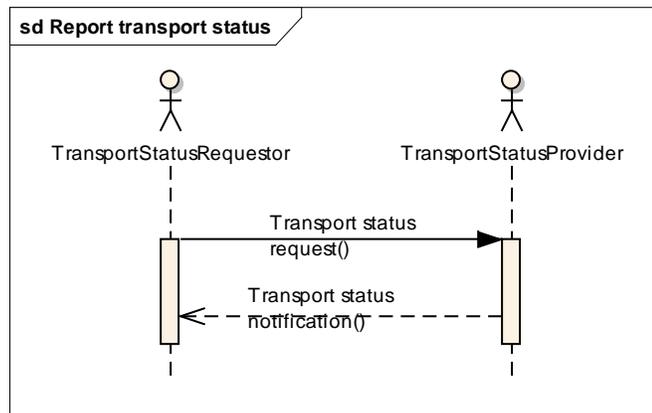
<b>Scenario</b>	Begins when the transport status provider receives a request. Continues with... <table border="1" style="margin: 10px 0;"> <thead> <tr> <th style="background-color: #4F81BD; color: white;">Step #</th> <th style="background-color: #4F81BD; color: white;">Actor</th> <th style="background-color: #4F81BD; color: white;">Activity Step</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Provider</td> <td>Issues a transport status notification</td> </tr> <tr> <td>2</td> <td>Requestor</td> <td>Receives the transport status notification</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> Ends when the requestor has processed the transport status notification.	Step #	Actor	Activity Step	1	Provider	Issues a transport status notification	2	Requestor	Receives the transport status notification			
Step #	Actor	Activity Step											
1	Provider	Issues a transport status notification											
2	Requestor	Receives the transport status notification											
<b>Alternative Scenario</b>	Begins when the transport status provider determines it is time to send a transport status notification. Continues with... <table border="1" style="margin: 10px 0;"> <thead> <tr> <th style="background-color: #4F81BD; color: white;">Step #</th> <th style="background-color: #4F81BD; color: white;">Actor</th> <th style="background-color: #4F81BD; color: white;">Activity Step</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Provider</td> <td>Issues a transport status notification</td> </tr> <tr> <td>2</td> <td>Requestor</td> <td>Receives the transport status notification</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> Ends when the requestor has processed the transport status notification.	Step #	Actor	Activity Step	1	Provider	Issues a transport status notification	2	Requestor	Receives the transport status notification			
Step #	Actor	Activity Step											
1	Provider	Issues a transport status notification											
2	Requestor	Receives the transport status notification											
<b>Related Requirements</b>	Not applicable												
<b>Related Rules</b>	Not applicable												

### Activity Diagram(s)

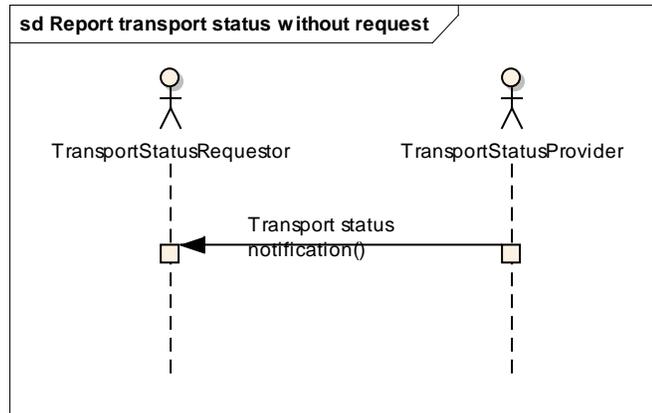
Not applicable

### Sequence Diagram(s)

**Figure:** Report Transport Status with prior request



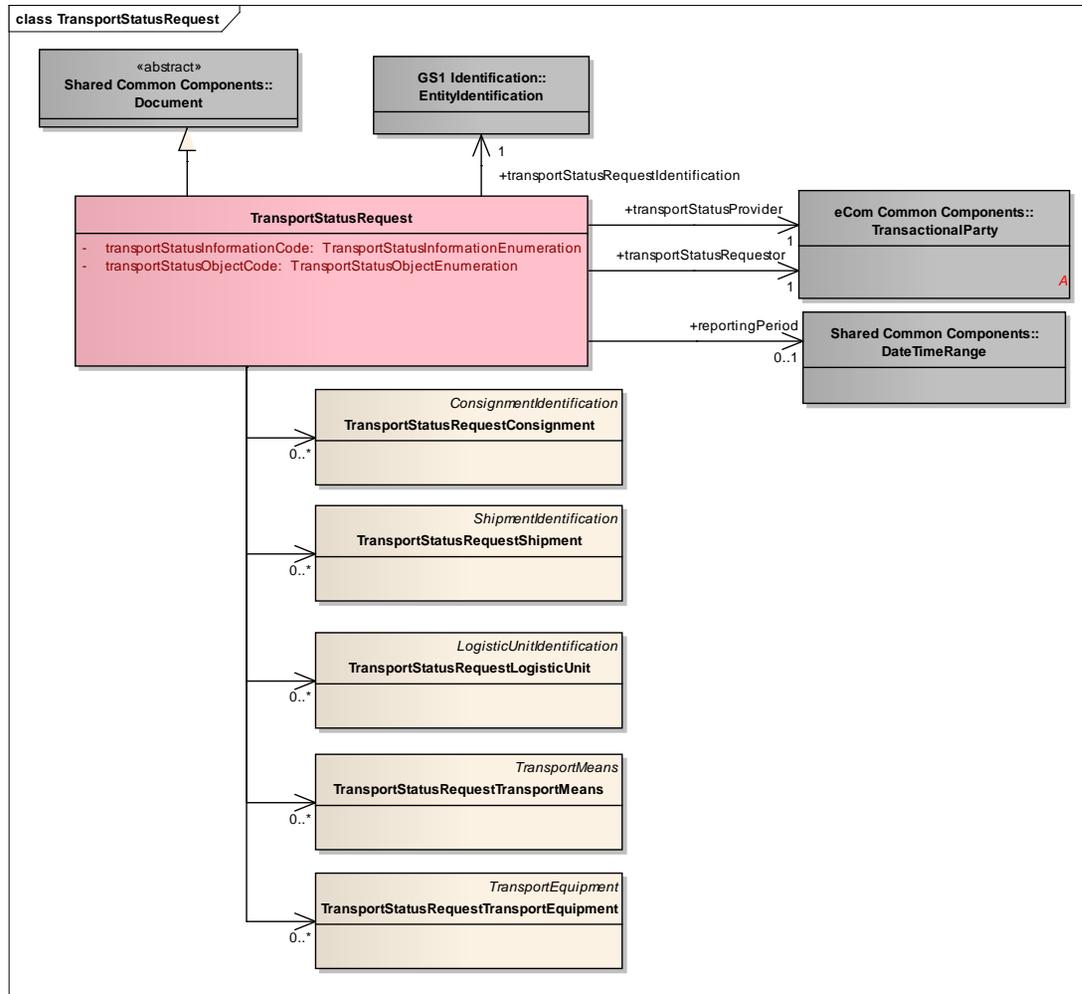
**Figure:** Report Transport Status without prior request



