

Report

META: Transport Instruction and Response implementation guide

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Abstract

This implementation guide is established by the META project and addresses the implementation of the GS1-defined Transport Instruction transaction which is implemented by means of two messages: Transport Instruction and Transport Instruction Response. The Transport Instruction message requests a call-off of a transport service bookings. The Transport Instruction Response message carries either an acceptance, a partially acceptance, an amendment or a rejection of the transport service requested by the Transport Instruction.

The report has a technical and a logical part. In the technical part the structure and the content of the messages are defined as well as profiles which define subsets of the messages. In the logical part a scenario illustrates how the messages are to be used and answers to frequently asked questions are provide together with message content examples.

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Foreword

This implementation guide is established by the META project. META is an acronym for More Efficient Transport with ARKTRANS, and addresses the improvement of freight transport by means of standardised information exchange in the transport chains. Focus has been on the ARKTRANS framework and its successor the European Common Framework for Freight Information Exchange as well as on the use of other frameworks and standards.

The META project is funded by the Research Council of Norway and by the participants which are ITS Norway, the TakeCargo transport portal, the logistic department of the consumers cooperative society Coop, Short Sea Promotion Centre, the Norwegian Public Road Administration, the software company Timpex and the forwarder Tollpost Globe. The project is managed by SINTEF.

The implementation guide addresses the implementation of the GS1-defined Transport Instruction transaction between Logistics Service Clients and Logistics Service Providers. The guide is based on needs expressed by the stakeholders, and the solutions are also discussed with GS1 and other users of the Transport Instruction, among others in the European projectd e-Freight and iCargo.

Contents

<i>Terms and abbreviations</i>	6
1 Introduction	7
1.1 The META project	7
1.2 Transactions addressed in META	7
1.2.1 Transport Service Description (TSD)	7
1.2.2 Transport Instruction (TI)	8
1.2.3 Transport Status (TS)	8
1.3 Transport Instruction and Response profiles	8
1.4 Implementation guide content	9
<i>Technical part</i>	10
2 Message structure and content	10
2.1 Transport Instruction message structure and content	10
2.2 Transport Instruction Response message structure and content	20
2.3 Transport Instruction profiles	21
3 Use of code lists	22
3.1 Code lists identified by GS1	22
3.2 Other code lists	23
<i>Logical part</i>	24
4 Scenario	24
4.1 Transport chain	24
4.2 Shipments and IDs	25
4.3 Coordination towards customs	26
4.4 Transport Instruction transactions	26
5 Frequently asked questions	28
5.1 How to use shipments and consignments?	28
5.2 How to arrange for status reporting with measurements?	29
5.3 How to understand the parties involved?	30
5.4 How to use profiles?	31
5.5 How to do the Transport Instruction choreography?	32
5.5.1 Identifiers	32
5.5.2 Status indicators	33
5.5.3 Realisation	34
5.6 How to request an international door-to-door service?	37
5.7 How to request domestic road transport?	42
5.8 How to request domestic rail transport?	45
5.9 How to request a consolidation?	48

5.10	How to request both consolidation and transport?	49
5.11	How to request de-consolidation?	53
5.12	How to respond if fully accepted?	55
5.13	How to respond if partially accepted?	56
5.14	How to respond if fully acceptance with amendments?	57
5.15	How to respond if fully rejected?	58
5.16	How to update logistics unit IDs?	59
5.17	How to update the time schedule?	60
5.18	How to do a cancellation?	61
5.19	How to use the Identifiers?	62
5.20	How to make references?	63
5.21	How to book transport without logistics unit identifiers?	64
5.22	How to handle customs?	65
5.23	How to describe that power supply is required?	66
6	Overview of supporting services	67
<i>Annex A.</i>	<i>Transport Instruction and Response XML examples</i>	<i>69</i>
A.1.	Transport Instruction (Shipment) from RECEIVER 2 to FORWARDER	69
A.2.	Transport Instruction Response from FORWARDER to RECEIVER 2 (Fully accepted)	74
A.3.	Transport Instruction Response from FORWARDER to RECEIVER 2 (Partially accepted)	75
A.4.	Transport Instruction from FORWARDER to SEA CARRIER	79
<i>Annex B.</i>	<i>Transport Instruction profiles</i>	<i>96</i>
B.1.	Transport Instruction profiles	96
B.2.	Transport Instruction Response profiles	140
<i>Annex C.</i>	<i>Code List modifications</i>	<i>145</i>
C.1.	HarmonizedSystemCode	145
C.2.	PackageTypeCode	148
C.3.	Transport Instruction Status Reason Code	158
C.4.	Transport Reference Type Code	166
C.5.	Transport Service Category Type	170
C.6.	Transport Service Level Code	171
<i>Annex D.</i>	<i>XSD Schema file structures and namespaces</i>	<i>Error! Bookmark not defined.</i>
D.1.	Folder structure	Error! Bookmark not defined.
D.2.	XSD files and namespaces	Error! Bookmark not defined.
References		172

Terms and abbreviations

Abbreviation	Description
Code list	A list of fixed codes and corresponding values. Typically defined by global standardization bodies such as UNCEFACT, ISO, etc.
Common Framework	European initiative that spans several European research projects. Builds on the ARKTRANS framework.
Consignment	A logical composition of items related to logistics services. Focus is on how logistics units are packaged and transported.
Consignee	The receiver of the cargo from the leg addressed by the consignment
Consignor	The provider of the cargo to the leg addressed by the consignment. For a door-to-door transport the first consignor will be the sender.
CVA	Context Value Association file
GS1	Global Standards One
GSIN	Global Shipment Identification Number
GINC	Global Identification Number for Consignment
GRAI	Global Returnable Asset Identifier
GIAI	Global Individual Asset Identifier
GTIN	Global Trade Item Number
SGTIN	Serial Global Trade Item Number
SSCC	Serial Shipping Container Code
GLN	Global Location Number
ID	Identifier
LSC	Logistics Service Client. The role responsible for gathering information about a transport service as well as purchasing and following up a logistics service
LSP	Logistics Service Provider. The role responsible for announcing, selling and executing logistics services.
META	Mer Effektiv Transport med ARKTRANS (More Efficient Transport with ARKTRANS)
Message	One single XML dtructure being communicated between parties. A message is a part of a transaction.
OASIS	Organization for the Advancement of Structured Information Standards
Receiver	The final seceiver of the cargo.
Shipper	The original shipper of the cargo.
Shipment	The trade items related to a commercial transactions, and these trade items are to be transported.
Transaction	The message exchange that takes place between two collaborating parties. May involve one or more messages in order to complete the transaction.
TI	Transport Instruction
TS	Transport Status
TSD	Transport Service Description
UBL	Universal Business Language. A library of standard electronic XML business messages.
XML	eXtensible Markup Language. A markup language that defines a set of rules for encoding messages in a format that is both human-readable and machine-readable. Often used in web services to communicate messages between collaborating parties. Relies on XML Schemas (XSD).
XSD	XML Schema Definition. A schema describing the structure of an XML message.
XSLT	eXtensible Stylesheet Language Transformation

1 Introduction

This implementation guide is established by the META project and addresses the implementation of the GS1-defined Transport Instruction transaction. The Transport Instruction transaction supports the call-off of transport service bookings by means of the GS1 Transport Instruction and Response message standard [1].

