UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE

UNITED NATIONS CENTRE FOR TRADE FACILITATION
AND ELECTRONIC BUSINESS (UN/CEFACT)

BUSINESS REQUIREMENTS SPECIFICATION
(BRS)

CROSS INDUSTRY DESPATCH AND RECEIVE PROCESS

Approved: UN/CEFACT Bureau on 9 September 2019

Version: 2.0

TABLE OF CONTENTS

TABLE OF FIGURES and TABLES

2 Introduction

The current practice of the exchange of business documents by means of telecommunications – usually defined as e-Business presents a major opportunity to improve the competitiveness of companies, especially for Small and Medium Enterprises (SME). Started as an initiative by CEN/ISSS Work shop eBES, the European Expert Group 1 (EEG1) – Supply Chain & e-Procurement developed the Cross Industry Despatch and Receive process in 2006. The Cross Industry Despatch and Receive process has been compiled using the EUROFER ESIDEL version 1.0 and the Boost Aero version 1.0 as a base, with contributions and submissions from: EUROFER, ODETTE, GS1, EDIFrance, EDIBUILD and Boost Aero. After the UN/CEFACT Forum meeting in Dublin in March 2007, the BRS was further developed with requirements contributed from TBG1 members such as GS1, UBL, EDIFrance, US Department of Defense, JAIF and others. Also requirements were implemented from Construction (TBG 6). The structure was reworked according to the Buy-Ship-Pay process model developed by TBG 14. The high level entity model was based on the Buy-Ship-Pay information model jointly developed by TBG1, TBG2, TBG3, TBG5 and TBG18.

3 Objective

The objective of this document is to standardize the Business processes, the Business transactions and the Information entities of the despatch and receive process used by the industries in the supply chain. The business process is the detailed description of the way trading partners intend to play their respective roles, establish business relations and share responsibilities to interact efficiently with the support of their respective information systems. Each Business transaction is realized by an exchange of Business documents (also called messages). The sequences in which these documents are used, composes a particular instance of a scenario and are presented as activity diagrams in the document.

4 Audience

The audience of this document is all users who are interested in the delivery process and information data.

5 Reference Documents

Knowledge and application of the following standards is crucial to the development of quality business requirements specifications. Other key references are shown in the appropriate part of the document.

- UN/CEFACT TBG1 Common Supply Chain BRS, Release 1
- UN/CEFACT TBG2 Buy-Ship-Pay (Including UNeDocs) BRS, version 1.0
- UN/CEFACT Modeling Methodology (CEFACT/TMG/N090R10, November 2001)
- UN/EDIFACT – Despatch advice message, Receiving advice message
- UN/CEFACT Business Requirement Specification – Template v2.0.1 (May 2012)
- UN/CEFACT BRS_CrossIndustryDeliveryProcess_v1.013.1 (Sep 2008).

6 Change log

Date of Change	Version	Changed	Summary of Changes
20-feb-2009	1.00.13	-	Version sent for approval to TBG Steering
17-jan-2019	2.0		Initial update
12-apr-2019	2.0	Added: fig. 8.1, §8.3.2 Changed: fig 8.8, 8.9, 8.10, §7.1.2, §8.3.1	Team review
09-aug-2019	2.0	Minor editorial changes	Final version (after public review)

7 Scope

This section describes the extent and limits of the business process within the supply chain being described in this document.
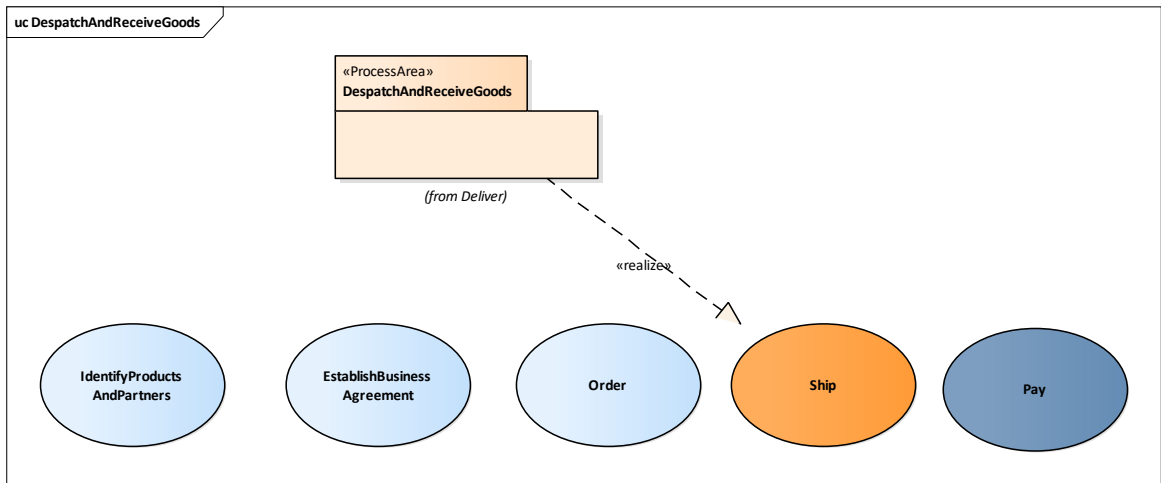
Figure 7-1 Positioning Cross Industry Despatch & Receive within BUY-SHIP-PAY Process Model

Table 7-1 BUY-SHIP-PAY context categories

Categories	Description and Values
Business Process	Despatch and Receive process in the supply chain BUY-SHIP-PAY/Procurement&Sales/Delivery
Product Classification	All
Industry Classification	All
Geopolitical	Global
Official Constraint	None
Business Process Role	ShipFrom, ShipTo
Supporting Role	Carrier
System Capabilities	No limitations

Note:

The processes defined apply only to the collaboration between Ship From (sender of goods) and Ship To (receiver of goods). Internal processes and communication with third parties (such as Transporters, Warehouses, etc.) are outside the scope of this BRS. However the Carrier (Transporter) is in a supporting role in the process as some of the generated documents/data will be carried by them for Proof-of-Delivery Process (POD) and also may re-use information such as locations, weight and Transport packaging

7.1 Business Process Elaboration

The processes contained in the Despatch and Receive process are shown in the following Use Case Diagram.
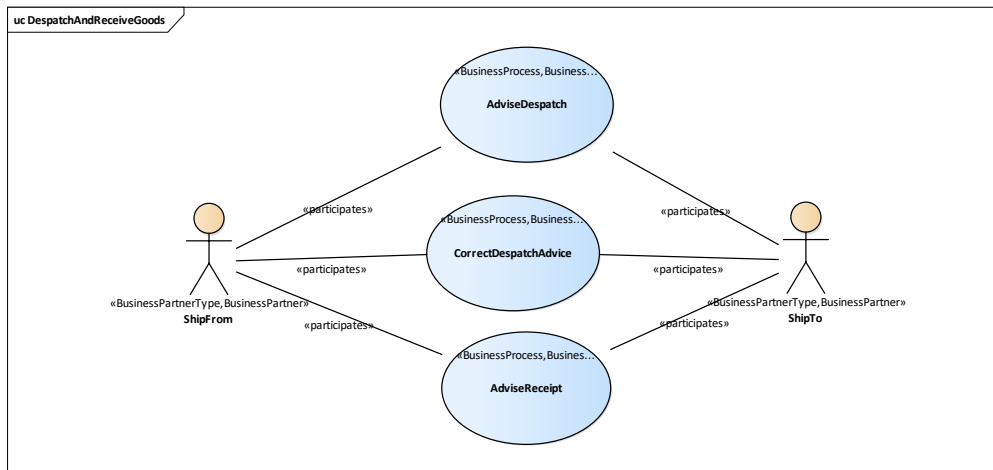
Figure 7-2 Scope of the despatch and receive process

The despatch and receive process covers the physical delivery of goods from one physical site to another according to agreements between the supplier and customer in order to fulfill a delivery contract.

The process requires an existing commercial contract between a customer buyer and a supplier seller. This contract can be established in several ways, as spot order, call off order, if necessary, further detailed in a delivery instruction etc. Prior to the delivery, the customer and the supplier must also agree upon the delivery conditions and the way the transportation of goods is to be organized.

Note:
Ship From may be the supplier (or one of supplier's subsidiaries) but not necessarily. Neither has the Ship To to be the Customer of the Goods. Therefore, neither the term Supplier nor Customer is applicable to describe this partner. An analogous situation applies to Ship To. For instance, as part of a shipping process, the Goods may be sent to a Logistics Service Provider (LSP) e.g. Packing or Consolidation company. In this case the Ship To Party is the LSP. When the Goods have been Re-packed then the Ship From Party will be the LSP.