## 4. Business Information View

### 4.1. Transport Status Request (message)

#### Class Diagram

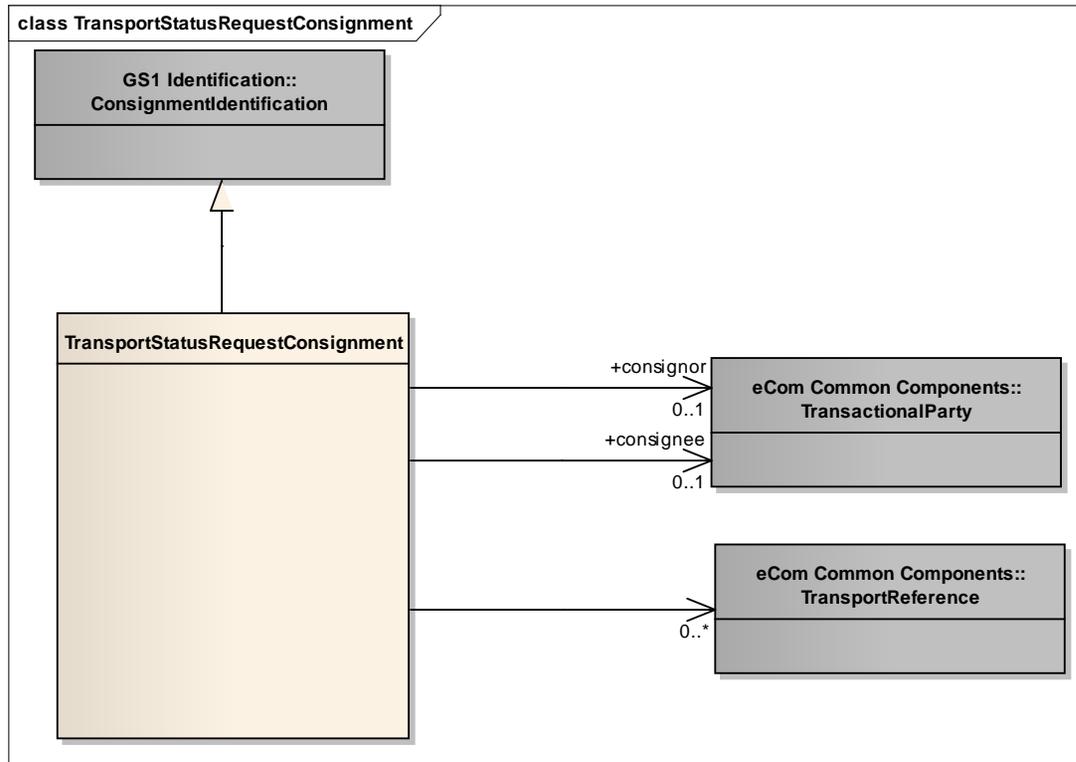


**GDD Report**

content	attribute / role	datatype /secondary class	multiplicity	definition	requirements
TransportStatusRequest				Message requesting information on the transport status and movements of a transport related object.	
Generalization		Document		Provides the generic document details for the transport status request.	
Association	transportStatusProvider	TransactionalParty	1..1	A party that provides transport status information to another party.	
Association	transportStatusRequestor	TransactionalParty	1..1	A party that requests transport status information from another party.	
Association	transportStatusRequestIdentification	EntityIdentification	1..1	The identification of the transport status request document.	
Association		TransportStatusRequestConsignment	0..*	Information identifying the consignment for which transport status information is being requested.	
Association		TransportStatusRequestShipment	0..*	Information identifying the shipment for which transport status information is being requested.	
Association		TransportStatusRequestLogisticUnit	0..*	Information identifying the logistic unit for which transport status information is being requested.	
Association		TransportStatusRequestTransportMeans	0..*	Information identifying the transport means for which transport status information is being requested.	
Association		TransportStatusRequestTransportEquipment	0..*	Information identifying the piece of transport equipment for which transport status information is being requested.	
Association	reportingPeriod	DateTimeRange	0..1	The date time range for which transport status information is being requested.	
Attribute	transportStatusInformationCode	TransportStatusInformationEnumeration	1..1	Code specifying the type of transport status information that is being requested. Example: STATUS_ONLY.	
Attribute	transportStatusObjectCode	TransportStatusObjectEnumeration	1..1	Code specifying the type of object for which transport status information is being requested. Example: CONSIGNMENT.	

## 4.1.1. Transport Status Request – Consignment

### Class Diagram



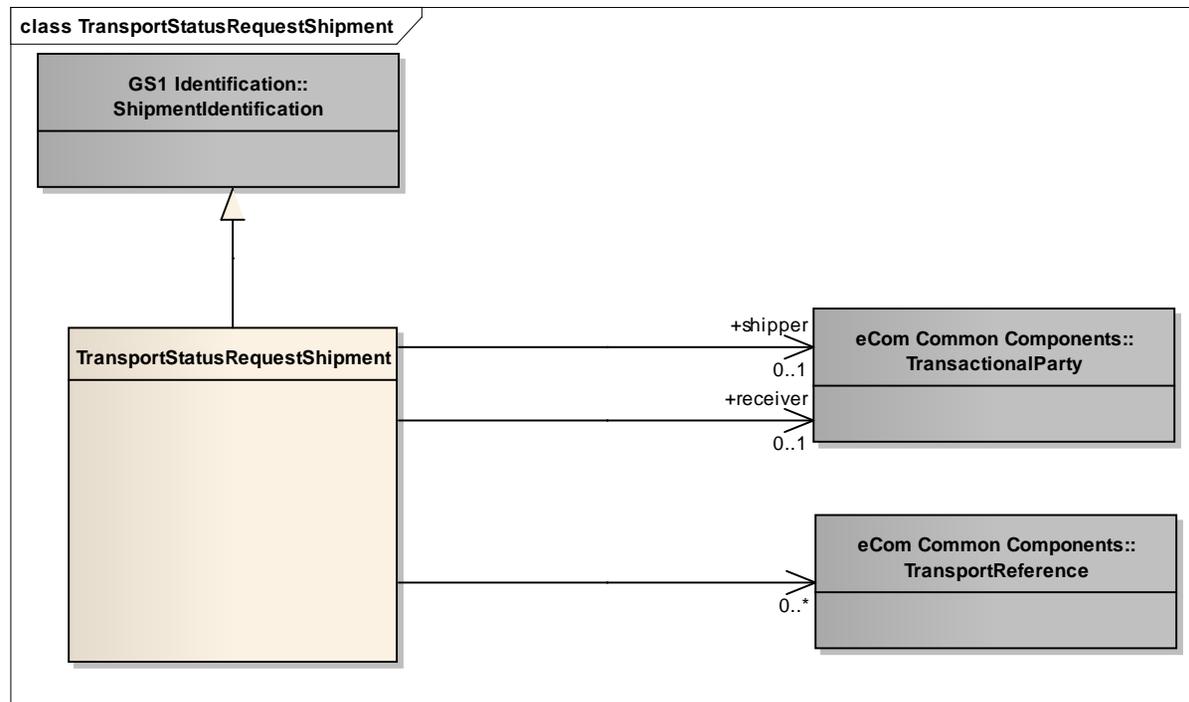
### GDD Report

content	multiplicity	attribute / role	datatype /secondary class	definition	requirements
TransportStatusRequestConsignment				Information identifying the consignment for which transport status information is being requested.	
Association	0..*		TransportReference	References to the commercial transaction or to transport or legal documents related to the consignment.	BRAD TM CON19

content	multiplicity	attribute / role	datatype /secondary class	definition	requirements
Association	0..1	consignee	TransactionalPart y	The party receiving a consignment of goods.	BRAD TM CON1
Generalization			ConsignmentIdent ification	The unique identifier for this consignment.	BRAD TM CON3
Association	0..1	consignor	TransactionalPart y	The party despatching a consignment of goods.	BRAD TM CON1

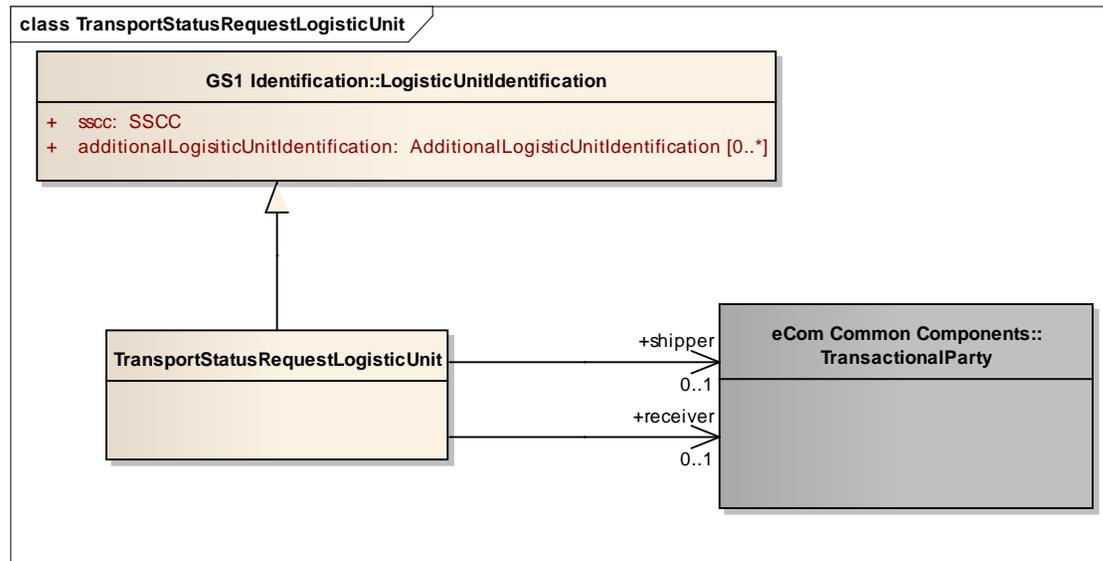
### 4.1.2. Transport Status Request – Shipment