The implementation guide has a technical and a logical part. In the technical part, the structure and the content of the messages are defined. In the logical part, a scenario illustrates how the Transport Instruction transaction is used together with the Transport Status transaction, and frequently asked questions are answered by means of guidelines and examples.

1.1 The META project

The META project is funded by the Research Council of Norway, ITS Norway, the TakeCargo transport portal; the logistic department of the consumers cooperative society Coop; the freight operator Tollpost; Norwegian Public Road Administration; the Short Sea Promotion Centre; and the Timpex software company. META is managed by SINTEF.

To achieve more efficient, reliable, flexible and environmental friendly freight transport, META aims to stimulate the implementation of standardised information exchange in transport chains in the Norwegian transport sector. This is done through an involvement in the standardisation processes of OASIS UBL and GS1 to ensure fulfilment of the requirements of the META participants. META has contributed to the establishment of the following standards:

- The OASIS UBL-defined Transport Service Description[2].
- The GS1-defined Transport Instruction and Response [1] (the focus of this implementation guide).
- The GS1-defined Transport Status Request and Notification [3].

Together these standards represent a common way for information exchange in all phases of transport.

1.2 Transactions addressed

As described above, META addresses a family of transactions consisting of the Transport Service Description transaction, the Transport Instruction transaction and the Transport Status transaction. Assuming that a Logistics Service Clients (LSC) has a transport demand and a Logistics Service Provider (LSP) can provide a transport service, these transactions enable an LSC to find, initiate and follow up transport services provided by an LSP.

As indicated by Table 1, this implementation guide will focus on the Transport Instruction transaction. The other transactions and the associated messages have their own implementation guides.

Table 1 Transactions and messages

Transactions	Messages	Sender	Receiver	Addressed by
Transport Instruction	Transport Instruction	LSC	LSP	This implementation guide
	Transport Instruction Response	LSP	LSC	
Transport Status	Transport Status Request	LSC	LSP	The Transport Status Request and Notification implementation guide [4]
	Transport Status Notification	LSP	LSC	
Transport Service Description	Transport Service Description Request	LSC	LSP	The Transport Service Description implementation guide [5]
	Transport Service Description	LSP	LSC	

1.2.1 Transport Service Description (TSD)

The Transport Service Description transaction supports acquisition and provision of information about relevant transport services by means of two messages:

- The Transport Service Description Request message defines a query which defines the properties of a service that is requested.

- The Transport Service Description message supports announcements of transport services in a standardised way that enable LSC to find relevant transport services.

The LSC issues a Transport Service Description Request message to a LSP which in turn returns a Transport Service Description message. A Transport Service Description may however also be issued independent of a Request to provide information about available services.

One of the foreseen usages of the Transport Service Description is that the LSC queries a repository of stored Transport Service Descriptions and receives one or more relevant Transport Service Descriptions in return. In Figure 1 this is however illustrated as an interaction between LSP and LSC since the realisation may be done in several ways. A repository may for example represent one or more LSPs.

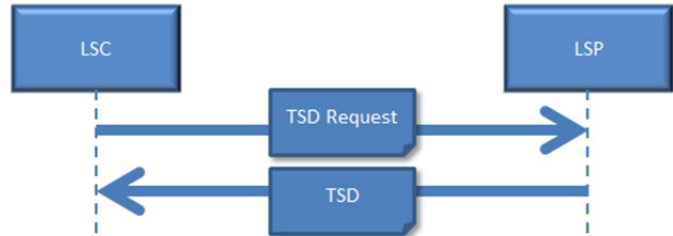


Figure 1 Transport Service Description transaction

1.2.2 Transport Instruction (TI)

Transport service call-offs are supported by two messages:

- The Transport Instruction message carries a request for a transport related service for any transport mode.
- The Transport Instruction Response message carries either an acceptance, a partially acceptance, an amendment or a rejection of the transport service request expressed by the Transport Instruction message.

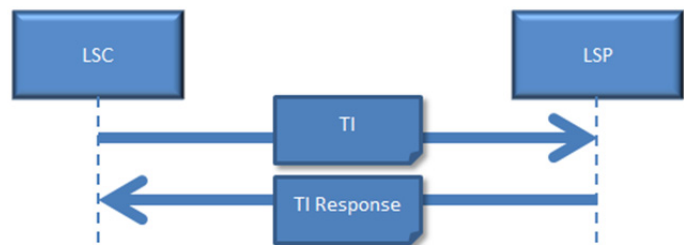


Figure 2 Transport Instruction transaction

The LSC issues a Transport Instruction to a LSP which in turn returns a Transport Instruction Response.

1.2.3 Transport Status (TS)

Transport status reporting is supported by two messages:

- The Transport Status Request message requests a status report.
- The Transport Status Notification message support status reporting both related to the entire transport and to the individual cargo units.

The LSC may issue a Transport Status Request resulting in a Transport Status Notification sent from the LSP, or a Transport Status Notification may be pushed from the LSP on events or according to agreements.

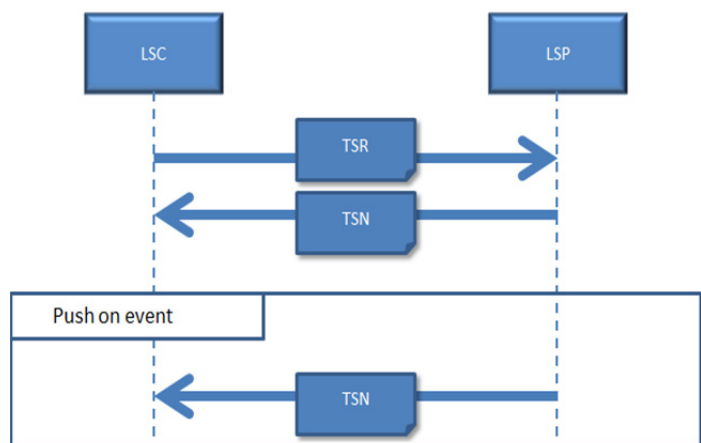


Figure 3 Transport Status Notification transaction

1.3 Transport Instruction and Response profiles

For each of the messages in the Transport Instruction transaction there is a corresponding GS1 standard [1]. META has grouped sub-sets of this standard into Core Profiles and Extension Profiles. A Core Profile is a minimum sub-set of mandatory and optional information elements that must be implemented. An Extension

Profile is a larger sub-set adapted to specific needs. All profiles are however always conformant with the GS1 standard, i.e. the profiles never specifies anything that is not in line with the standard. However, some optional information elements may be omitted, and the cardinality constraints associated with the elements in the profile may be stricter than in the GS1 standard.

Both Core Profiles and Extension Profiles are based on requirements captured within the META project and in European projects. The motivation for the use of such profile is to ease the implementation of standardised messages. Small actors with simple transport needs and small transport companies with simple transport services should not have to implement the full messages as defined by GS1. They can in many cases manage with a Core Profile which is limited, but should contain necessary and sufficient information to enable the LSC to call-off simple transport services from a LSP.