In the Despatch and Receive process it is foreseen to transmit information between the Ship From and the Ship To concerning:

- The shipment and the consigned goods despatched by the Ship From.
- If necessary, corrected details of a shipment and/or the consigned goods despatched by the Ship From.
- The receipt of the shipment and the consigned goods by the Ship To.

The Despatch and Receive process covers the way in which information is provided on the despatch of goods and on the receipt of goods.

Providing information to the Ship To of the despatch of goods at (or near to) the moment of departure, allows the Ship To to prepare for the reception of the goods. Providing information about the reception of the goods allows the Ship From to check the correct arrival of the despatched goods and the information can be used as a trigger to send an invoice to the customer.

Note:
The structure of the Despatch Advice should be very similar to the Invoice because in integrated systems the workflow will create an Invoice from this data or both documents will be derived from the same source. The focus of this document is on logistics data and so will provide information for packaging and stock control. Of course, an Invoice may also be sufficient, as in the case of Point-Of-Sale systems, however a Despatch Advice is more explicit and indicates the actual movement and may also be required where the pricing information is either not available or is sensitive.

Information exchanged to inform the Ship To about the goods despatched may be structured as described below:

- Item based, giving the details of a consignment from the point of view of the goods despatched
- Package based, giving the details of a consignment from the point of view of the package used for the transportation, i.e. the handling units and the package units within which the goods are despatched.
- A combination of both approaches is possible.

In certain circumstances, e.g. because of transportation incidents, the Ship From may need to correct or cancel the despatch and inform the Ship To accordingly.

Once the Ship To has received the goods (or units), he will check them against the goods (or units) advised in the despatch information. The Ship To may then send to the Ship From, a confirmation of the reception of the goods (or units) and, if applicable, a notification of any discrepancies.

7.1.1 Business Process Flow

Ship From prepares shipment according to previously received instructions or in agreement with terms of delivery as specified in an order. Parallel to the preparation of the physical shipment all necessary data for an electronic Despatch Advice message is collected and compiled. The message is being sent from Ship From to Ship To.

In the event of changes in the shipment after the transmission of the despatch advice the Ship From compiles a Despatch Advice correction message and sends it to Ship To.

After receiving and – if necessary – inspection of the goods the Ship To creates an electronic Receiving Advice message. This message confirms the received goods and their quantity. It may contain statements concerning the conditions of received goods and their compliance with the order or otherwise agreed quality standards.

The Activities involved in the Despatch and Advice processes are shown in figure 7-3 together with the states of the "Delivery" Business Entity that are changed by the processes.
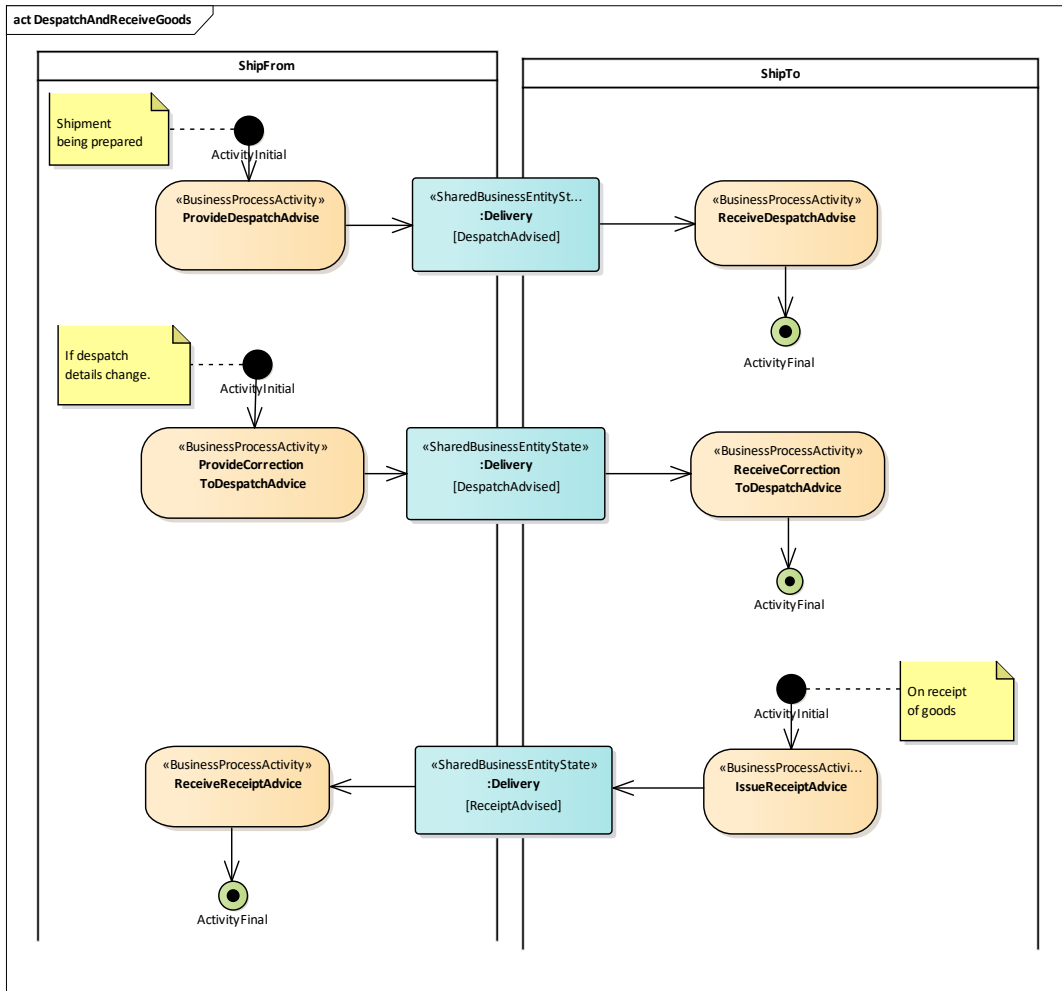
Figure 7-3 Business Process Activity Diagram

The states that the Delivery Business Entity may assume as a result of the Despatch and Receive business process are shown in the Entity Life Cycle diagram figure 7-4.
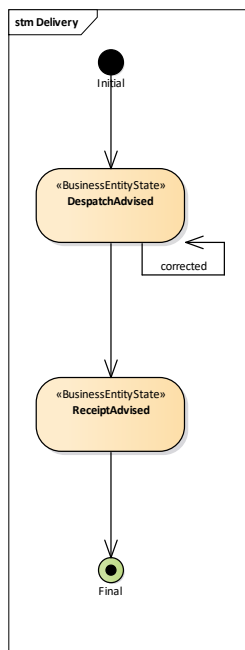
Figure 7-4 Entity Life Cycle diagram