#### Class Diagram



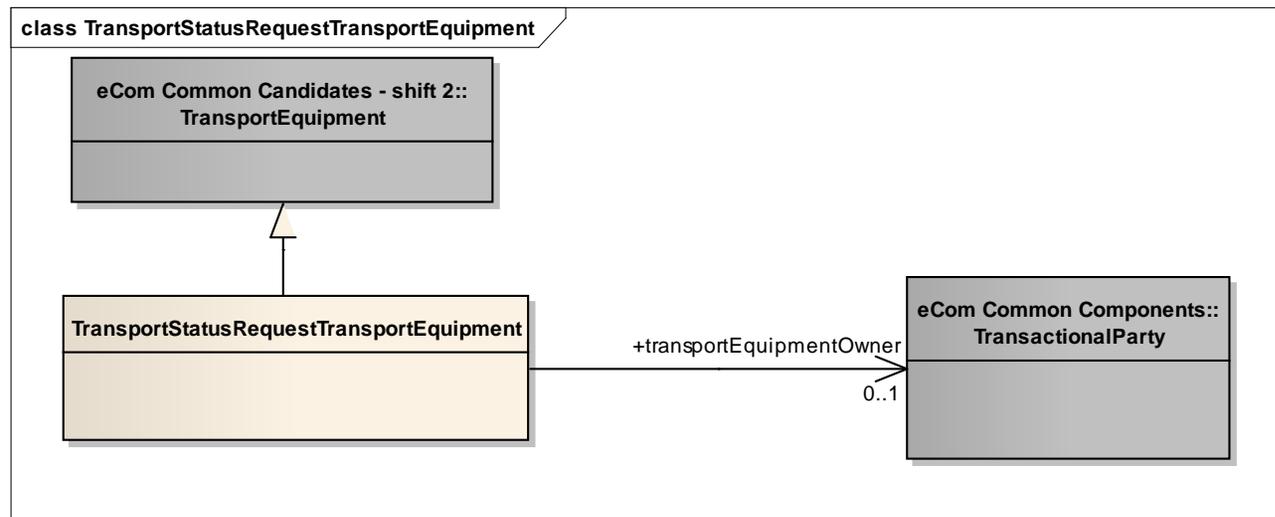
**GDD Report**

content	multiplicity	attribute / role	datatype /secondary class	definition	requirements
TransportStatusRequestShipment				Information identifying the shipment for which transport status information is being requested	
Association	0..1	shipper	TransactionalParty	A party which engages in shipping this shipment of goods.	BRAD TM SHM1
Association	0..1	receiver	TransactionalParty	A party which engages in receiving this shipment of goods.	BRAD TM SHM1
Association	0..*		TransportReference	References to the commercial transaction or to transport and legal documents related to the shipment.	BRAD TM SHM16
Generalization			ShipmentIdentification	The unique identifier for this shipment.	BRAD TM SHM4

**4.1.3. Transport Status Request - Logistic Unit**
**Class Diagram**


**GDD Report**

content	multiplicity	attribute / role	datatype /secondary class	Definition	requirements
TransportStatusRequestLogisticUnit				Information identifying the logistic unit for which transport status information is being requested.	
Generalization			LogisticUnitIdentification	The unique identifier for this logistic unit.	
Association	0..1	shipper	TransactionalParty	A party which engages in shipping this shipment of goods.	
Association	0..1	receiver	TransactionalParty	A party which engages in receiving this shipment of goods.	

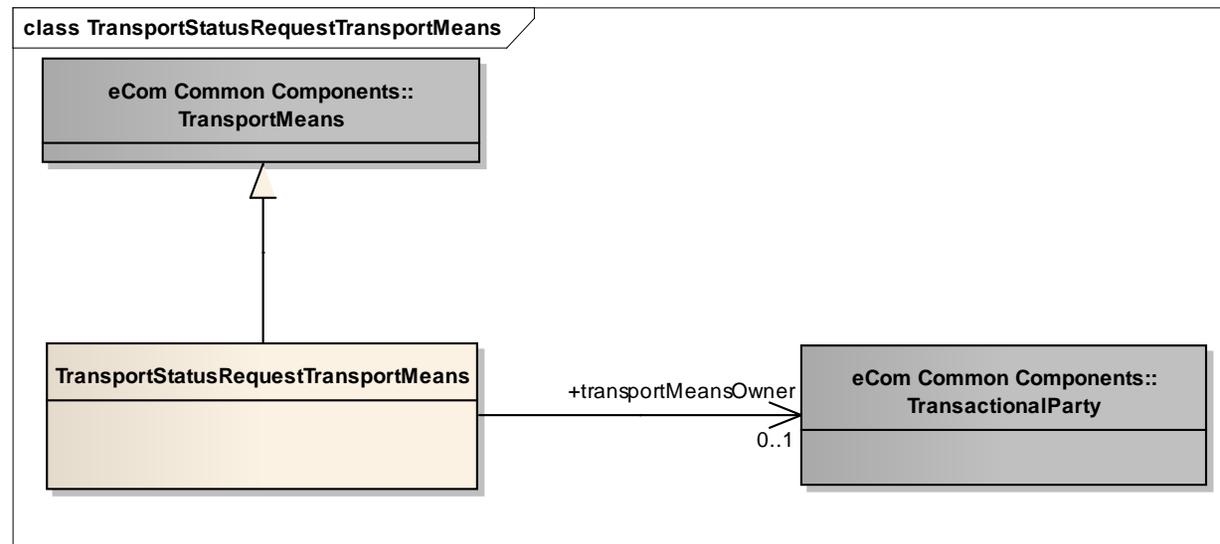
**4.1.4. Transport Status Request - Transport Equipment**
**Class Diagram**


### GDD Report

content	multiplicity	attribute / role	datatype /secondary class	definition	requirements
TransportStatusRequestTransportEquipment				Information identifying the piece of transport equipment for which transport status information is being requested.	
Generalization			TransportEquipment	Details describing and identifying the piece of transport equipment.	BRAD TM TEQ1,7
Association	0..1	transportEquipmentOwner	TransactionalParty	The party who owns the piece of transport equipment.	BRAD TM - new requirement