Parties claiming to be fully conformant with a profile must be able to receive and interpret every single information element defined in the profile. That does not mean that they will have to use all these information elements in the messages they create themselves. However, they must be able to interpret both mandatory and optional information elements received from others. The intention is hence that parties communicating in line with a profile do not need to agree on the information elements to be included prior to the information exchange.

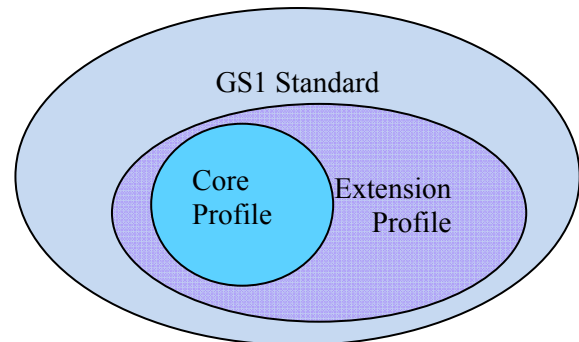


Figure 4: Relationship between GS1 standard, Core Profile and Extension Profiles

An Extension Profiles contain information elements that extend a Core Profile. One extension may for example include information elements particularly suited for instructions concerning dangerous goods. The relationships between the standard message model, the Core Profile and the Extension profiles are illustrated in Figure 4.

1.4 Implementation guide content

The implementation guide has two parts, one part addressing technical issues and one part addressing logical issues related to the Transport Instruction transaction.

The technical part describes how relevant transactions are to be implemented.

- Chapter 2 defines the XML structures and content used to implement the messages. The use of profiles is also addressed.
- Chapter 3 describes the code lists that are used.

The logical part is technology independent and describes how the Transport Instruction transaction is used in transport processes.

- Chapter 4 provides a scenario illustrating the usage of Transport Instruction transactions. The scenario makes references to Chapter 5.
- Chapter 5 provides answers to frequently asked questions.
- Chapter 6 provides an overview of the services that support the exchange of the messages.

There are also several annexes that provide additional details:

- Annex A presents some example XML examples.
- Annex B defines the Transport Instruction profiles.
- Annex C presents code lists being used in the messages.

Technical part

2 Message structure and content

This chapter describes the structure of the Transport Instruction and Transport Instruction Response messages and their profiles. The XSD schemas can be accessed through the Web pages of GS1 [6].

2.1 Transport Instruction message structure and content

Table 2 provides an overview of the Transport Instruction message structure, and the message elements are also defined by means of their data types, cardinality¹ (the C column) and a textual description. Whenever an element is of the same type as a previous element, a reference is made to the line number the (# column) where it is defined. Thus, each data type is only described once. Data elements in the GS1 standard which are not to be used are indicated by strike-through.

Table 2 Transport Instruction message structure and content

#	Message elements	Data types, etc.	C	Description
2	transportInstructionMessage	Type: TransportInstructionMessageType	1	
3	StandardBusinessDocumentHeader	Type: StandardBusinessDocumentHeader	1	The UN/CEFACT standard.. Contains information about routing and processing of the business document, identifies the message set sent together with on SBDH and the version number of the document(s) contained.
4	HeaderVersion	Type: string	1	Version number of the SBDH standard used.
5	Sender	Type: Partner	1..n	Sender of the message, party representing the organization which created the standard business document.
6	Identifier	Type: PartnerIdentification	1	A unique identification key for the Sender party. The value may be a GLN. Or another identifier. In case of the latter the Authority attribute should be used to indicate the authority agency of the identification key.
7	ContactInformation	Type: ContactInformation	0..n	Contact information for contact person or department. The element although optional, should be used, if possible.
8	Contact	Type: string	1	Name of contact person or department. Although optional, should be used, if possible.
9	EmailAddress	Type: string	0..1	Email address of contact person or department according to ITU-T Recommendation E.123.
10	FaxNumber	Type: string	0..1	Fax number of contact person or department according to ITU-T Recommendation E.123.
11	TelephoneNumber	Type: string	0..1	Telephone number of contact person or department according to ITU-T Recommendation E.123.
12	ContactTypeIdentifier	Type: string	0..1	The role of the contact person or department, e.g. EDI coordinator.
13	Receiver	Type: Partner (see line 5)	1..n	Receiver of the message, party representing the organization which receives the standard business document.
14	DocumentIdentification	Type: DocumentIdentification	1	Identification information for the document
15	Standard	Type: string	1	The name of the document standard contained in the payload. The value of the element „Standard“ MUST be set to the value „GS1“

¹ The cardinality is the number of instances of this element that has to or can be provided

16		TypeVersion	Type: string	1	The version number of the XSD schema used in the payload of the message
17		InstanceIdentifier	Type: string	1	Identifies the instance of the transport instruction message. This identifier identifies this document as being distinct from others.
18		Type	Type: string	1	Identifies the type of the document, e.g. "Transport Instruction"
19		MultipleType	Type: boolean	0..1	TRUE if many different document types after the same header. Will not be used.
20		CreationDateAndTime	Type: dateTime	1	The update time of this submission, e.g. 2006-03-23T01:00:78.000+02:00
21		Manifest	Type: Manifest	0..1	Attachments to the instruction. Will not be used.
22		NumberOfItems	Type: integer	±	
23		ManifestItem	Type: ManifestItem	1..n	
24		- MimeTypeQualifierCode	Type: MimeTypeQualifier	±	
25		- UniformResourceIdentifier	Type: anyURI	±	
26		- Description	Type: string	0..1	
27		- LanguageCode	Type: Language	0..1	
28		BusinessScope	Type: BusinessScope	0..1	Description of the complete business environment in which the SBDH and SBD will be processed. The business scope provides a basis to determine which rules are applicable to the transaction involving the enclosed business documents.
29		Scope	Type: Scope	0..n	
30		ScopeAttributes	Group	1	
31		Type	Type: string	1	Name of XSD profile used.
32		InstanceIdentifier	Type: string	1	Leave empty
33		Identifier	Type: string	0..1	
34		ScopeInformation	Type: anyType	0..n	This is an abstract element with a substitution group. Will not be used.
35		BusinessService	SubstitutionGroup	0..1	-
36		- BusinessServiceName	Type: string	0..1	-
37		- ServiceTransaction	ServiceTransaction	0..1	-
38		- ScopeInformation	Substitution Group: anyType	0..1	-
39		CorrelationInformation	SubstitutionGroup	0..1	-
40		- RequestingDocumentCreationDateTime	Type: dateTime	0..1	-
41		- RequestingDocumentInstanceIdentifier	Type: string	0..1	-
42		- ExpectedResponseDateTime	Type: dateTime	0..1	-
43		- ScopeInformation	Substitution Group: anyType	0..1	-
44		TransportInstruction	Type: TransportInstructionType	1..n	The main objectives of the Transport Instruction are to communicate and share the arrangements (through the agreed conditions) of the movement of the goods (including collection and delivery) between all parties involved and providing the information necessary to perform the handling of the goods.
45		DocumentType	Extention base	1	
46		creationDateTime	Type: dateTime	1	Date and time when the document was created.
47		documentStatusCode	Enum type: DocumentStatusEnumerationType	1	Indicates if the document is a copy or an original.
48		documentActionCode	Enum type: DocumentActionEnumerationType	0..1	Code specifying the action to be taken in the system of the recipient using the information in the document.
49		documentStructureVersion	Type: string	0..1	Specification of the version of the standard on which the structure of the document is based, for example 3.0.
50		lastUpdateDateTime	Type: dateTime	0..1	Date and time when the document was last updated.
51		extension	ExtentionType	0..1	Extension point for inclusion of additional information through an extension to the document. Will not be used.
52		transportInstructionIdentification	Type: EntityIdentificationType	1	The identification of the transport instruction document.
53		entityIdentification	Type: restricted string	1	The unique identifier of the piece of information, such as the object id or the document id.
54		contentOwner	Type: PartyIdentificationType	0..1	Uniquely identifies the creator of the entity identification.
55		gln	Type: GLNType	1	Global Location Number (GLN), the GS1 key used for the identification of parties and locations.