7.1.2 Business Collaboration
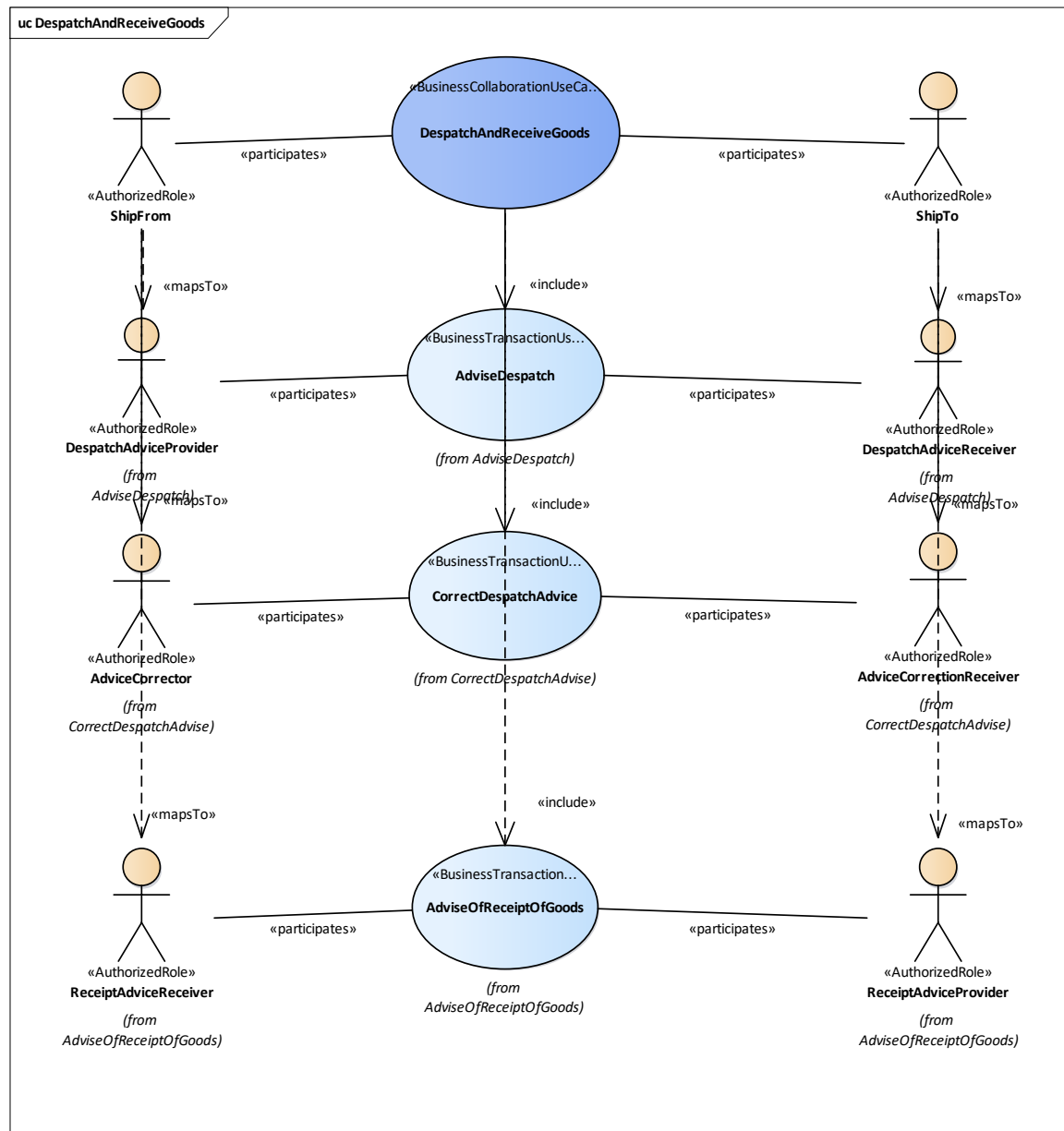
Figure 7-5 The Business Collaboration diagram

The Business Collaboration diagram figure 7-5 (above) shows the three transactions that make up the Despatch and Receive process. It also links the authorised roles from each transaction to the Business Partner Types (Ship From and Ship To). The logical order in which these transactions may occur is shown in the Business Collaboration Protocol diagram figure 7-6 (below). The Use Case Diagrams and description of the three business transactions are shown in section 5.

There are two scenarios' regarding an automated invoice process:
• Invoice made after sending the Despatch Advice message.
• Invoice made after receiving the Receiving Advice message.

Above messages are substituted with similar documents i.e. instead of the Despatch Advice message, a Delivery Note is used and instead of the Receiving Advice message, a Goods Receipt Note is used. To match the invoice effectively data is linked together. In

principle, only the received goods are being invoiced. For example, the system of the invoicee will take the prices from the (Purchase) Order, the quantities from the Receiving Advice message or Goods Receipt Note and compare these with the Invoices using references, as specified below.

Despatch Advice message or Delivery Note references:
- Order Reference
- Additional Reference (if needed)

Receiving Advice message or Goods Receipt Note references:
- Despatch Advice
- Delivery Note
- Order Reference
- Additional Reference (if needed)

In case of a replaced Despatch Advice message or Delivery Note, a reference to the preceding message or note may be included. The same may apply for a replaced Receiving Advice message or Goods Receipt Note.
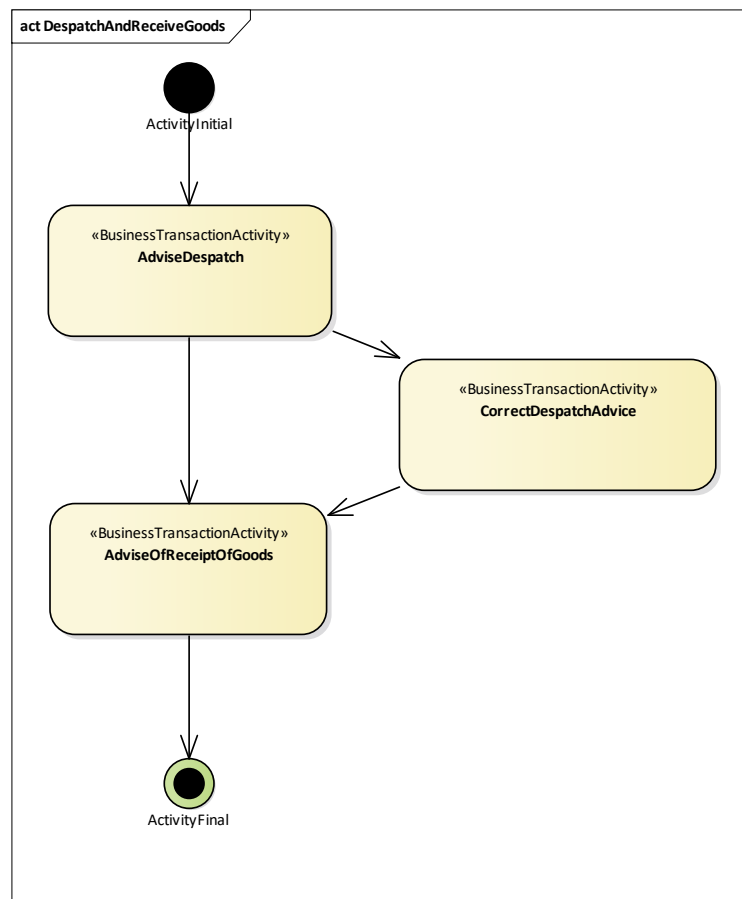
Figure 7-6 Business Collaboration Protocol - Activity Diagram

8 Business Requirements

8.1 Business Information View
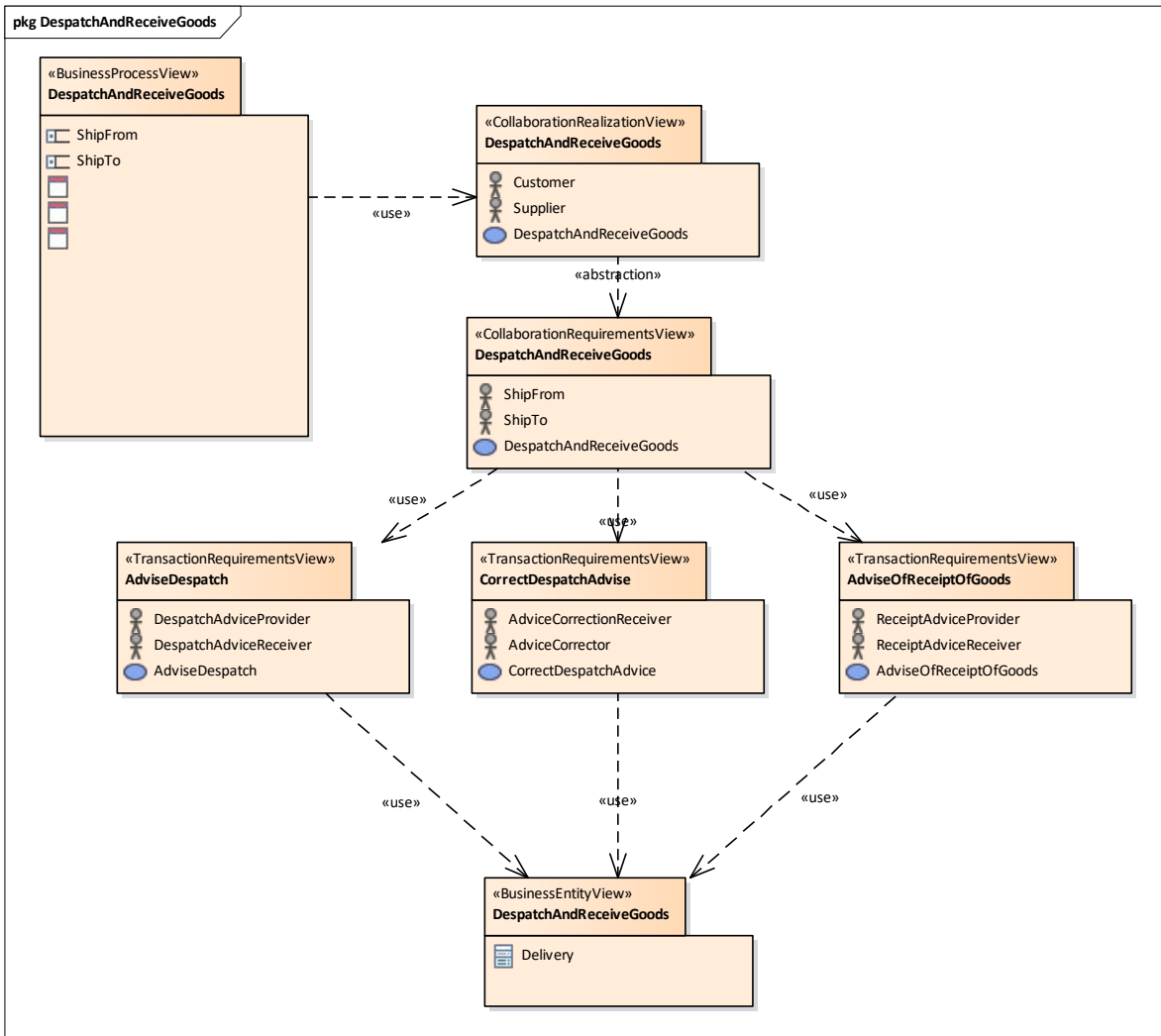
Figure 8-1 Business Information View Despatch And Receive Of Goods