### 4.1.5. Transport Status Request - Transport Means

#### Class Diagram

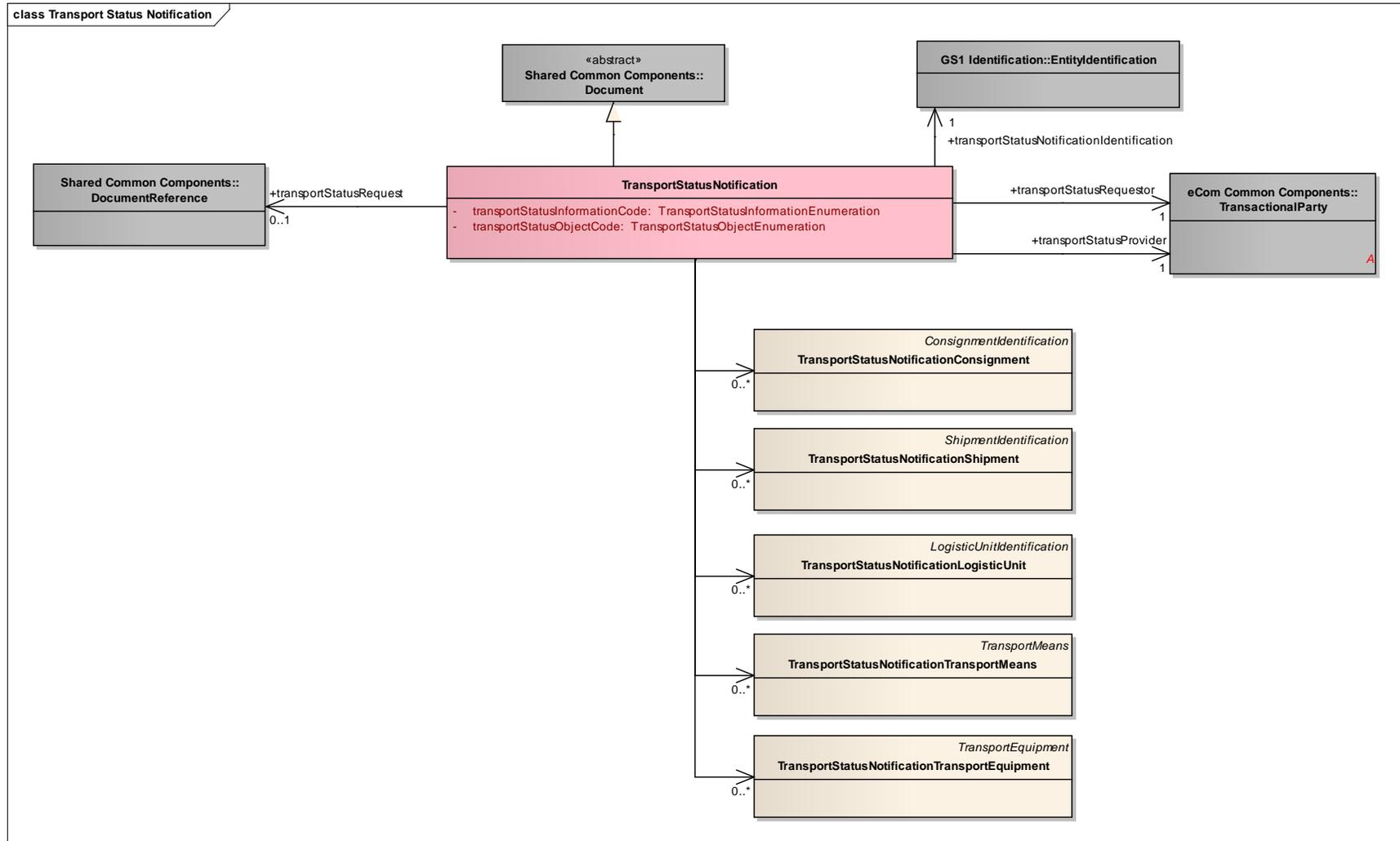


**GDD Report**

content	multiplicity	attribute / role	datatype /secondary class	definition	requirements
TransportStatusRequestTransport Means				Information identifying the transport means for which transport status information is being requested.	
Generalization			TransportMeans	Details describing and identifying the transport means.	BRAD TM TME1,2,3
Association	0..1	transportMeansOwner	TransactionalParty	The party who owns the transport means	BRAD TM - new requirement

## 4.2. Transport Status Notification (message)

### Class Diagram



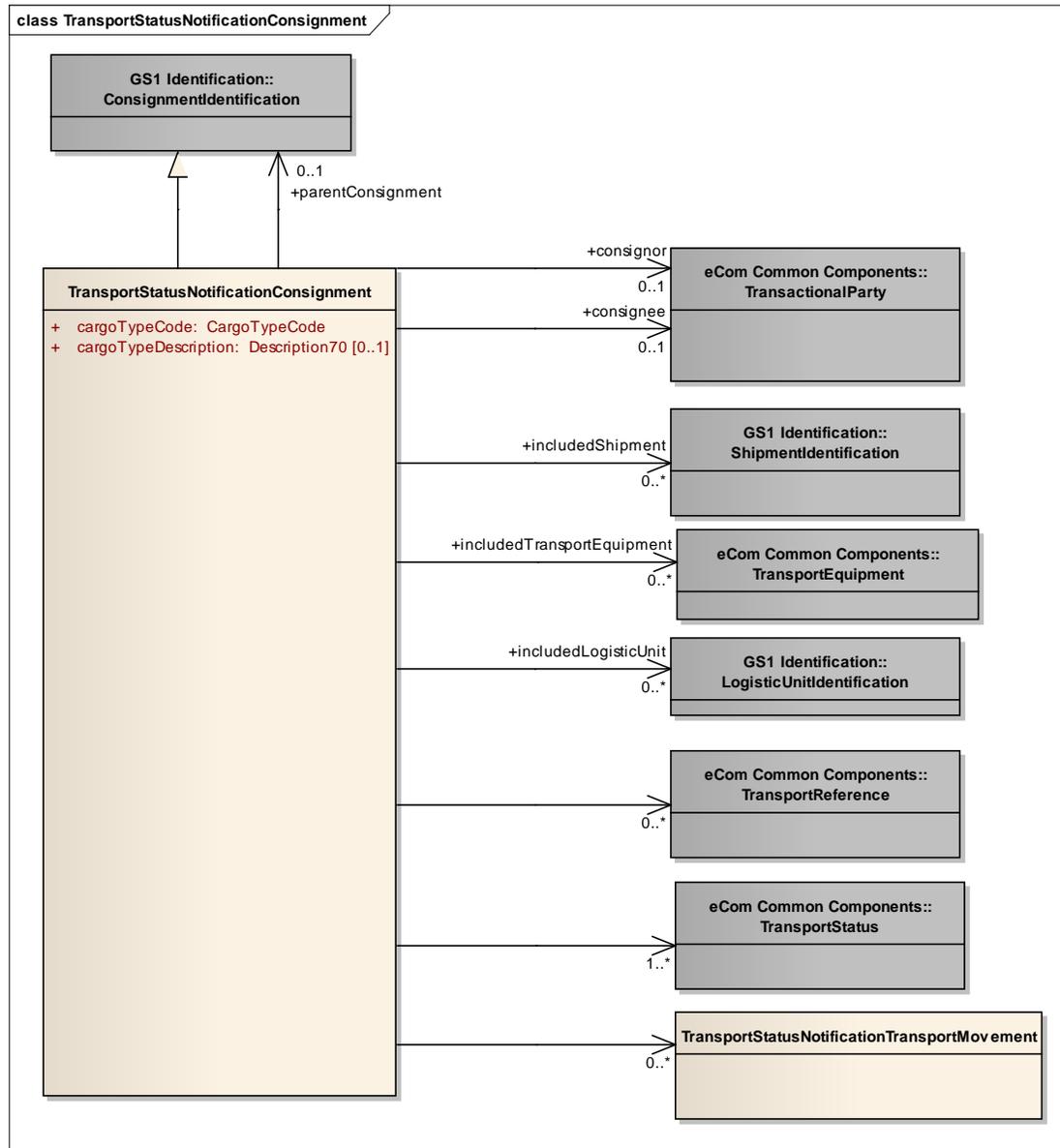
**GDD Report**

content	attribute / role	datatype /secondary class	multi plicity	Definition	requirements
TransportStatus Notification				Message providing information on the transport status and movements of a transport related object.	
Generalization		Document		Provides the generic document details for the transport status notification.	
Association	transportStatusRequestor	TransactionalParty	1..1	A party that requests transport status information from another party.	
Association	transportStatusProvider	TransactionalParty	1..1	A party that provides transport status information to another party.	
Association	transportStatusRequest	DocumentReference	0..1	Optional reference to the transport status request that triggered the sending of the transport status notification.	
Association		TransportStatusNotificationConsignment	0..*	Information on the status and movements of a consignment.	
Association		TransportStatusNotificationShipment	0..*	Information on the status and movements of a shipment.	
Association		TransportStatusNotificationLogisticUnit	0..*	Information on the status and movements of a logistic unit.	
Association		TransportStatusNotificationTransportMeans	0..*	Information on the status, movements and event log of a transport means.	
Association		TransportStatusNotificationTransportEquipment	0..*	Information on the status, movements and event log of a piece of transport equipment.	
Association	transportStatusNotificationIdentification	EntityIdentification	1..1	The identification of the transport status notification document.	
Attribute	transportStatusInformationCode	TransportStatusInformationEnumeration	1..1	Code specifying the type of transport status information that is being requested. Example: STATUS_ONLY.	

content	attribute / role	datatype /secondary class	multi plicit y	Definition	requirements
Attribute	transportStatusObjectCode	TransportStatusObjectEnumeration	1..1	Code specifying the type of object for which transport status information is being requested. Example: CONSIGNMENT.	