56		additionalPartyIdentification	Type: AdditionalPartyIdentificationType	0..n	Identification of a party by use of a code other than the Global Location Number.
57		transportInstructionFunction	Enum type: TransportInstructionFunctionEnumerationType	1	The transport instruction function identifies whether the transport instruction is consignment-based or shipment-based.
58		logisticServicesSeller	Type: TransactionalPartyType	1	A party that provides logistics services to another party.
59		gln	Type: GLNType	0..1	Global Location Number (GLN), the GS1 key used for the identification of parties and locations.
60		additionalPartyIdentification	Type: AdditionalPartyIdentificationType	0..n	Identification of a party by use of a code other than the Global Location Number.
61		address	Type: AddressType	0..1	Address of the party involved in the business transaction.
62		city	Type: restricted string	0..1	Text specifying the name of the city.
63		cityCode	Type: restricted string	0..1	Identifier for a city, expressed as a short code rather than the full name
64		countryCode	Type: CountryCodeType	0..1	Code specifying the country for the address.
65		countyCode	Type: restricted string	0..1	A code that identifies a county. A county is a territorial division in some countries, forming the chief unit of local administration. In the US, a county is a political and administrative division of a state. Will not be used.
66		crossStreet	Type: restricted string	0..1	A street intersecting a main street (usually at right angles) and continuing on both sides of it. Will not be used.
67		currencyOfPartyCode	Type: CurrencyCodeType	0..1	Code specifying the currency of an addressed party. Will not be used.
68		languageOfThePartyCode	Type: LanguageCodeType	0..1	Code specifying the language of an addressed party. Will not be used.
69		name	Type: restricted string	0..1	The name of the party expressed in text.
70		pOBoxNumber	Type: restricted string	0..1	The number that identifies a PO box. A PO box is a box in a post office or other postal service location assigned to an organization where postal items may be kept.
71		postalCode	Type: restricted string	0..1	Text specifying the postal code for an address.
72		state	Type: restricted string	0..1	One of the constituent units of a nation having a federal government.
73		streetAddressOne	Type: restricted string	0..1	The first free form line of an address. This first part is printed on paper as the first line below the name. For example, the name of the street and the number in the street or the name of a building.
74		streetAddressTwo	Type: restricted string	0..1	The second free form line of an address. This second part is printed on paper as the second line below the name. The second free form line complements the first free form line to locate the party e.g. floor number, name of a building, suite number.
75		geographicalCoordinates	Type: GeographicalCoordinatesType	0..1	Geographical coordinates for the address.
76		latitude	Type: restricted string	1	Angular distance North or South from the earth's equator measured through 90 degrees.
77		longitude	Type: restricted string	1	The arc or portion of the earth's equator intersected between the meridian of a given place and the prime meridian and expressed either in degrees or in time
78		contact	Type: ContactType	0..1	Person or department that can be contacted regarding the business transaction.
79		contactTypeCode	Type: ContactTypeCodeType	0..1	Code specifying the function or role of a contact.
80		personName	Type: restricted string	0..1	The name of the individual that can be contacted to provide additional information.
81		departmentName	Type: restricted string	0..1	The name of the department that can be contacted to provide additional information.
82		jobTitle	Type: restricted string	0..1	The job title of the person that can be contacted.
83		responsibility	Type: Description70Type	0..n	Text further specifying the area of responsibility of the trade contact. Will not be used.
84		communicationChannel	Type: CommunicationChannelType	0..n	The channel or manner in which a communication can be made with the contact, such as telephone or email.
85		communicationChannelCode	Type: CommunicationChannelCodeType	1	Code specifying the type of communication channel, for example TELEPHONE.
86		communicationValue	Type: restricted string	1	Text identifying the endpoint for the communication channel, for example a telephone number or an e-mail address.
87		afterHoursCommunicationChannel	Type: CommunicationChannelType (see line 84)	0..n	The channel or manner in which a communication can be made with the contact after regular office hours.
88		dutyFeeTaxRegistration	Type: DutyFeeTaxRegistrationType	0..n	The registration details of a party related to a particular duty, tax or fee.
89		dutyFeeTaxRegistrationID	Type: IdentifierType	1	Identifier of the party for this particular duty, fee or tax.
90		dutyFeeTaxTypeCode	Type: DutyFeeTaxTypeCodeType	1	Code specifying the type of duty, fee or tax.
91		dutyFeeTaxAgencyName	Type: restricted string	0..1	Agency responsible for the collection of this duty, fee or tax.
92		dutyFeeTaxDescription	Type: Description80Type	0..1	Textual description of this duty, fee or tax.
93		organisationDetails	Type: OrganisationType	0..1	Information about the legal organisation of the party involved in the business transaction.