8.2 Information flow definition

8.2.1 Advise Despatch (Business Transaction)
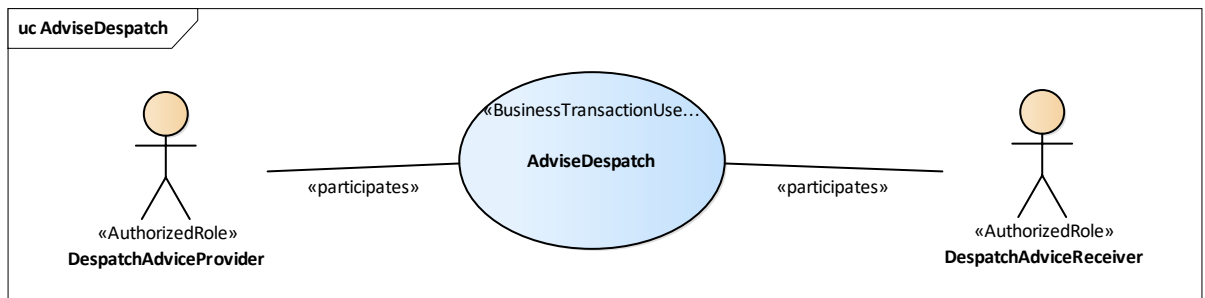
Figure 8-2 Business Transaction Use Case Diagram Advise Despatch

Table 8-1 Business Transaction Use Case Description Advise Despatch

Identifier	Advise Despatch
Business Message Type	Despatch Advice
Description	Once the goods are ready to leave (or have just left) the ship from location the Ship From sends a despatch advice to the Ship To to inform him about the despatch. Once the Ship To has received the despatch advice, the process ends.
Partner Types	Ship From, Ship To
Authorized Roles	Despatch Advice Provider, Despatch Advice Receiver.
Legal Implications	In certain cases (such as Ex-works terms) the customer may have taken responsibility for the custody of the goods when the Despatch Advice has been sent. This may also affect ownership.
Initial/Terminal Events	• Initial: the goods are ready to leave (or have just left) the ship from location. • Terminal: the Ship To has received the despatch advice (and can prepare for reception of the goods)
Scope	Information exchange between Ship From and Ship To concerning the despatch of goods.
Boundary	
Constraints	

Figure 8-3 Activity Diagram Advise Despatch

8.2.2 Correct Despatch Advice (Business Transaction)
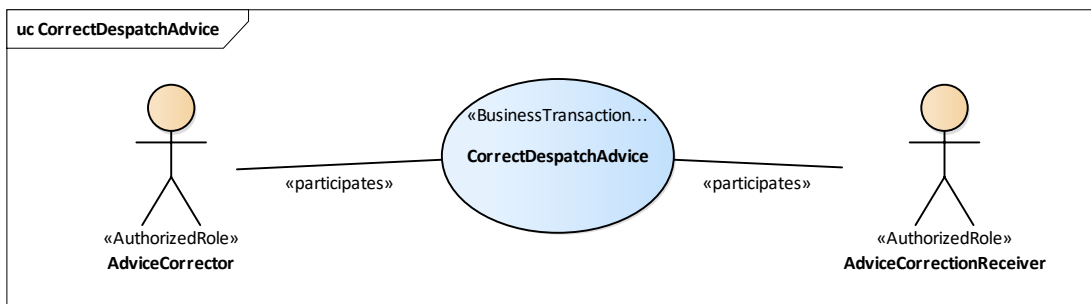
Figure 8-4 Business Transaction Use Case Diagram Correct Despatch Advise

Table 8-2 Business Transaction Use Case Description Correct Despatch Advise

Identifier	Correct Despatch Advice
Business Message Type	Despatch Advice
Description	Once the goods have left the ship from location and a change occurs in the delivery or the delivery is cancelled, the Ship To is informed.
Partner Types	Ship From, Ship To
Authorized Roles	Advice Corrector, Advice Correction Receiver
Legal Implications	In certain cases (such as Ex-works terms) the Ship To may have taken responsibility for the custody of the goods when the Despatch Advice was sent.
Initial/Terminal Events	• Initial: the shipment details are changed or the shipment is cancelled. • Terminal: the ShipTo has received the corrected despatch advice.
Scope	Information exchange between Ship From and Ship To concerning the despatch of goods.
Boundary	
Constraints	

Figure 8-5 Activity Diagram Correct Despatch Advice

8.2.3 Advise Receipt (Business Transaction)
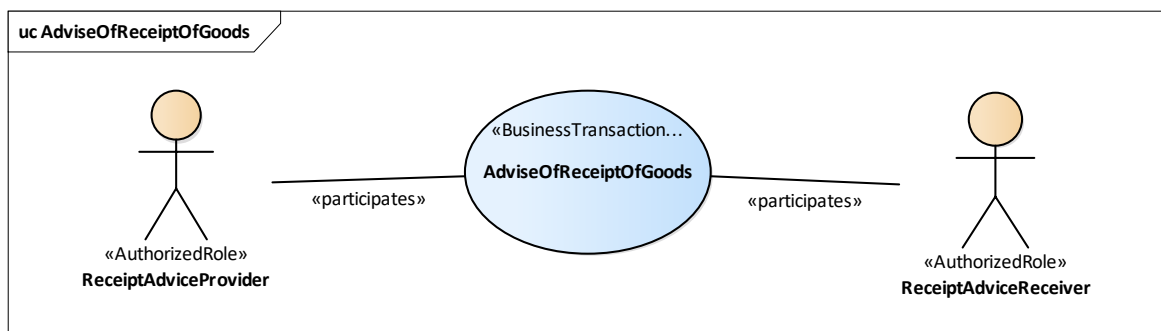
Figure 8-6 Business Transaction Use Case Diagram Advise Receipt

Table 8-3 Business Transaction Use Case Description Advise Receipt

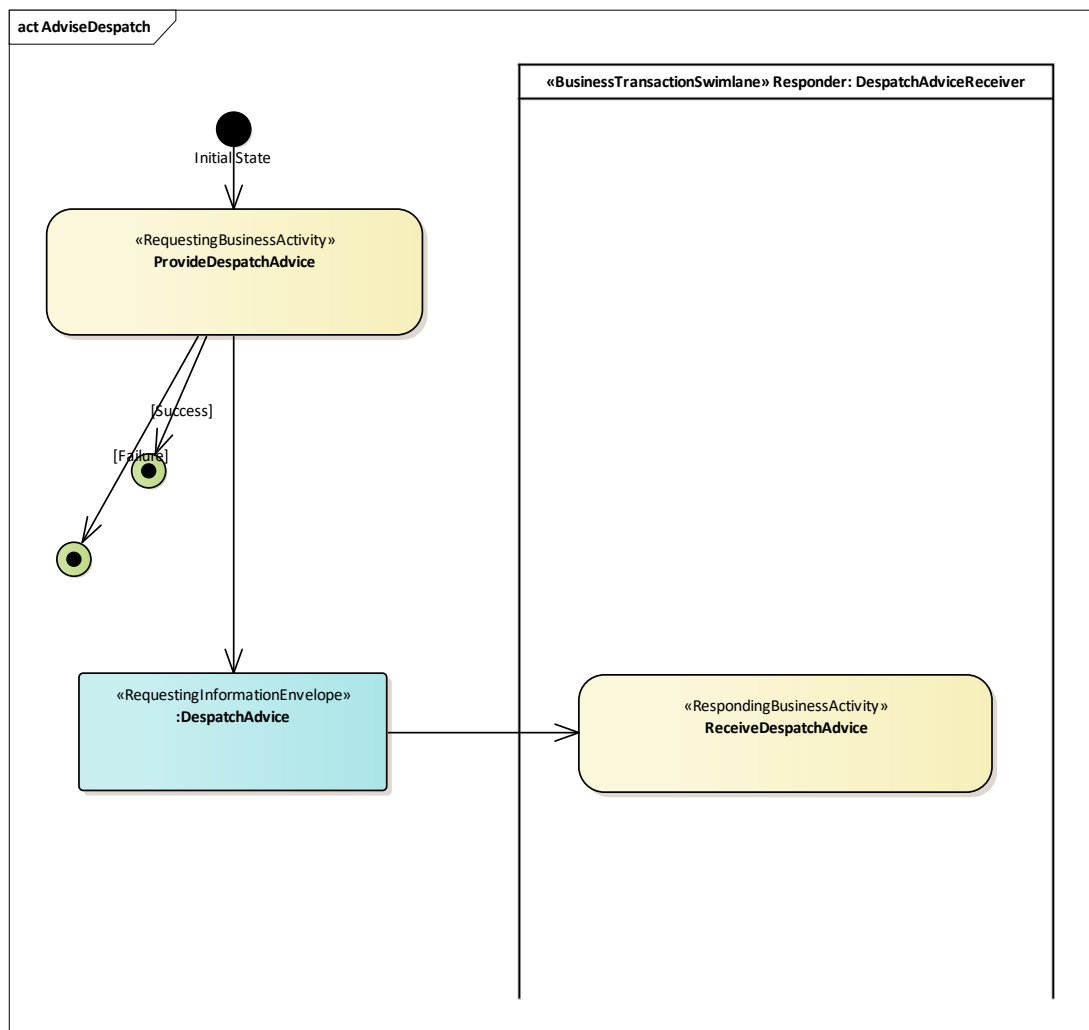|	
Identifier	Advise Receipt
Business Message Type	Receiving Advice
Description	The Ship To prepares and sends a receiving advice to the Ship From to confirm reception of the goods and, if applicable, notify any discrepancies between the goods received and those announced in the despatch advice. Once the Ship From has received the receiving advice, the process ends.
Partner Types	Ship From, Ship To
Authorized Roles	Receipt Adviser, Receipt Receiver
Legal Implications	Ship To has taken responsibility for the custody of the goods. This may have effects on ownership or payment. The receiving advice document has an important legal value in the commercial process.
Initial/Terminal Events	• Initial: the shipment details are changed or the shipment is cancelled. • Terminal: the ShipTo has received the corrected despatch advice.
Scope	To report on the goods received by the Ship To.
Boundary	
Constraints	