## 4.2.1. Transport Status Notification – Consignment

### Class Diagram

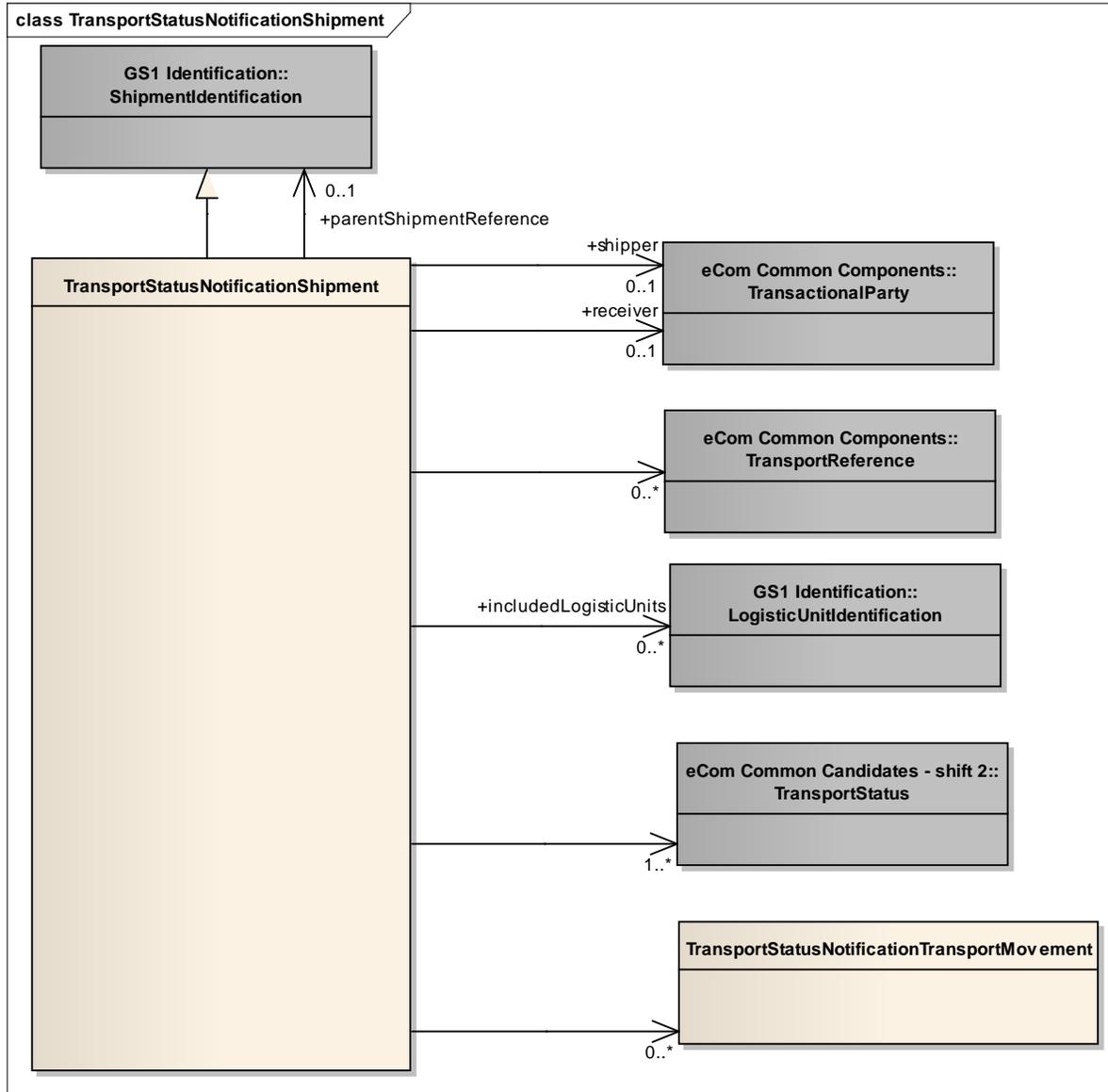


**GDD Report**

content	multiplicity	attribute / role	datatype /secondary class	definition	requirements
TransportStatusNotificationConsignment				Information on the status and movements of a consignment.	
Association	0..*	includedLogisticUnit	LogisticUnitIdentification	Identification of the logistic units contained in the consignment.	
Association	0..1	consignor	TransactionalParty	The party despatching a consignment of goods.	BRAD TM CON1
Association	0..1	consignee	TransactionalParty	The party receiving a consignment of goods.	BRAD TM CON1
Association	0..1	parentConsignment	ConsignmentIdentification	Reference to a consignment that contains this consignment (and several other consignments).	BRAD TM CON22
Association	0..*	includedShipment	ShipmentIdentification	Reference to the shipment(s) contained in this consignment.	BRAD TM CON28
Association	0..*		TransportReference	References to the commercial transaction or to transport or legal documents related to the consignment.	BRAD TM CON19
Association	0..*	includedTransportEquipment	TransportEquipment	Details on the transport equipment contained in the consignment.	
Association	1..*		TransportStatus	The transport status details for this consignment.	
Association	0..*		TransportStatusNotificationTransportMovement	The transport movement details for this consignment.	
Generalization			ConsignmentIdentification	The unique identifier for this consignment.	BRAD TM CON2
Attribute	1..1	cargoTypeCode	CargoTypeCode	Code specifying the classification of a type of cargo for example hazardous cargo.	BRAD CON8, CIT4, SHI4
Attribute	[0..1]	cargoTypeDescription	Description70	Free text specifying the classification of a type of cargo.	BRAD CON8, CIT4, SHI5

## 4.2.2. Transport Status Notification – Shipment

### Class Diagram

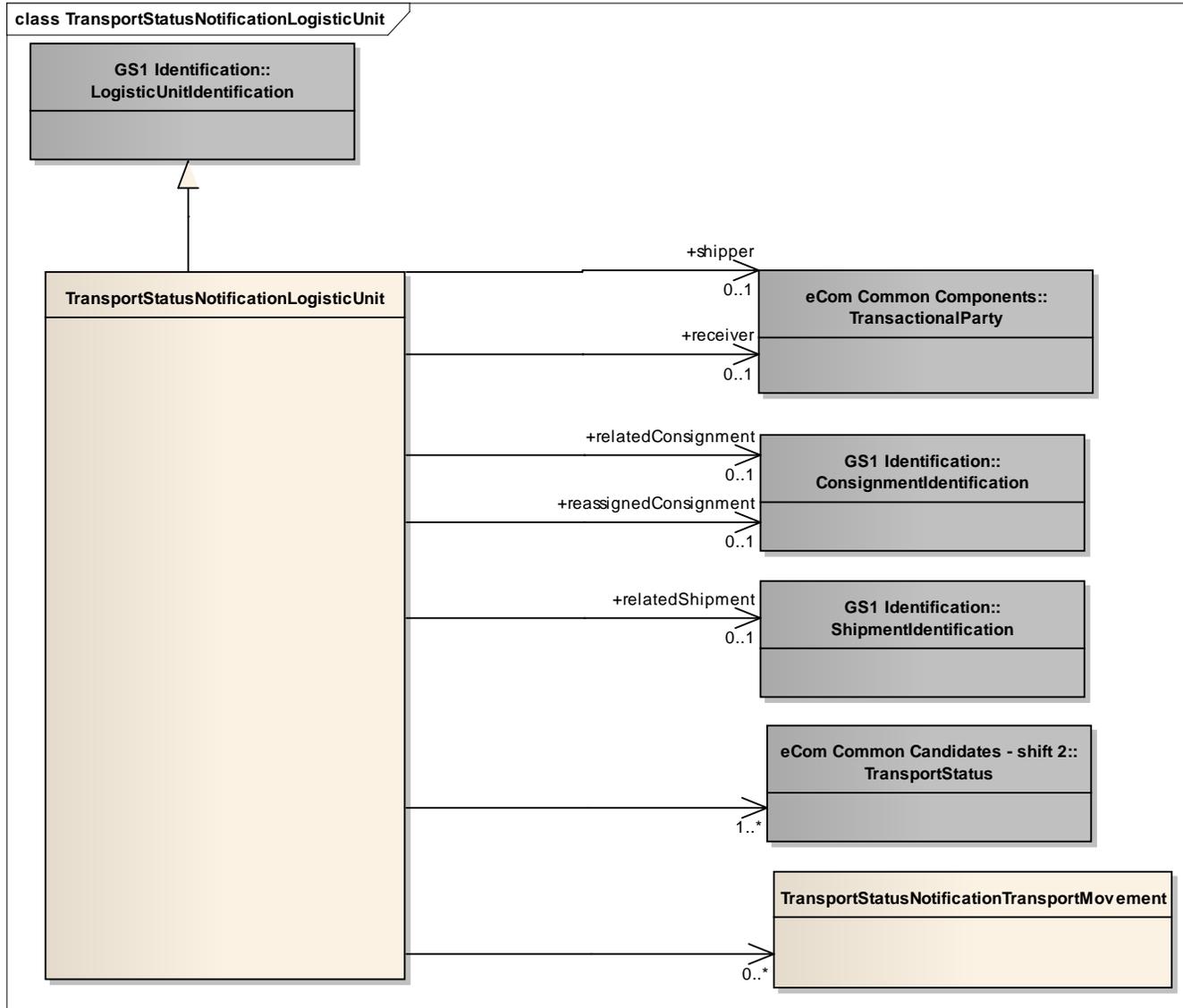


**GDD Report**

content	multiplicity	attribute / role	datatype /secondary class	definition	requirements
TransportStatusNotificationShipment				Information on the status and movements of a shipment.	
Association	0..*		TransportReference	The transport movement details for this shipment.	BRAD TM SHM16
Association	0..*	includedLogisticUnits	LogisticUnitIdentification	Identification of the logistic units contained in the shipment.	
Association	0..1	shipper	TransactionalParty	A party which engages in shipping this shipment of goods.	BRAD TM SHM1
Association	0..1	receiver	TransactionalParty	A party which engages in receiving this shipment of goods.	BRAD TM SHM1
Association	0..1	parentShipmentReference	ShipmentIdentification	The unique identifier for this shipment.	
Association	1..*		TransportStatus	The transport status details for this shipment.	
Association	0..*		TransportStatusNotificationTransportMovement	The transport movement details for this shipment.	BRAD TM SHM3
Generalization			ShipmentIdentification	The unique identifier for this shipment.	BRAD TM SHM4