94		organisationName	Type: restricted string	1	The official name of the organisation.
95		issuedCapital	Type: AmountType	0..1	The amount of the issued capital. Will not be used.
96		legalStructure	Type: Description80Type	0..1	Description of the type of legal structure of the organisation. Will not be used.
97		officialAddress	Type: AddressType (see line 61)	0..1	The address where the organisation is officially based.
98		legalRegistration	Type: LegalRegistrationType	0..n	The registration details of an organisation in a particular legal register.
99		legalRegistrationNumber	Type: restricted string	1	Unique identifier of the organization in the legal register.
100		legalRegistrationType	Type: LegalRegistrationCodeType	1	Code specifying the type of legal register.
101		financialInstitutionInformation	Type: FinancialInstitutionInformationType	0..n	Information on the financial institution(s) where the party holds an account.
102		financialInstitutionName	Type: restricted string	0..1	The name of the account holder's financial institution.
103		financialInstitutionBranchName	Type: restricted string	0..1	The name of a division or location of the account holder's financial institution.
104		financialAccount	Type: FinancialAccountType	0..1	Information identifying a client's financial account with a financial institution.
105		financialAccountNumber	Type: restricted string	1	Text specifying the number of the financial account.
106		financialAccountNumberTypeCode	Type: FinancialAccountNumberTypeCodeType	1	Identifies the type of financial account number.
107		financialAccountName	Type: restricted string	0..1	Text specifying the name of the financial account.
108		financialRoutingNumber	Type: FinancialRoutingNumberType	0..1	Provides the Routing Number for the Financial Institution.
109		financialRoutingNumber	Type: restricted string	1	Number assigned to a transaction in financial routing between parties. The number is determined by and used in conjunction with the type of routing, e.g. SWIFT,ABA,CHIPS.
110		financialRoutingNumberTypeCode	Type: FinancialRoutingNumberTypeCodeType	1	Code specifying the type of financial routing, e.g. SWIFT.
111		additionalFinancialInformation	Type: MultiDescription70Type	0..1	A description used to provide any additional information about a financial institution. Will not be used.
112		description	Type: Description70Type	1..n	Text content of the description. Will not be used.
113		address	Type: AddressType (see line 61)	0..1	Address of the financial institution involved in the business transaction.
114		logisticServicesBuyer	Type: TransactionalPartyType (see line 58)	1	A party that purchases logistics services from another party.
115		billTo	Type: TransactionalPartyType (see line 58)	0..1	Identifies the party who will receive the invoice for the transport services. Synonym: Invoicee.
116		transportInstructionConsignment	Type: TransportInstructionConsignmentType	0..n	Provides the information on a consignment contained in this transport instruction.
117		ConsignmentIdentificationType	Extention base	1	
120		ginc	Type: GINCType	1	The GS1 Global Identification Number for Consignment (GINC) key used for the identification of consignments
121		additionalIndividualAssetIdentification	Type: AdditionalConsignmentIdentificationType	0..n	Identifier of the consignment specified in addition to the GINC.
122		parentConsignmentID	Type: ConsignmentIdentificationType (see line 117)	0..1	Reference to another consignment that contains this consignment (and several other consignments).
125		transportInstructionStatusCode	Enum type: TransportInstructionStatusEnumerationType	0..1	Code specifying the instruction status of this consignment.
126		transportInstructionStatusDescription	Type: Description70Type	0..1	Specify transport instruction status
127		transportInstructionStatusReasonCode	Type: TransportInstructionStatusReasonCodeType	0..1	Code specifying the instruction status reason for this consignment.
128		transportInstructionStatusReasonDescription	Type: Description70Type	0..1	Textual description of the instruction status reason for this consignment.
129		note	Type: String 500Type	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.
130		consignor	Type: TransactionalPartyType (see line 58)	1	The party despatching a consignment of goods.
131		consignee	Type: TransactionalPartyType (see line 58)	1	The party receiving a consignment of goods.
132		notifyParty	Type: TransactionalPartyType (see line 58)	0..n	The party which needs to be informed regarding the consignment information to fulfill the end to end transportation process.
133		pickUpParty	Type: TransactionalPartyType (see line 58)	0..1	Identification of the physical location from where goods will be picked up for delivery.
134		dropOffParty	Type: TransactionalPartyType (see line 58)	0..1	Identification of the physical location to where goods will be or have been shipped.
135		exportAgent	Type: TransactionalPartyType (see line 58)	0..1	Identification of and additional information about a party involved in a business transaction, such as "order" or "invoice".
136		importAgent	Type: TransactionalPartyType (see line 58)	0..1	Identification of and additional information about a party involved in a business transaction, such as "order" or "invoice".
137		transportInstructionTerms	Type: TransportInstructionTermsType	1	The agreed transport service conditions for this consignment.
138		transportServiceCategoryType	Type: TransportServiceCategoryCodeType	1	Code specifying the type of transport service that will be provided. For example: Courier service.

139		transportCollectChargeAmount	Type: AmountType	0..1	The total monetary value of all freight and other service charges which are to be collected from the consignee at or after delivery of the goods.
140		transportPaymentMethodTypeCode	Type: TransportPaymentMethodCodeType	0..1	The method of payment for the transport and service charges.
141		transportPickUpChargeAmount	Type: AmountType	0..1	The total monetary value of all freight and other service charges which are to be collected from the consignor at or after pick-up of the goods.
142		transportServiceConditionType	Type: TransportServiceConditionTypeCodeType	0..1	Code specifying the type of contractual conditions applicable to these transport terms
143		transportServiceLevelCode	Type: TransportServiceLevelCodeType	0..1	Specifies the level of service. E.g. EXPRESS_SERVICE
144		logisticService	Type: LogisticServiceType	0..n	Details on the additional services agreed as part of the transport instruction terms.
145		logisticServiceRequirementCode	Type: LogisticServiceRequirementCodeType	1	Code specifying the type of service required.
146		cashOnDeliveryAmount	Type: AmountType	0..1	Monetary amount applicable in case the logistic services provider is requested collect the payment for the delivered goods.
147		insuranceValue	Type: AmountType	0..1	Monetary amount applicable in case the logistic service provider is requested to arrange the insurance of the delivered goods.
148		logisticServiceChargeAmount	Type: AmountType	0..1	Monetary amount to be paid to the logistic service provider as compensation for the provided service.
149		transportCargoCharacteristics	Type: TransportCargoCharacteristicsType	1	Aggregate information on the goods that are contained in this consignment.
150		cargoTypeCode	Type: CargoTypeCodeType	1	Code specifying the classification of a type of cargo for example hazardous cargo.
151		harmonizedSystemCode	Type: HarmonizedSystemCodeType	0..1	Code specifying the cargo according to the Harmonised Commodity Description and Coding System (HS) of tariff nomenclature, developed and maintained by the World Customs Organization (WCO).
152		cargoTypeDescription	Type: Description200Type	0..1	Free text specifying the classification of a type of cargo.
153		countryOfOriginCode	Type: CountryCodeType	0..1	The country where this transport cargo has been manufactured.
154		finalDestinationCountry	Type: CountryCodeType	0..1	The country considered to be the final destination for this transport cargo, for regulatory compliance purposes.
155		totalGrossVolume	Type: MeasurementType	0..1	A measure of the volume, normally calculated by multiplying the maximum length, width, and height of the packaged goods.
156		totalGrossWeight	Type: MeasurementType	0..1	A measure of the mass of the goods including the weight of transport packaging, and potentially the weight of any transport equipment.
157		totalTransportNetWeight	Type: MeasurementType	0..1	A measure of the mass of the goods excluding the weight of transport packaging and excluding the weight of any transport equipment.
158		totalChargeableWeight	Type: MeasurementType	0..1	Measure of the weight on which freight charges may be calculated for this transport cargo.
159		declaredWeightForCustoms	Type: MeasurementType	0..1	Measure of the weight of the goods for customs declaration purposes.
160		totalLoadingLength	Type: MeasurementType	0..1	Measure of the total length the goods occupy in a transport means / on a piece of transport equipment. E.g. Loading metres in a truck or trailer.
161		associatedInvoiceAmount	Type: AmountType	0..1	The commercial value of the cargo.
162		declaredValueForCustoms	Type: AmountType	0..1	The monetary value declared for customs purposes for this transport cargo.
163		totalPackageQuantity	Type: QuantityType	0..1	Total number of logistic units (e.g. pallets) in this transport cargo.
164		totalItemQuantity	Type: QuantityType	0..1	The number of trade items on which freight charges may be calculated for this transport cargo
165		plannedPickUp	Type: LogisticEventType	0..1	Details on the planned collection of the consignment.
166		logisticEventTypeCode	Type: LogisticEventTypeCodeType	0..1	Code specifying the type of logistic event. Example: Customs clearance. Will not be used.
167		logisticEventDuration	Type: TimeMeasurementType	0..1	Measurement value specifying the duration of the logistic event. Will not be used.
168		logisticLocation	Type: LogisticLocationType	0..1	The location where the logistic event occurs.
169		unLocationCode	Type: UNLocationCodeType	0..1	UNLOCODE is a geographic coding scheme maintained by UN/ECE for locations used in trade and transport with functions such as seaports, rail and road terminals, airports, post offices and border crossing points.
170		ghn	Type: GLNType	0..1	The GS1 global location number (GLN) of this logistic location.
171		additionalLocationIdentification	Type: IdentifierType	0..n	Identification of a location by use of a code other than the Global Location Number.
172		sublocationIdentification	Type: restricted string	0..1	Text further specifying the exact logistic location. For example: dock door, department, building.
173		locationName	Type: restricted string	0..1	The name of this logistic location.
174		locationSpecificInstructions	Type: Description200Type	0..1	Instructions related to the pick-up or drop-off of goods at this location.
175		utcOffset	Type: float	0..1	Numeric value specifying the time zone of the location as offset from the Coordinated Universal Time (UTC).
176		address	Type: AddressType (see line 61)	0..1	Address details of this logistic location.