Figure 8-7 Activity Diagram Advise of Receipt of Goods
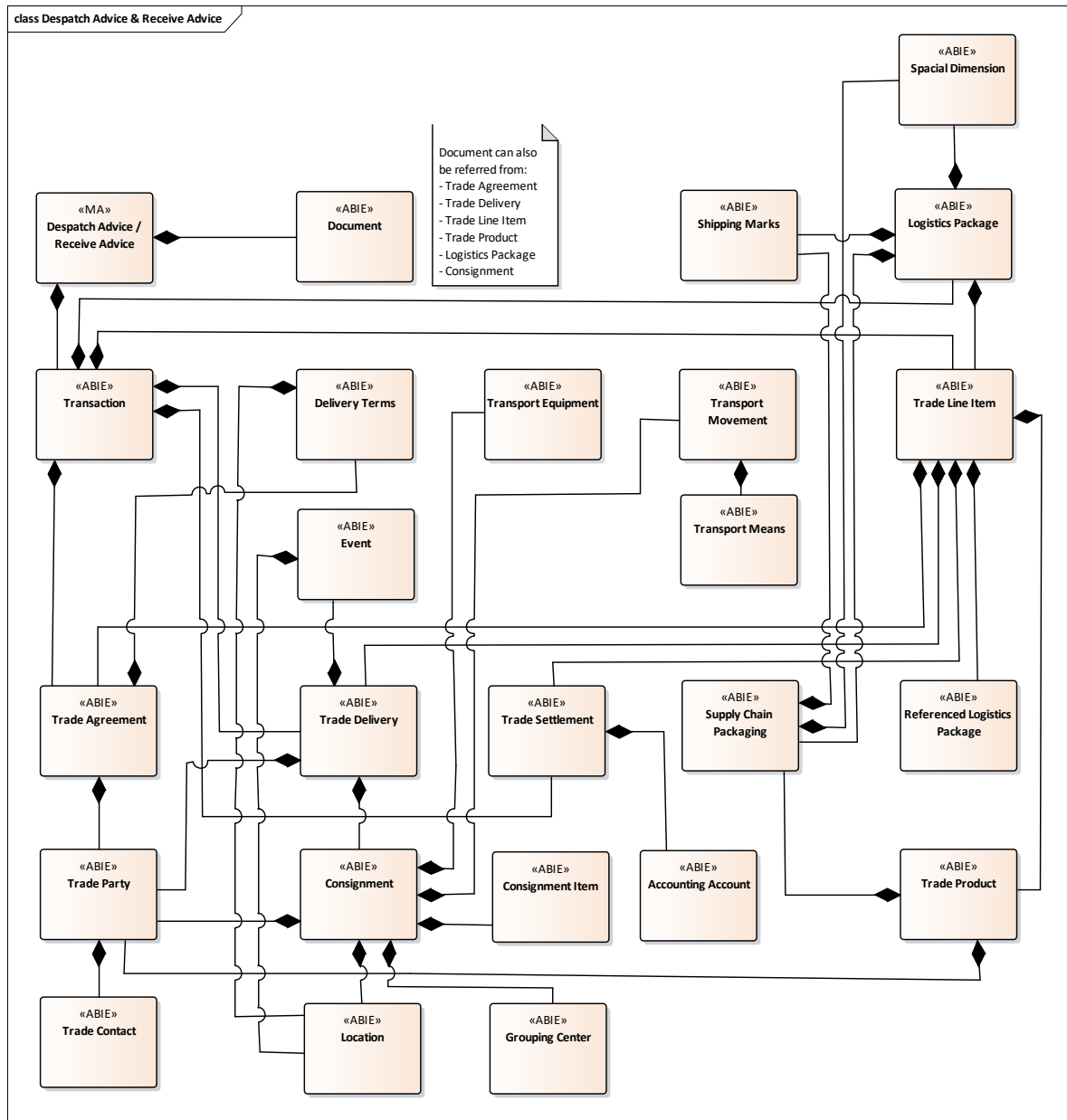
Figure 8-8 Business Entity Class Diagram – Despatch Advice & Receiving Advice

Note: For readability reasons, not all details of associated business information entities (ASBIEs) are listed. Details on ASBIEs can be found in the published CCL and messages.
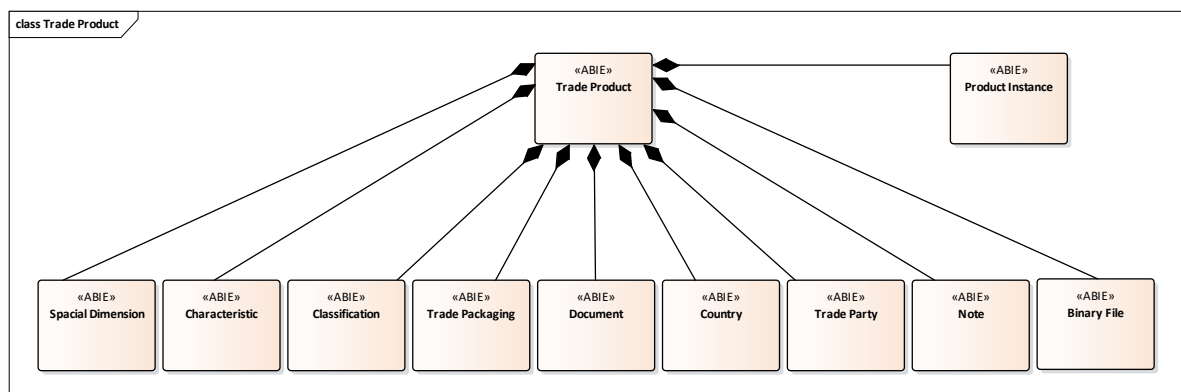
Figure 8-9 Business Entity Class Diagram – Trade Product