### 4.2.3. Transport Status Notification - Logistic Unit

#### Class Diagram

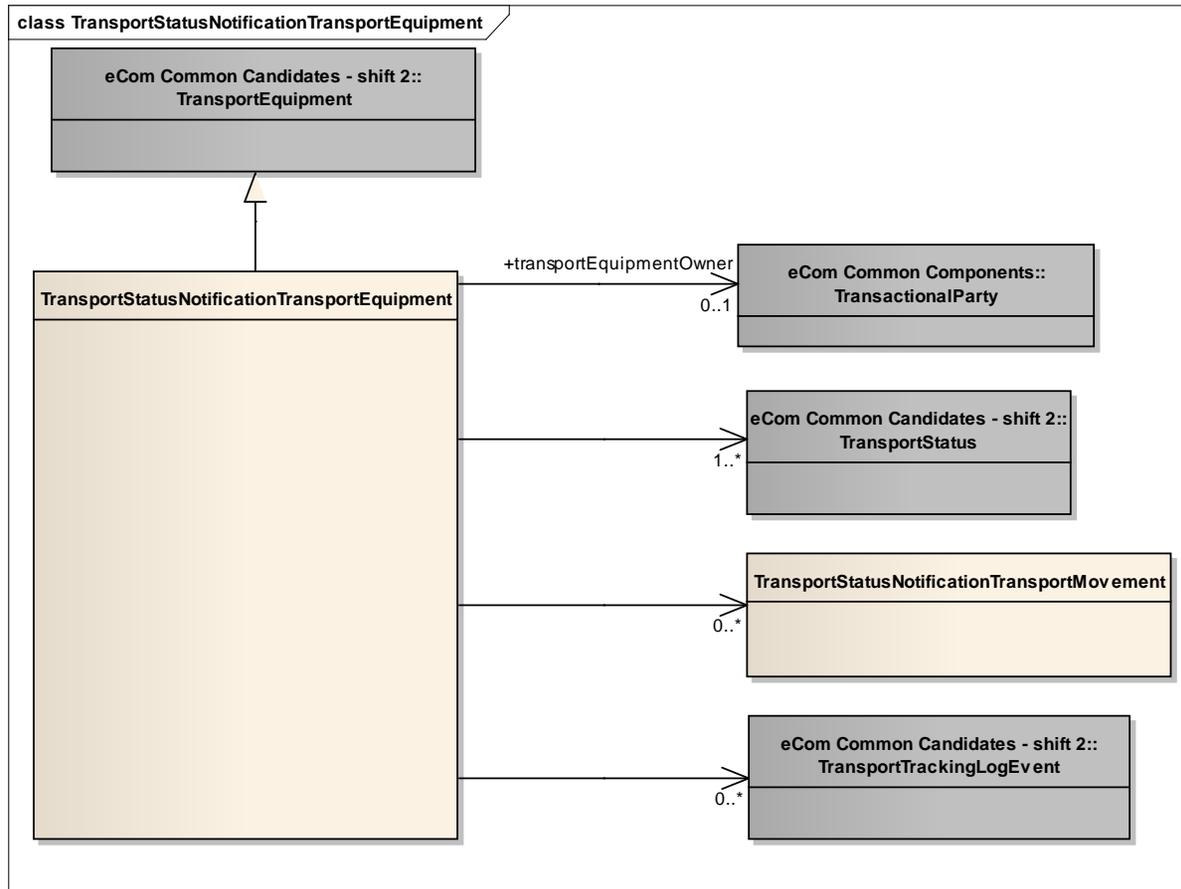


**GDD Report**

content	multiplicity	attribute / role	datatype /secondary class	definition	requirements
TransportStatusNotificationLogisticUnit				Information on the status and movements of a logistic unit.	
Association	0..1	relatedShipment	ShipmentIdentification	Identification of the shipment in which the logistic unit is contained.	
Association	0..1	reassignedConsignment	ConsignmentIdentification	Identification of the consignment to which the logistic unit has been reassigned.	
Association	0..1	shipper	TransactionalParty	A party which engages in shipping this logistic unit.	
Association	0..1	receiver	TransactionalParty	A party which engages in receiving this logistic unit.	
Association	1..*		TransportStatus	The transport status details for this logistic unit.	
Association	0..*		TransportStatusNotificationTransportMovement	The transport movement details for this logistic unit.	
Generalization			LogisticUnitIdentification	The unique identifier for this logistic unit.	
Association	0..1	relatedConsignment	ConsignmentIdentification	Identification of the consignment in which the logistic unit is contained.	

## 4.2.4. Transport Status Notification - Transport Equipment

### Class Diagram



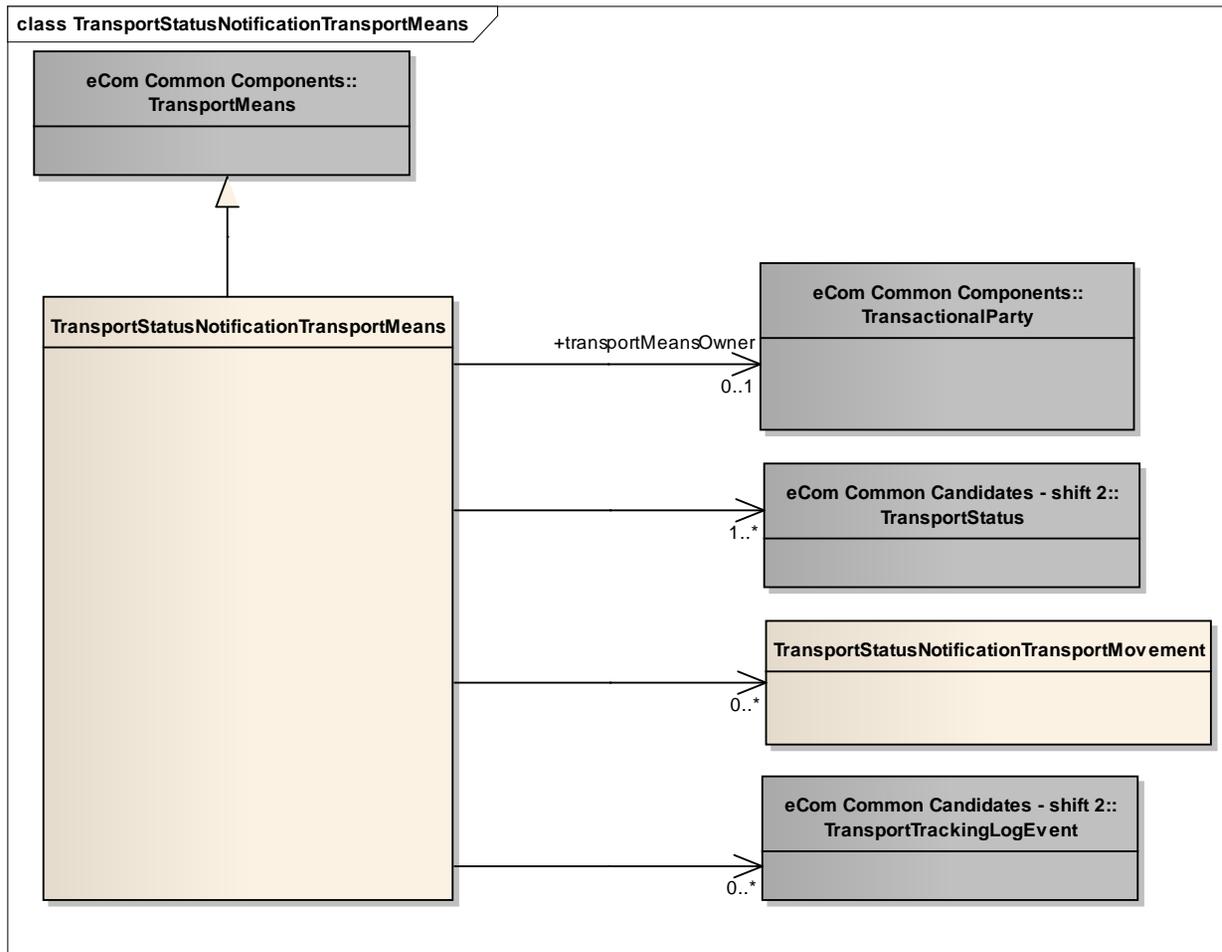
### GDD Report

content	multiplicity	attribute / role	datatype /secondary class	definition	requirements
TransportStatusNotificationTransportEquipment				Information on the status, movements and event log of a piece of transport equipment.	
Generalization			TransportEquipment	Details describing and identifying the piece of transport equipment.	BRAD TM TEQ1,7

content	multiplicity	attribute / role	datatype /secondary class	definition	requirements
Association	0..1	transportEquipment Owner	TransactionalParty	The party who owns the piece of transport equipment.	BRAD TM - new requirement
Association	1..*		TransportStatus	The transport status details for this piece of transport equipment.	
Association	0..*		TransportStatusNotificationTransportMovement	The transport movement details for this piece of transport equipment.	
Association	0..*		TransportTrackingLogEvent	The transport tracking details for this piece of transport equipment.	