177		contact	Type: ContactType (see line 78)	0..n	Person or department that can be contacted at this logistic location.
178		regularOperatingHours	Type: OperatingHoursType	0..n	The period during which a business or facility is operational on a weekday.
179		dayOfTheWeekCode	Type: DayOfTheWeekEnumerationType	1	Code specifying the day of the week to which the operating hours apply.
180		isOperational	Type: boolean	1	Indicator specifying whether or not the business or facility is operational on the specified day.
181		closingTime	Type: time	0..1	Time on which the business or facility closes on the specified day.
182		openingTime	Type: time	0..1	Time on which the business or facility opens on the specified day.
183		specialOperatingHours	Type: SpecialOperatingHoursType	0..n	The period during which the location is operational on special days, such as holidays.
184		isOperational	Type: boolean	1	Indicator specifying whether or not the business or facility is operational on the specified day.
185		specialDate	Type: date	1	Date specifying the day to which the special operating hours apply.
186		closingTime	Type: time	0..1	Time on which the business or facility closes on the specified day.
187		openingTime	Type: time	0..1	Time on which the business or facility opens on the specified day.
188		specialDateName	Type: Description80Type	0..1	Text describing the day to which the special operating hours apply. Example: Christmas.
189		logisticEventPeriod	Type: DateTimeRangeType	0..1	The timeframe during which the logistic event occurs.
190		beginDate	Type: date	0..1	Date specifying the first day for the date time range.
191		BeginTime	Type: time	0..1	Time specifying the start time for the date time range.
192		endDate	Type: date	0..1	Date specifying the last day for the date time range.
193		endTime	Type: time	0..1	Time specifying the end time for the date time range.
194		logisticEventDateTime	Type: DateOptionalTimeType	0..1	The date and time on which the logistic event occurs.
195		date	Type: date	1	The specification of a day as calendar date.
196		time	Type: time	0..1	The specification of a point in time during the day.
197		plannedDropOff	Type: LogisticEventType (see line 165)	0..1	Details on the planned delivery of the consignment.
198		transportInstructionTransportMovement	Type: TransportInstructionTransportMovementType	1..n	The transport movement details for this consignment.
199		sequenceNumber	Type: positiveInteger	1	Unique number identifying the sequence of this transport movement with respect to the other specified movements.
200		transportModeTypeCode	Type: TransportModeCodeType	1	Code specifying the transportation mode used for this transport movement.
201		routeID	Type: IdentifierType	0..1	Unique identifier of the standard route that will be used for this transport movement.
202		carrier	Type: TransactionalPartyType (see line 58)	0..1	A party that physically transports goods from one place to another.
203		transportStatusResponsibleParty	Type: TransactionalPartyType (see line 58)	0..1	Party in charge of collecting and forwarding the information about the transport movement.
204		transportMeans	Type: TransportMeansType	0..1	The type of vehicle, aircraft, vessel or other device used for the transport of goods in this transport movement.
205		transportMeansType	Type: TransportMeansTypeCodeType	1	Code specifying the type of vehicle, aircraft, vessel or other device used for the transport of goods.
206		transportMeansID	Type: TransportMeansIdentifierType	0..1	The unique identifier of a particular means of transport. E.g. A license plate number or vessel id.
207		transportMeansName	Type: restricted string	0..1	The name, expressed as text, of a particular means of transport. E.g. The vessel name.
208		communicationChannel	Type: CommunicationChannelType (see line 205)	0..n	The channel or manner in which a communication can be made with the transport means. E.g. telephone or email.
209		plannedDeparture	Type: LogisticEventType (see line 165)	0..1	Details on the planned departure of the transport means.
210		plannedArrival	Type: LogisticEventType (see line 165)	0..1	Details on the planned arrival of the transport means.
211		plannedWaypoint	Type: LogisticEventType (see line 165)	0..n	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, ...
212		associatedPerson	Type: PersonType	0..n	The name and/or identification of an individual associated with this transport movement.
221		personName	Type: string	1	Text used to identify the person, such as the family name and given name.
222		dateOfBirth	Type: date	0..1	Calendar date on which the person was born.
223		gender	Type: GenderEnumerationType	0..1	Code specifying the sex of the person.
224		nationality	Type: CountryCodeType	0..n	Code specifying the nation the person belongs to by birth or naturalization.
225		identityDocument	Type: IdentityDocumentType	0..n	An identity document is any document which may be used to verify aspects of a person's personal identity or of a person's relationship with an organisation. If issued in the form of a small, mostly standard-sized card, it is usually called an identity card (IC).
226		identityDocumentNumber	Type: string	1	Unique identifier in this identity document, intended to identify a particular person.
227		identityDocumentType	Type: IdentityDocumentTypeCodeType	1	Code specifying the type of identity document.