Note: For readability reasons, not all details of associated business information entities (ASBIEs) are listed. Details on ASBIEs can be found in the published CCL and messages.
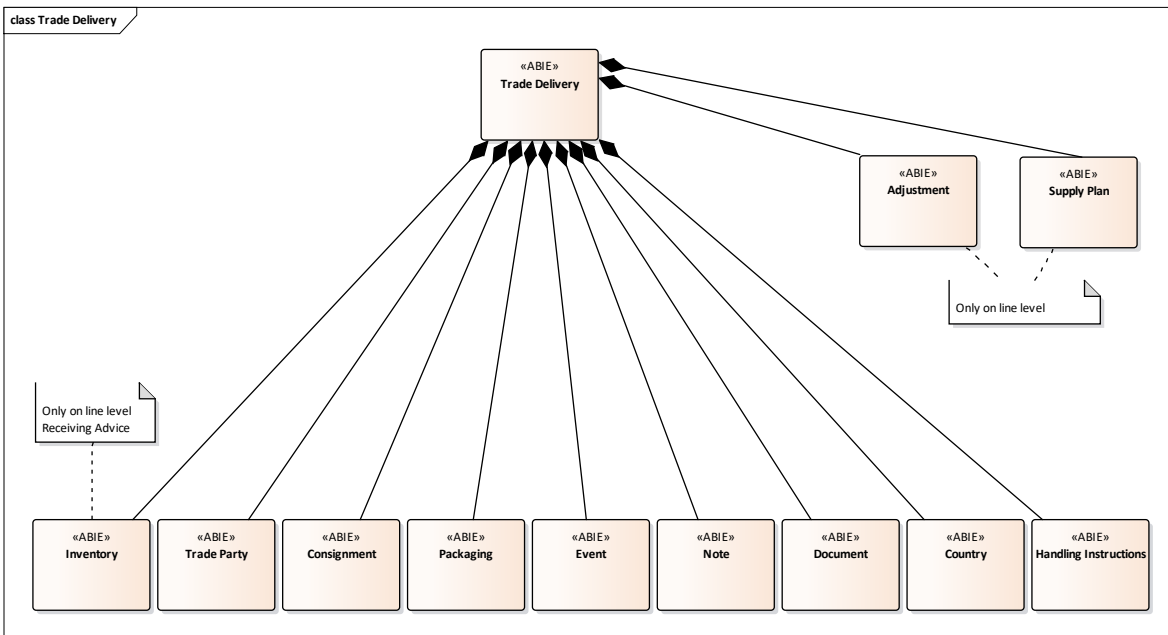
Figure 8-10 Business Entity Class Diagram – Trade Delivery

Note: For readability reasons, not all details of associated business information entities (ASBIEs) are listed (such as Transport Dangerous Goods located within Consignment and Location within Event. Details on ASBIEs can be found in the published CCL and messages.

8.3 Business Documents

8.3.1 Despatch Advice

Note: For readability reasons, not all details of associated business information entities (ASBIEs) are listed. Details on ASBIEs can be found in the published CCL and messages.

Despatch Advice				
Header level				
Entity	**Min**	**Max**	**Exchanged Document Context**	
Att	0	1	Transaction ID	The transaction identifier.
Att	0	1	Process Transaction Date Time	The date time when the transaction was processed.
Assoc	0	unbounded	Scenario parameter	A scenario context parameter specified for the document context.
Assoc	0	unbounded	Business Process parameter	A BIM context parameter specified for the document context.
Assoc	0	unbounded	BIM parameter	A BIM context parameter specified for the document context.
Assoc	0	unbounded	Application parameter	An application context parameter specified for the document context.
Assoc	0	unbounded	Guideline parameter	A guideline context parameter specified for the document context.
Assoc	0	unbounded	Subset parameter	A subset context parameter specified for the document context.
Assoc	0	unbounded	Message standard parameter	A message context parameter specified for the document context.
Assoc	0	unbounded	User parameter	A user context parameter specified for the document context.
Entity	**Min**	**Max**	**Exchanged Document**	**Data exchanged for a receiving advice between two or more parties in written, printed or electronic form.**
Att	1	1	ID	The identifier.
Att	0	1	Version ID	The version identifier.
Att	1	1	Issue Date Time	The issuance date time.
Att	0	1	Submission Date Time	The formal submission date time.

17

Despatch Advice

Att	0	1	Revision Date Time	The revision date time.
Att	0	1	Type Code	The type code.
Att	0	1	Status Code	The status code.
Att	0	unbounded	Response Request Type Code	A response requested type code.
Att	0	unbounded	Purpose Code	A purpose code.
Att	0	1	Purpose Text	The purpose, expressed as text.
Att	0	1	Control Requirement Indicator	The indication that the document has control requirements.
Att	0	1	Copy Indicator	The indication that this document is a copy.
Att	0	unbounded	Name	A name for this document.
Assoc	0	1	Issuer	The party that issues this document.
Assoc	0	1	Sender	The party that sends this document.
Assoc	0	unbounded	Recipient	A party that receives this document.
Assoc	0	unbounded	Note	A note included.
Assoc	0	unbounded	Attached File	A binary file attached to this document.
Entity			Trade Transaction	Trade line items, trade agreement and trade delivery details included, at header level, in a Receiving Advice trade transaction.
Att	0	unbounded	ID	An identifier.
Att	0	unbounded	Shipment ID	A shipment identifier.
Att	0	1	Type Code	The transaction type code.
Assoc	1	1	Trade Agreement	The applicable trade agreement.
Assoc	1	1	Trade Settlement	The applicable trade settlement.
Assoc	1	1	Trade Delivery	The applicable trade delivery.
Assoc	0	unbounded	Included logistics packages.	Included logistics packages.
Entity			Trade Agreement (header level)	Contractual terms of a trade agreement for a receiving advice.
Assoc	0	1	Buyer	The buyer.
Assoc	0	1	Seller	The seller.
Assoc	0	1	Carrier	The carrier.
Assoc	0	1	Delivery Terms	The delivery terms.
Assoc	0	unbounded	Additional Document	An additional referenced document.
Assoc	0	1	Buyer Order Document	The referenced buyer order.
Assoc	0	1	Seller Order Document	The referenced seller order.
Assoc	0	unbounded	Contract Document	A referenced contract.
Assoc	0	1	Specified Procuring Project	The specified procuring project.
Entity			Trade Delivery (header level)	Shipping arrangements and movement of goods and or services including despatch and delivery pertaining to a receiving advice.
Att	0	1	Status Code	The status code.
Att	0	1	Final Delivery Indicator	The indication that the delivery is the final delivery.
Att	0	1	Over Delivery Allowed Indicator	The indication that over delivery is allowed.
Att	0	1	Partial Delivery Allowed Indicator	The indication that partial delivery is allowed.
Att	0	1	Fully Delivered Indicator	The indication that this delivery is fully delivered.
Att	0	1	Pick-Up Availability Date Time	The date when this delivery is available for pick-up.
Att	0	1	Ultimate Ship To Delivery Date Time	The date time when the delivery is delivered to the ultimate ship to party.
Assoc	1	1	Ship From Party	The ship from party.
Assoc	1	1	Ship To Party	The ship to party.
Assoc	0	1	Ultimate Ship To Party	The ultimate ship to party.
Assoc	0	1	Final Destination Country	The country of final destination.
Assoc	0	unbounded	Additional Document	An additional referenced document.
Assoc	0	1	Delivery Note Document	The referenced delivery note.
Assoc	0	1	Despatch Advice Document	The referenced despatch advice.
Assoc	0	1	Packing List Document	The referenced packing list.

Despatch Advice					
Assoc	0	1	Shipment Schedule Document	The referenced shipment schedule document.
Assoc	0	unbounded	Delivery Instructions	Delivery instructions.
Assoc	0	1	Actual Despatch Event	The actual despatch event.
Assoc	0	1	Actual Loading Event	The actual loading event.
Assoc	0	1	Handling Instructions	Handling Instructions
Assoc	0	1	Requested Delivery Event	The requested delivery event.
Assoc	0	1	Confirmed Release Event	The confirmed release event.
Assoc	0	1	Confirmed Despatch Event	The confirmed despatch event.
Assoc	0	1	Confirmed Pick-Up Event	The confirmed pick-up event.
Assoc	0	1	Planned Delivery Event	The planned delivery event.
Assoc	0	unbounded	Related Consignment	A related consignment.
Assoc	0	unbounded	Included Supply Chain Packaging	Included Supply Chain Packaging
Assoc	0	unbounded	Information Note	An included information note.
Entity			Trade Settlement (header level)	The trade settlement applicable to the trade transaction.
Att	0	1	Price Currency	The price currency.
Assoc	0	unbounded	Purchase Accounting Account	A purchase accounting account.
Assoc	0	unbounded	Sales Accounting Account	A sales accounting account.
Assoc	0	1	Applicable Tax	The applicable tax.
Assoc	0	1	Monetary Summation	The monetary summation.
Assoc	0	1	Payment Terrns	The payment terms.
			Line level	
Entity			Trade Line Item	Information specific to a trade line item.
Assoc	1	1	Associated Document Line	The associated document line.
Assoc	0	1	Trade Agreement	The specified trade agreement.
Assoc	0	1	Trade Delivery	The specified trade delivery.
Assoc	0	1	Trade Settlement	The specified trade settlement.
Assoc	0	unbounded	Trade Product	A specified trade product.
Assoc	0	unbounded	Referenced Logistics Package	A referenced logistics package.
Entity			Trade Agreement (line level)	Contractual terms of a supply chain trade agreement for a receiving advice line.
Assoc	0	1	Product End User	The party acting as the end user for the products.
Assoc	0	unbounded	Additional Document	An additional referenced document.
Assoc	0	1	Buyer Order Document	The referenced buyer order.
Assoc	0	1	Seller Order Document	The referenced seller order.
Assoc	0	unbounded	Contract Document	A referenced contract.
Assoc	0	unbounded	Promotional Deal Document	A referenced promotional deal.
Assoc	0	1	Net Price	The net price for the product.
Assoc	0	1	Program Mission Project	The program mission project.
Entity			Trade Delivery (line level)	Shipping arrangements and movement of goods and or services including despatch and delivery pertaining to a receiving advice.
Att	0	1	Status Code	The status code.
Att	0	1	Final Delivery Indicator	The indication that this delivery is the final delivery.
Att	0	1	Over Delivery Allowed Indicator	The indication that over delivery is allowed.
Att	0	1	Partial Delivery Allowed Indicator	The indication that partial delivery is allowed.
Att	0	1	Fully Delivered Indicator	The indication that this delivery is fully delivered.
Att	0	1	Quantity Variance Reason Code	To specify the coded reason of variances, such as item not ordered.
Att	0	unbounded	Quantity Variance Reason Text	To specify the reason, expressed as text, of variances.
Att	0	1	Ordered Quantity	The quantity ordered.