## 4.2.5. Transport Status Notification - Transport Means

### Class Diagram

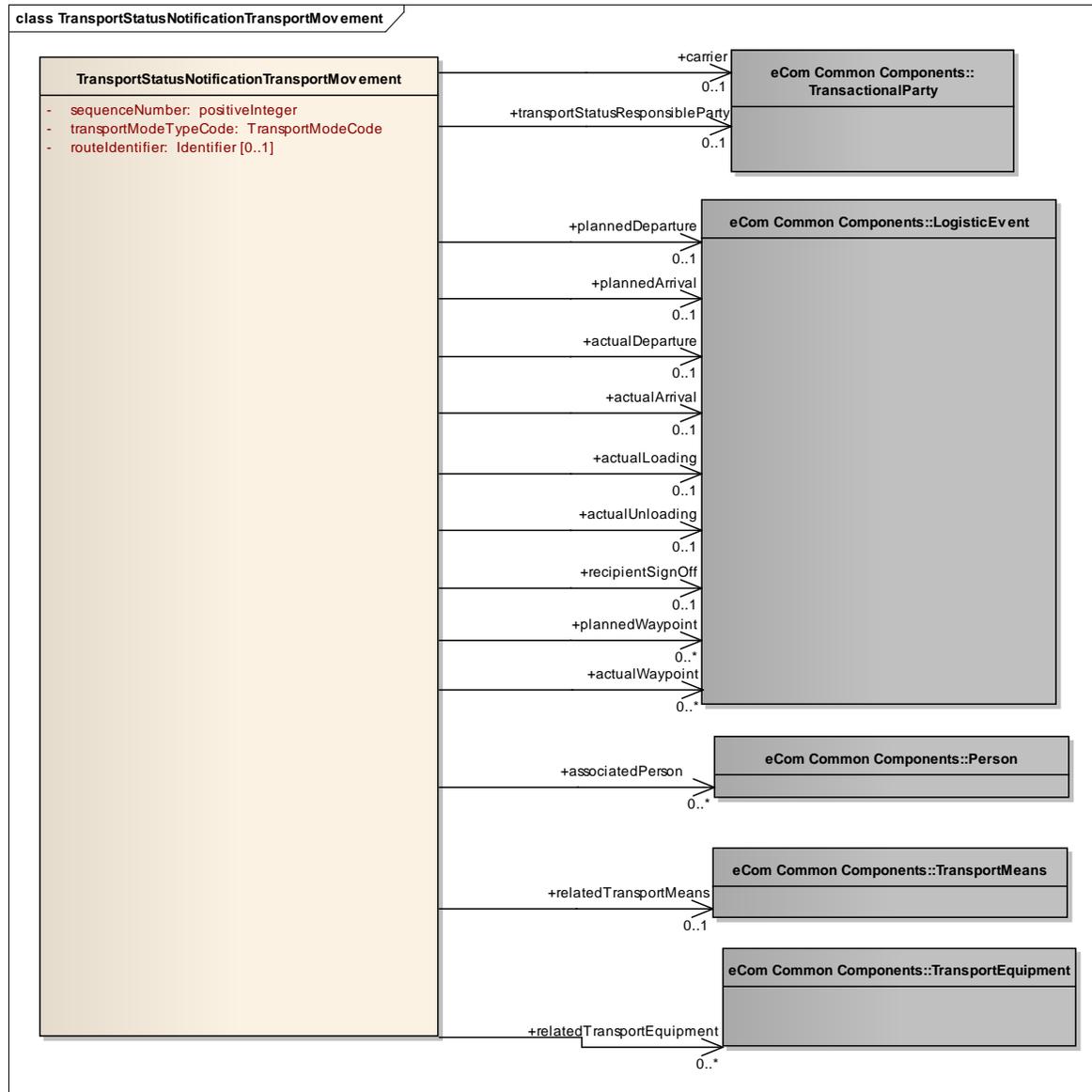


**GDD Report**

content	multiplicity	attribute / role	datatype /secondary class	definition	requirements
TransportStatusNotificationTransportMeans				Information on the status, movements and event log of a transport means.	
Generalization			TransportMeans	Details describing and identifying the transport means.	BRAD TM TME1,2,3
Association	0..1	transportMeansOwner	TransactionalParty	The party who owns the transport means	BRAD TM - new requirement
Association	1..*		TransportStatus	The transport status details for this transport means.	
Association	0..*		TransportStatusNotificationTransportMovement	The transport movement details for this transport means.	
Association	0..*		TransportTrackingLogEvent	The transport tracking details for this transport means.	

## 4.2.6. Transport Status Notification - Transport Movement

### Class Diagram



**GDD Report**

content	multiplicity	attribute / role	datatype /secondary class	definition	requirements
TransportStatusNotification TransportMovement					
Association	0..1	relatedTransportMeans	TransportMeans	The type of vehicle, aircraft, vessel or other device used for the transport of goods in this transport movement.	BRAD TM TMV19
Association	0..*	relatedTransportEquipment	TransportEquipment	The type of trailer, container, ULD or other device used for the transport of goods in this transport movement.	BRAD TM TMV19
Association	0..1	carrier	TransactionalParty	A party that physically transports goods from one place to another.	BRAD TM TMV5
Association	0..*	associatedPerson	Person	A person associated with the execution of this transport movement, for example the driver.	BRAD TM TMV9
Association	0..1	transportStatusResponsibleParty	TransactionalParty	Party in charge of collecting and forwarding the information about the transport movement.	BRAD TM TMV17
Association	0..1	recipientSignOff	LogisticEvent	Details on the sign-off of the receipt at the arrival location, such as the responsible person.	BRAD TM - new requirement
Association	0..1	actualArrival	LogisticEvent	The actual time of arrival on the designated arrival location.	BRAD TM TMV11
Association	0..1	actualDeparture	LogisticEvent	The actual time of departure from the designated departure location.	BRAD TM TMV10
Association	0..1	actualLoading	LogisticEvent	The actual time and location of loading.	BRAD TM TMV14
Association	0..1	actualUnloading	LogisticEvent	The actual time and location of unloading.	BRAD TM TMV15
Association	0..1	plannedDeparture	LogisticEvent	The expected time of departure from the designated departure location.	BRAD TM TMV12

content	multiplicity	attribute / role	datatype /secondary class	definition	requirements
Association	0..*	plannedWaypoint	LogisticEvent	An administrative procedure taking place at a specific location that may have an effect on the lead time of a transport movement, such as dangerous goods handling, customs clearance, ...	
Association	0..*	actualWaypoint	LogisticEvent	An administrative procedure taking place at a specific location that may have an effect on the lead time of a transport movement, such as dangerous goods handling, customs clearance, ...	
Association	0..1	plannedArrival	LogisticEvent	The expected time of arrival on the designated arrival location.	BRAD TM TMV13
Attribute	1..1	sequenceNumber	positiveInteger	Unique number identifying the sequence of this transport movement with respect to the other specified movements.	
Attribute	1..1	transportModeTypeCode	TransportModeCode	Code specifying the transportation mode used for this transport movement.	BRAD TMV2
Attribute	[0..1]	routeIdentifier	Identifier	Unique identifier of the standard route that will be used for this transport movement.	BRAD TMV8

## 4.3. Enumerations (message specific)

### 4.3.1. TransportStatusInformationEnumeration

Code	Code Description
STATUS_ONLY	Only the transport status details are included.
EVENT_LOG_ONLY	Only the event log details are included.
STATUS_AND_MOVEMENT	Transport status and transport movement details are included.
STATUS_MOVEMENT_AND_EVENT_LOG	Transport status, transport movement and transport tracking details are included.
INFORMATION_ON_DELIVERY	The information represents the Information on Delivery (IoD): The formal report on the final execution status of deliveries specified in a transport instruction.