228		identityDocumentIssuer	Type: string	0..1	Text specifying the issuer of the identity document.
229		deliveryTerms	Type: DeliveryTermsType	0..1	The applicable legal, customs, financial and insurance terms that have been agreed for the delivery of the consignment.
230		incotermsCode	Type: IncotermsCodeType	0..1	Code specifying the incoterms. Incoterms is an abbreviation for International Commercial Terms. The International Chamber of Commerce manages the Incoterms codes and their definitions.
231		alternateDeliveryTermsCode	Type: CodeType	0..1	Code specifying the delivery terms according to a system other than the Incoterms.
232		deliveryInstructions	Description500Type	0..1	Instructions on the final delivery of the goods.
233		deliveryTermsLocation	Type: LogisticLocationType (see line 168)	0..1	Location that is applicable to these delivery terms, such as the Free On Board (FOB) destination location.
234		packageTotal	Type: PackageTotalType	0..n	Aggregate information per type of package contained in the consignment.
235		packageTypeCode	Type: PackageTypeCodeType	1	The code specifying the type of logistics package.
236		totalPackageQuantity	Type: positiveInteger	1	The total number of units of this package type.
237		totalGrossVolume	Type: MeasurementType	0..1	A measure of the gross volume normally calculated by multiplying the maximum length, width, and height of this package type.
238		totalGrossWeight	Type: MeasurementType	0..1	A measure of the gross weight (mass) of this package which includes the weight of packaging but which excludes the weight of any transport equipment.
239		returnablePackaging	Type: ReturnablePackagingType	0..n	Provides detailed information for the administration of returnable packaging.
240		packagingQuantity	Type: positiveInteger	1	The number of packaging units (that are returnable).
241		newHolderRegistration	Type: IdentifierType	0..1	Identification of the party the returnable packaging is being transferred to.
242		currentHolderRegistration	Type: IdentifierType	0..1	Identification of the current administrative holder of the returnable packaging.
243		returnableAssetIdentification	Type: ReturnableassetIdentificationType	1	Information used to identify the returnable packaging.
244		grai	Type: GRAIType	1	Global Returnable Asset Identifier (GRAI), the GS1 key used for the identification of returnable assets.
245		additionalReturnableAssetIdentification	Type: AdditionalReturnableassetIdentificationType	0..n	The additional identification key used to identify returnable assets.
246		containedShipmentReference	Type: ShipmentIdentificationType	0..n	Information used to identify a shipment.
247		gsin	Type: GSINType	1	Global Shipment Identification Number (GSIN), the GS1 key used for the identification of shipments.
248		additionalShipmentIdentification	Type: AdditionalShipmentIdentificationType	0..n	Additional identification key used to identify a shipment.
249		transportReference	Type: TransportReferenceType	0..n	References to the commercial transaction or to transport or legal documents related to the consignment.
250		DocumentReferenceType	Extention base	1	
251		EntityIdentificationType	Extention base: EntityIdentificationType (see line 52)	1	
252		creationDateTime	Type: dateTime	0..1	Date and time of creation of the referenced document.
253		lineItemNumber	Type: nonNegativeInteger	0..1	Number specifying a line in the referenced document.
254		transportReferenceTypeCode	Type: TransportReferenceTypeCodeType	1	Code specifying the type of information that is being referred to.
255		handlingInstruction	Type: HandlingInstructionType	0..n	Instruction on the way to treat the goods during transport and storage.
256		handlingInstructionCode	Type: HandlingInstructionCodeType	0..1	Code specifying an instruction applicable to the transport or storage of goods.
257		handlingInstructionText	Type: Description500Type	0..1	Free text instruction applicable to the transport or storage of goods.
258		printingInstructionCode	Type: PrintingInstructionCodeType	0..n	Code specifying the document on which the specified information needs to be printed.
259		storageTemperature	Type: TemperatureRangeType	0..1	The minimum and maximum temperature applicable to the storage of goods.
260		maximumTemperature	Type: TemperatureMeasurementType	0..1	Specifies the upper limit of the temperature range.
261		minimumTemperature	Type: TemperatureMeasurementType	0..1	Specifies the lower limit of the temperature range.
262		dangerousGoodsInformation	Type: DangerousGoodsInformationType	0..n	Hazardous instructions for this consignment, such as where or how specified packages or containers are to be handled because of restriction from dangerous goods.
263		dangerousGoodsUNIdentifier	Type: IdentifierType	1	Number to identify hazardous substances or articles, as defined by United Nations Committee of Experts on the Transport of Dangerous Goods.
264		dangerousGoodsShippingName	Type: Description200Type	1	Shipping name of the trade item (dangerous goods). Regulations provide a list of all acceptable proper shipping names.
265		dangerousGoodsTechnicalName	Type: Description200Type	0..1	A technical name provided for a hazardous good by an organisation or regulation
266		dangerousGoodsDescription	Type: Description1000Type	0..1	Description of the hazardous materials.
267		contact	Type: ContactType (see line 173)	0..n	A contact in relation to the handling of hazardous materials.

268		dangerousGoodsRegulationInformation	Type: DangerousGoodsRegulationInformationType	0..n	Hazardous instructions applicable to delivered goods according to a particular dangerous goods regulation.
269		dangerousGoodsRegulationCode	Type: DangerousGoodsRegulationCodeType	1	An indication of the classification system of dangerous goods and/or the Agency responsible for it.
270		dangerousGoodsRegulationName	Type: restricted string	0..1	The name of the classification system of dangerous goods and/or the Agency responsible for it.
271		dangerousGoodsHazardClass	Type: restricted string	1	The name of the class within the classification of hazardous materials for example Class A.
272		dangerousGoodsPackingGroup	Type: restricted string	0..1	Identifies the degree of risk these dangerous goods present during transport according to the specified regulation.
273		dangerousGoodsAttribute	Type: DangerousGoodsAttributeType	0..n	Hazardous instructions attribute details specific to a particular dangerous goods regulation.
274		dangerousGoodsAttributeTypeCode	Type: DangerousGoodsAttributeTypeCodeType	1	Code specifying the type of dangerous goods attribute.
275		dangerousGoodsAttributeText	Type: restricted string	0..1	Textual value of the dangerous goods attribute.
276		dangerousGoodsAttributeMeasurement	Type: MeasurementType	0..1	Provides measurement value and an associated unit of measure code.
277		dangerousGoodsAttributeIndicator	Type: boolean	0..1	Boolean value of the dangerous goods attribute.
278		dangerousGoodsAttributeDateTime	Type: dateTime	0..1	Date time value of the dangerous goods attribute.
279		includedTransportMeans	Type: TransportMeansType (see line 204)	0..n	Details on the transport means contained in the consignment, such as trucks being transported on a ferry.
280		includedTransportEquipment	Type: TransportInstructionTransportEquipmentType	0..n	Details on the transport equipment contained in the consignment.
281		TransportEquipmentType	Extention base		
282		transportEquipmentTypeCode	Type: CodeType	1	Code specifying the transport equipment size and type.
283		returnableAssetTypeIdentification	Type: ReturnableAssetIdentificationType	0..1	The returnable asset identifier for the type of transport equipment.
284		individualReturnableAssetIdentification	Type: ReturnableAssetIdentificationType	0..n	The returnable asset identifier for an individual piece of transport equipment.
285		individualAssetIdentification	Type: IndividualAssetIdentificationType	0..n	The individual asset identifier for an individual piece of transport equipment.
286		giai	Type: GIAIType	1	Global Individual Asset Identifier (GIAI), the GS1 key used for the identification of individual assets.
287		additionalIndividualAssetIdentification	Type: AdditionalIndividualAssetIdentificationType	0..n	Identifier of the asset, specified in addition to the GIAI.
288		transportEquipmentWeight	Type: MeasurementType	0..1	A measure of the mass of this type of transport equipment.
289		transportEquipmentProviderPartyRole	Type: TransportPartyRoleCodeType	0..1	The code specifying the role of the party responsible for supplying this piece of logistics transport equipment.
290		pickUpLocation	Type: LogisticLocationType (see line 168)	0..1	The physical location from where the equipment will be collected.
291		returnLocation	Type: LogisticLocationType (see line 168)	0..1	The physical location to where the equipment will be returned.
292		transportSeal	Type: TransportSealType	0..1	Details on the seal affixed to this piece of transport equipment.
293		sealIdentification	Type: IdentifierType	1	Provides the seal number or identification of the seal.
294		sealTypeCode	Type: SealTypeCodeType	1	A code identifying the type of seal used on the cargo
295		sealAffixingPartyRole	Type: TransportPartyRoleCodeType	0..1	The code specifying the role of the party responsible for the sealing of this transport seal.
296		sealConditionCode	Type: SealConditionCodeType	0..1	The code specifying the working condition of a seal. E.g. Damaged.
297		dimension	Type: DimensionType	0..1	The linear dimensions of this type of transport equipment.
298		depth	Type: MeasurementType	1	Measurement of the distance between the front and the back.
299		height	Type: MeasurementType	1	The vertical dimension from the lowest extremity to the highest extremity.
300		width	Type: MeasurementType	1	The measurement of the extent of something from side to side. Width is the measurement from left to right.
301		passengerInformation	Type: PassengerInformationType	0..n	Details on persons travelling together with the consignment, for example a guard.
302		numberOfPassengers	Type: positiveInteger	1	The number of persons being transported.
303		passengerCategoryCode	Type: PassengerCategoryCodeType	0..1	Code specifying the role, function or other main characteristic categorizing the type of passenger.
304		passengerTariffGroup	Description80Type	0..1	Text describing the tariff group of the transported passengers.
305		person	Type: PersonType (see line 212)	0..n	Information on the individual persons travelling as passengers.
306		transportInstructionConsignmentItem	Type: TransportInstructionConsignmentItemType	0..n	A line item included in this consignment of goods.
307		lineItemNumber	Type: positiveInteger	1	The sequence number for this consignment item.
308		note	Type: Description500Type	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.
309		transportCargoCharacteristics	Type: TransportCargoCharacteristicsType (see line 106)	1	Aggregate information on the goods that are included in this consignment item.
310		packageTotal	Type: PackageTotalType (see line 234)	0..n	Aggregate information per type of package included in the consignment item.