Despatch Advice

Att	0	1	Billed Quantity	The quantity billed.	
Att	0	1	Despatched Quantity	The quantity despatched.	
Att	0	1	Charge Free Quantity	The charge free quantity.	
Att	0	1	Package Quantity	The number of packages.	
Att	0	1	Requested Quantity	The requested quantity.	
Att	0	1	Per Package Unit Quantity	The number of units per package.	
Att	0	1	Product Unit Quantity	The number of product units.	
Att	0	1	Remaining Requested Quantity	The remaining requested quantity.	
Att	0	1	Individual Package Quantity	The quantity within the individual package.	
Att	0	1	Chargeable Weight	The chargeable weight.	
Att	0	1	Theoretical Weight	The theoretical weight.	
Att	0	1	Gross Weight	The gross weight (mass).	
Att	0	1	Net Weight	The net weight (mass).	
Att	0	1	Gross Volume	The gross volume.	
Att	0	1	Net Volume	The net volume.	
Att	0	1	Pick-Up Availability Date Time	The date time for pick-up availability for this delivery.	
Att	0	1	Ultimate Ship To Delivery Date Time	The date time for this delivery to the ultimate ship to party.	
Att	0	1	Buyer Order Date Time	The date time when this delivery was ordered by the buyer.	
Assoc	0	1	Ship From Party	The ship from party.	
Assoc	0	1	Ship To Party	The ship to party.	
Assoc	0	1	Ultimate Ship To Party	The ultimate ship to party.	
Assoc	0	1	Final Destination Country	The country of the final destination.	
Assoc	0	1	Delivery Adjustment	The delivery adjustment.	
Assoc	0	unbounded	Handling Instructions	Handling instructions.	
Assoc	0	unbounded	Supply Plan	A supply plan.	
Assoc	0	unbounded	Additional Document	An additional referenced document.	
Assoc	0	1	Delivery Note Document	The referenced goods receipt note.	
Assoc	0	1	Despatch Advice Document	The referenced despatch advice.	
Assoc	0	1	Packing List Document	The referenced packing list.	
Assoc	0	1	Shipment Schedule Document	The referenced shipment schedule document.	
Assoc	0	1	Actual Despatch Event	The actual despatch event.	
Assoc	0	1	Actual Pick-Up Event	The actual pick-up event.	
Assoc	0	1	Actual Loading Event	The actual loading event.	
Assoc	0	1	Requested Delivery Event	The requested delivery event.	
Assoc	0	1	Confirmed Despatch Event	The confirmed despatch event.	
Assoc	0	1	Confirmed Pick-up Event	The confirmed pick-up event.	
Assoc	0	1	Planned Delivery Event	The planned delivery event.	
Assoc	0	unbounded	Related Consignment	A related consignment.	
Assoc	0	unbounded	Included Packaging	Included Packaging	
Assoc	0	unbounded	Information Note	A note included.	
Entity			Trade Settlement (line level)	The trade settlement applicable to the trade transaction.	
Att	0	1	Price Currency	The price currency.	
Assoc	0	unbounded	Purchase Accounting Account	A purchase accounting account.	
Assoc	0	unbounded	Sales Accounting Account	A sales accounting account.	
Assoc	0	1	Applicable Tax	The applicable tax.	
Assoc	0	1	Monetary Summation	The monetary summation.	
Assoc	0	1	Payment Terrns	The payment terms.	

End

8.3.2 Receiving Advice

Note: For readability reasons, not all details of associated business information entities (ASBIEs) are listed. Details on ASBIEs can be found in the published CCL and messages.

Receiving Advice				
Header level				
Entity	**Min**	**Max**	**Exchanged Document Context**	
Att	0	1	Transaction ID	The transaction identifier.
Att	0	1	Process Transaction Date Time	The date time when the transaction was processed.
Assoc	0	unbounded	Scenario parameter	A scenario context parameter specified for the document context.
Assoc	0	unbounded	Business Process parameter	A BIM context parameter specified for the document context.
Assoc	0	unbounded	BIM parameter	A BIM context parameter specified for the document context.
Assoc	0	unbounded	Application parameter	An application context parameter specified for the document context.
Assoc	0	unbounded	Guideline parameter	A guideline context parameter specified for the document context.
Assoc	0	unbounded	Subset parameter	A subset context parameter specified for the document context.
Assoc	0	unbounded	Message standard parameter	A message context parameter specified for the document context.
Assoc	0	unbounded	User parameter	A user context parameter specified for the document context.
Entity	**Min**	**Max**	**Exchanged Document**	Data exchanged for a receiving advice between two or more parties in written, printed or electronic form.
Att	1	1	ID	The identifier.
Att	0	1	Version ID	The version identifier.
Att	1	1	Issue Date Time	The issuance date time.
Att	0	1	Submission Date Time	The formal submission date time.
Att	0	1	Revision Date Time	The revision date time.
Att	0	1	Type Code	The type code.
Att	0	1	Status Code	The status code.
Att	0	unbounded	Response Request Type Code	A response requested type code.
Att	0	unbounded	Purpose Code	A purpose code.
Att	0	1	Purpose Text	The purpose, expressed as text.
Att	0	1	Control Requirement Indicator	The indication that the document has control requirements.
Att	0	1	Copy Indicator	The indication that this document is a copy.
Att	0	unbounded	Name	A name for this document.
Assoc	0	1	Issuer	The party that issues this document.
Assoc	0	1	Sender	The party that sends this document.
Assoc	0	unbounded	Recipient	A party that receives this document.
Assoc	0	unbounded	Note	A note included.
Assoc	0	unbounded	Attached File	A binary file attached to this document.
Entity			**Trade Transaction**	Trade line items, trade agreement and trade delivery details included, at header level, in a Receiving Advice trade transaction.
Att	0	unbounded	ID	An identifier.
Att	0	unbounded	Shipment ID	A shipment identifier.
Att	0	1	Type Code	The transaction type code.
Assoc	1	1	Trade Agreement	The applicable trade agreement.
Assoc	1	1	Trade Settlement	The applicable trade settlement.
Assoc	1	1	Trade Delivery	The applicable trade delivery.
Assoc	0	unbounded	Included logistics packages.	Included logistics packages.