### 4.3.2. TransportStatusObjectEnumeration

Code	Code Description
CONSIGNMENT	The primary object for the transport status report is a consignment. Information on the related transport means and equipment may be provided.
SHIPMENT	The primary object for the transport status report is a shipment. Information on the related transport means and equipment may be provided.
LOGISTIC_UNIT	The primary object for the transport status report is a logistic unit. Information on the related transport means and equipment may be provided.
TRANSPORT_MEANS	The primary object for the transport status report is a transport means.
TRANSPORT_EQUIPMENT	The primary object for the transport status report is a piece of transport equipment.

## 4.4. Codelists

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

Class	Codelist	Referenced in
TransportStatusNotificationConsignment	CargoTypeCode	eCom Domain Common Library Business Message (BMS) Release 3.0.0
TransportStatusNotificationTransportMovement	TransportModeCode	eCom Domain Common Library Business Message (BMS) Release 3.0.0

## 5. Business Message Examples

### 5.1. Status Request - Consignment Status and Movement

<b>TransportStatusRequest</b>	
creationDateTime	2011-01-12T12:00:00
documentStatusCode	ORIGINAL
transportStatusObjectCode	CONSIGNMENT
transportStatusInformationCode	STATUS_AND_MOVEMENT
<b>EntityIdentification (+transportStatusRequestIdentification)</b>	
uniqueCreatorIdentification	TRSR00001
<b>TransactionalParty (+transportStatusProvider)</b>	
gln	4048623000003
<b>TransactionalParty (+transportStatusRequestor)</b>	
gln	7365566156190
<b>TransportStatusRequestConsignment</b>	
ginc	7365566156191234567
<b>TransactionalParty (+consignor)</b>	
gln	7365566156190
<b>TransactionalParty (+consignee)</b>	
gln	7300011234566

### 5.2. Status Notification - Consignment Status and Movement

<b>TransportStatusNotification</b>	
creationDateTime	2011-01-12T12:10:00
documentStatus	ORIGINAL
transportStatusInformationCode	STATUS_AND_MOVEMENT
transportStatusObjectCode	CONSIGNMENT
<b>EntityIdentification (+transportStatusNotificationIdentification)</b>	
uniqueCreatorIdentification	TRSN00001
<b>TransactionalParty (+transportStatusRequestor)</b>	
gln	7365566156190
<b>TransactionalParty (+transportStatusProvider)</b>	
gln	4048623000003
<b>DocumentReference (+transportStatusRequest)</b>	

uniqueCreatorIdentification	TRSR00001
<b>TransportStatusNotificationConsignment</b>	
Ginc	7365566156191234567
cargoType	21
<b>TransactionalParty (+consignor)</b>	
Gln	7365566156190
<b>TransactionalParty (+consignee)</b>	
Gln	7300011234566
<b>TransportStatus</b>	
transportStatusConditionCode	29
<b>TransportStatusNotificationTransportMovement</b>	
sequenceNumber	1
transportModeTypeCode	30
<b>LogisticEvent (+actualDeparture)</b>	
<b>DateOptionalTime (+logisticEventDateTime)</b>	
date	2011-01-14
time	11:08:00
<b>LogisticLocation</b>	
<b>Address</b>	
city	Stockholm
<b>LogisticEvent (+actualArrival)</b>	
<b>DateOptionalTime (+logisticEventDateTime)</b>	
date	2011-01-14
time	18:08:00
<b>LogisticLocation</b>	
<b>Address</b>	
city	Lund

### 5.3. Status Notification – Shipment - Information on Delivery (IoD)

<b>TransportStatusNotification</b>	
creationDateTime	2011-01-15T14:10:00
documentStatusCode	ORIGINAL
transportStatusInformationCode	INFORMATION_ON_DELIVERY
transportStatusObjectCode	SHIPMENT
<b>EntityIdentification (+transportStatusNotificationIdentification)</b>	
uniqueCreatorIdentification	TRSN00001
<b>TransactionalParty (+transportStatusRequestor)</b>	

gln	7365566156190
<b>TransactionalParty (+transportStatusProvider)</b>	
gln	4048623000003
<b>TransportStatusNotificationShipment</b>	
gsin	3736556000834055
<b>LogisticUnitIdentification (+includedLogisticUnits)</b>	
sscc	373655600812834054
<b>LogisticUnitIdentification (+includedLogisticUnits)</b>	
sscc	373655600812834061
<b>LogisticUnitIdentification (+includedLogisticUnits)</b>	
sscc	373655600812834078
<b>TransportStatus</b>	
transportStatusConditionCode	21
<b>TransportStatusNotificationTransportMovement</b>	
sequenceNumber	1
transportModeTypeCode	30
<b>TransactionalParty (+carrier)</b>	
<b>Address</b>	
name	DSV
<b>LogisticEvent (+actualDeparture)</b>	
<b>DateOptionalTime (+logisticEventDateTime)</b>	
date	2009-01-13
time	09:00:00
<b>LogisticLocation</b>	
<b>Address</b>	
city	Eindhoven
<b>LogisticEvent (+actualArrival)</b>	
<b>DateOptionalTime (+logisticEventDateTime)</b>	
date	2009-01-13
time	18:00:00
<b>LogisticLocation</b>	
<b>Address</b>	
city	Rotterdam
<b>TransportMeans (+relatedTransportMeans)</b>	
transportMeansType	31
transportMeansID	TF-69-XX
<b>TransportEquipment (+relatedTransportEquipment)</b>	
transportEquipmentTypeCode	14

<b>ReturnableAssetIdentification (+individualReturnableAssetTypeIdentification)</b>	
grai	00000000000000
additionalReturnableAssetIdentification	TRL-ABC-912; OWNER_ASSIGNED
<b>TransportStatusNotificationTransportMovement</b>	
sequenceNumber	2
transportModeTypeCode	10
<b>TransactionalParty (+carrier)</b>	
<b>Address</b>	
name	P&O
<b>LogisticEvent (+actualDeparture)</b>	
<b>DateOptionalTime (+logisticEventDateTime)</b>	
date	2009-01-14
time	14:00:00
<b>LogisticLocation</b>	
unLocationCode	NL RTM
<b>LogisticEvent (+actualArrival)</b>	
<b>DateOptionalTime (+logisticEventDateTime)</b>	
date	2009-02-23
Time	18:00:00
<b>LogisticLocation</b>	
unLocationCode	ZA CPT
<b>TransportMeans (+relatedTransportMeans)</b>	
transportMeansType	13
transportMeansName	SS Kopenhagen
<b>TransportEquipment (+relatedTransportEquipment)</b>	
transportEquipmentTypeCode	20
<b>ReturnableAssetIdentification(+individualReturnableAssetTypeIdentification)</b>	
grai	00000000000000
additionalReturnableAssetIdentification	BCN001213; OWNER_ASSIGNED
<b>TransportStatusTransportMovement</b>	
sequenceNumber	3
transportModeTypeCode	30
<b>TransactionalParty (+carrier)</b>	
<b>Address</b>	
name	Boer Trucking
<b>LogisticEvent (+actualDeparture)</b>	

<b>DateOptionalTime (+logisticEventDateTime)</b>	
date	2009-02-25
time	09:00:00
<b>LogisticLocation</b>	
<b>Address</b>	
city	Cape Town
<b>LogisticEvent (+actualArrival)</b>	
<b>DateOptionalTime (+logisticEventDateTime)</b>	
date	2009-02-28
time	18:00:00
<b>LogisticLocation</b>	
<b>Address</b>	
city	Johannesburg
<b>TransportMeans (+relatedTransportMeans)</b>	
transportMeansType	31
transportMeansID	123-XYZ-76

## 6. Implementation Considerations

(Insert Content Here)

## 7. Appendices

None.

## 8. Summary of Changes

### 8.1. BMS Release 3.0

First publication

### 8.2. BMS Release 3.1

Change	BSD Version	Associated CR Number
<ul style="list-style-type: none"> <li>■ TransportStatusRequest: changed cardinality of associations to Consignment, Shipment, Log Unit, Transport Means and Transport Equipment from 0..1 to 0..*</li> <li>■ TransportStatusNotification: changed cardinality of associations to Consignment, Shipment, Log Unit from 0..1 to 0..*</li> </ul>	Draft 1	WR 12-193 WR 12-194 WR 12-195 WR 12-196 WR 12-197