Receiving Advice

Entity			**Trade Agreement (header level)**	**Contractual terms of a trade agreement for a receiving advice.**
Assoc	0	1	Buyer	The buyer.
Assoc	0	1	Seller	The seller.
Assoc	0	1	Carrier	The carrier.
Assoc	0	1	Delivery Terms	The delivery terms.
Assoc	0	unbounded	Additional Document	An additional referenced document.
Assoc	0	1	Buyer Order Document	The referenced buyer order.
Assoc	0	1	Seller Order Document	The referenced seller order.
Assoc	0	unbounded	Contract Document	A referenced contract.
Assoc	0	1	Specified Procuring Project	The specified procuring project.
Entity			**Trade Delivery (header level)**	**Shipping arrangements and movement of goods and or services including despatch and delivery pertaining to a receiving advice.**
Att	0	1	Status Code	The status code.
Att	0	1	Physical State Type Code	The code specifying the type of physical state of the delivery, such as for products, package, equipment.
Att	0	unbounded	Physical State Type Text	A description specifying the type of physical state of the delivery.
Att	0	1	Physical Description Code	The code specifying the physical state of the delivery.
Att	0	unbounded	Physical State Text	A description specifying the physical state of the delivery.
Att	0	1	Final Delivery Indicator	The indication that the delivery is the final delivery.
Att	0	1	Over Delivery Allowed Indicator	The indication that over delivery is allowed.
Att	0	1	Partial Delivery Allowed Indicator	The indication that partial delivery is allowed.
Att	0	1	Fully Delivered Indicator	The indication that this delivery is fully delivered.
Att	0	1	Pick-Up Availability Date Time	The date when this delivery is available for pick-up.
Att	0	1	Ultimate Ship To Delivery Date Time	The date time when the delivery is delivered to the ultimate ship to party.
Att	0	1	Goods Ownership Change. Date Time	The date time when the goods of this trade delivery changed from ownership.
Assoc	1	1	Ship From Party	The ship from party.
Assoc	1	1	Ship To Party	The ship to party.
Assoc	0	1	Ultimate Ship To Party	The ultimate ship to party.
Assoc	0	unbounded	Disposal Party	A disposal party.
Assoc	0	unbounded	Inventory Manager	An inventory manager party.
Assoc	0	1	Final Destination Country	The country of final destination.
Assoc	0	unbounded	Additional Document	An additional referenced document.
Assoc	0	1	Delivery Note Document	The referenced delivery note.
Assoc	0	1	Despatch Advice Document	The referenced despatch advice.
Assoc	0	1	Packing List Document	The referenced packing list.
Assoc	0	1	Receiving Advice Document	The referenced receiving advice.
Assoc	0	1	Shipment Schedule Document	The referenced shipment schedule document.
Assoc	0	unbounded	Delivery Instructions	Delivery instructions.
Assoc	0	1	Actual Despatch Event	The actual despatch event.
Assoc	0	1	Actual Receipt Event	The actual receipt event.
Assoc	0	1	Actual Unloading Event	The actual unloading event.
Assoc	0	1	Actual Pick-Up Event	The actual Pick-Up event.
Assoc	0	1	Handling Instructions	Handling Instructions
Assoc	0	1	Requested Delivery Event	The requested delivery event.
Assoc	0	1	Confirmed Release Event	The confirmed release event.

Receiving Advice

Assoc	0	1	Confirmed Despatch Event	The confirmed despatch event.
Assoc	0	1	Confirmed Pick-Up Event	The confirmed pick-up event.
Assoc	0	1	Planned Delivery Event	The planned delivery event.
Assoc	0	unbounded	Related Consignment	A related consignment.
Assoc	0	unbounded	Included Supply Chain Packaging	Included Supply Chain Packaging
Assoc	0	unbounded	Information Note	An included information note.
Entity			Trade Settlement (header level)	The trade settlement applicable to the trade transaction.
Att	0	1	Price Currency	The price currency.
Assoc	0	unbounded	Purchase Accounting Account	A purchase accounting account.
Assoc	0	unbounded	Sales Accounting Account	A sales accounting account.
Assoc	0	1	Applicable Tax	The applicable tax.
Assoc	0	1	Monetary Summation	The monetary summation.
Assoc	0	1	Payment Terrns	The payment terms.
Entity			Trade Agreement (line level)	Contractual terms of a supply chain trade agreement for a receiving advice line.
Assoc	0	1	Product End User	The party acting as the end user for the products.
Assoc	0	unbounded	Additional Document	An additional referenced document.
Assoc	0	1	Buyer Order Document	The referenced buyer order.
Assoc	0	1	Seller Order Document	The referenced seller order.
Assoc	0	unbounded	Contract Document	A referenced contract.
Assoc	0	unbounded	Promotional Deal Document	A referenced promotional deal.
Assoc	0	1	Net Price	The net price for the product.
Assoc	0	1	Program Mission Project	The program mission project.
Entity			Trade Delivery (line level)	Shipping arrangements and movement of goods and or services including despatch and delivery pertaining to a receiving advice.
Att	0	1	Status Code	The status code.
Att	0	1	Physical State Type Code	The code specifying the type of physical state, such as for products, package, equipment.
Att	0	unbounded	Physical State Type Text	A description specifying the type of physical state.
Att	0	1	Physical Description Code	The code specifying the physical state.
Att	0	unbounded	Physical State Text	A description specifying the physical state.
Att	0	1	Final Delivery Indicator	The indication that this delivery is the final delivery.
Att	0	1	Over Delivery Allowed Indicator	The indication that over delivery is allowed.
Att	0	1	Partial Delivery Allowed Indicator	The indication that partial delivery is allowed.
Att	0	1	Fully Delivered Indicator	The indication that this delivery is fully delivered.
Att	0	1	Quantity Variance Reason Code	To specify the coded reason of variances, such as item not ordered.
Att	0	unbounded	Quantity Variance Reason Text	To specify the reason, expressed as text, of variances.
Att	0	1	Quantity Discrepancy Nature Code	The code specifying the quantity discrepancy nature, such as goods delivered damaged.
Att	0	1	Ordered Quantity	The quantity ordered.
Att	0	1	Billed Quantity	The quantity billed.
Att	0	1	Despatched Quantity	The quantity despatched.
Att	0	1	Charge Free Quantity	The charge free quantity.
Att	0	1	Package Quantity	The number of packages.
Att	0	1	Requested Quantity	The requested quantity.

Receiving Advice

Att	0	1	Per Package Unit Quantity	The number of units per package.
Att	0	1	Product Unit Quantity	The number of product units.
Att	0	1	Remaining Requested Quantity	The remaining requested quantity.
Att	0	1	Received Quantity	The received quantity.
Att	0	1	Agreed Quantity	The quantity agreed.
Att	0	1	Rejected Quantity	The quantity rejected.
Att	0	1	Returned Quantity	The quantity returned.
Att	0	1	Destroyed Quantity	The quantity destroyed.
Att	0	1	Individual Package Quantity	The quantity within the individual package.
Att	0	1	Chargeable Weight	The chargeable weight.
Att	0	1	Theoretical Weight	The theoretical weight.
Att	0	1	Gross Weight	The gross weight (mass).
Att	0	1	Net Weight	The net weight (mass).
Att	0	1	Gross Volume	The gross volume.
Att	0	1	Net Volume	The net volume.
Att	0	1	Ultimate Ship To Delivery Date Time	The date time for this delivery to the ultimate ship to party.
Att	0	1	Pick-Up Availability Date Time	The date time for pick-up availability for this delivery.
Att	0	1	Buyer Order Date Time	The date time when this delivery was ordered by the buyer.
Att	0	1	Goods Ownership Change. Date Time	The date time when the goods of this trade delivery changed from ownership.
Assoc	0	1	Ship From Party	The ship from party.
Assoc	0	1	Ship To Party	The ship to party.
Assoc	0	1	Ultimate Ship To Party	The ultimate ship to party.
Assoc	0	unbounded	Disposal Party	A disposal party.
Assoc	0	unbounded	Inventory Manager	An inventory manager party.
Assoc	0	1	Final Destination Country	The country of the final destination.
Assoc	0	1	Delivery Adjustment	The delivery adjustment.
Assoc	0	unbounded	Handling Instructions	Handling instructions.
Assoc	0	unbounded	Supply Plan	A supply plan.
Assoc	0	unbounded	Additional Document	An additional referenced document.
Assoc	0	1	Delivery Note Document	The referenced goods receipt note.
Assoc	0	1	Goods Receipt Note Document	The referenced delivery note.
Assoc	0	1	Despatch Advice Document	The referenced despatch advice.
Assoc	0	1	Packing List Document	The referenced packing list.
Assoc	0	unbounded	Receiving Advice Document	A referenced receiving advice.
Assoc	0	1	Shipment Schedule Document	The referenced shipment schedule document.
Assoc	0	1	Actual Despatch Event	The actual despatch event.
Assoc	0	1	Actual Pick-Up Event	The actual pick-up event.
Assoc	0	1	Actual Receipt Event	The actual receipt event.
Assoc	0	1	Actual Unloading Event	The actual unloading event.
Assoc	0	1	Requested Delivery Event	The requested delivery event.
Assoc	0	1	Confirmed Despatch Event	The confirmed despatch event.
Assoc	0	1	Confirmed Pick-up Event	The confirmed pick-up event.
Assoc	0	1	Planned Delivery Event	The planned delivery event.
Assoc	0	unbounded	Available Inventory	Available Inventory.
Assoc	0	unbounded	Customer Inventory	Supply chain customer inventory.
Assoc	0	unbounded	Related Consignment	A related consignment.
Assoc	0	unbounded	Included Packaging	Included Packaging
Assoc	0	unbounded	Information Note	A note included.

End

8.3.3 Business Rules

Not applicable

8.3.4 Definition of Terms

Regarding the Definition of Terms refer to TBG1 Common Supply Chain BRS and published CCL.