311		logisticUnit	Type: LogisticUnitType	0..n	Information on the logistic unit(s) included in the consignment item.
312		LogisticUnitIdentificationType	Extention base	1	
313		sscc	Type: SSCCType	1	Serial Shipping Container Code (SSCC),the GS1 key used for the identification of logistic units.
314		additionalLogisticUnitIdentification	Type: AdditionalLogisticUnitIdentificationType	0..n	Additional (non-SSCC) identification attached to a shipping container or shipping package and used for logistical and traceability purposes.
315		parentLogisticUnitId	Type: LogisticUnitType (see line 311)	0..1	Reference to the logistic unit that contains this logistic unit.
316		grossWeight	Type: MeasurementType	0..1	The weight of the logistic unit including packaging.
317		packageLevelCode	Type: PackageLevelCodeType	0..1	Code specifying the hierarchical level of this logistical unit within a consignment or shipment.
318		packageTypeCode	Type: PackageCodeType	0..1	Code specifying the type of logistic unit based on its primary packaging.
319		tradeltemQuantity	Type: QuantityType	0..1	The number of trade items contained in the logistic unit.
320		packagingMarking	Type: PackagingMarkingType	0..n	Details on the markings present on the packaging of the logistic unit.
321		markingTypeCode	Type: PackagingMarkingTypeCodeType	1	The code specifying the type of marking on the package for example batch number.
322		markingContentDateTime	Type: dateTime	0..1	The value as printed on the packaging, specified as date time value.
323		markingContentText	Type: restricted string	0..1	The value as printed on the packaging, specified as text.
324		referencedTransportEquipment	Type: TransportEquipmentType (see line 281)	0..1	Reference to the transport equipment that contains this logistic unit.
325		returnablePackaging	Type: ReturnablePackagingType (see line 239)	0..n	Details on the returnable packaging included in the logistic unit.
326		dimension	Type: DimensionType (see line 297)	0..1	The depth, height and width of the logistic unit.
327		referencedTransportEquipment	Type: TransportEquipmentType (see line 281)	0..n	Identification of the transport equipment that contains the consignment item.
328		transportReference	Type: TransportReferenceType (see line 249)	0..n	References to the commercial transaction or to transport or legal documents related to the consignment item.
329		handlingInstruction	Type: HandlingInstructionType (see line 255)	0..n	Handling instructions for the consignment item.
330		dangerousGoodsInformation	Type: DangerousGoodsInformationType (see line 262)	0..n	Hazardous instructions for this consignment item, such as where or how specified packages or containers are to be handled because of restriction from dangerous goods.
331		transportInstructionShipment	Type: TransportInstructionShipmentType	0..n	Provides the information on a shipment contained in this transport instruction.
332		ShipmentIdentificationType	Extention base: ShipmentIdentificationType (see line 246)	1	
333		parentShipmentID	Type: ShipmentIdentificationType (see line 246)	0..1	Information used to identify a shipment.
334		transportInstructionStatusCode	Type: TransportInstructionStatusEnumerationType	0..1	Code specifying the instruction status of this shipment.
335		transportInstructionStatusDescription	Type: Description70Type	0..1	Textual description of the instruction status of this shipment.
336		transportInstructionStatusReasonCode	Type: TransportInstructionStatusReasonCodeType	0..1	Code specifying the instruction status reason for this shipment.
337		note	Type: Description500Type	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.
338		receiver	Type: TransactionalPartyType (see line 58)	1	A party which engages in receiving this shipment of goods.
339		shipper	Type: TransactionalPartyType (see line 58)	1	A party which engages in shipping this shipment of goods
340		carrier	Type: TransactionalPartyType (see line 58)	0..1	A party that physically transports goods from one place to another.
341		notifyParty	Type: TransactionalPartyType (see line 58)	0..n	Identification of and additional information about a party involved in a business transaction, such as "order" or "invoice".
342		shipTo	Type: TransactionalPartyType (see line 58)	0..1	The physical location to where goods will be or have been shipped.
343		shipFrom	Type: TransactionalPartyType (see line 58)	0..1	The physical location from where goods will be or have been shipped.
344		importAgent	Type: TransactionalPartyType (see line 58)	0..1	Identification of and additional information about a party involved in a business transaction, such as "order" or "invoice".
345		exportAgent	Type: TransactionalInstructionTermsType (see line 137)	0..1	Identification of and additional information about a party involved in a business transaction, such as "order" or "invoice".
346		transportInstructionTerms	Type: TransactionalPartyType (see line 58)	1	Code specifying the service level requested for the transport service. For example: Express service.
347		transportCargoCharacteristics	Type: TransportCargoCharacteristicsType (see line 149)	1	Aggregate information on the goods that are contained in this shipment.
348		plannedDelivery	Type: LogisticEventType (see line 165)	1	Details on the planned delivery of the shipment.
349		plannedDespatch	Type: DeliveryTermsType (see line 229)	0..1	Details on the planned despatch of the shipment.
350		deliveryTerms	Type: LogisticEventType (see line 165)	0..1	The applicable legal, customs, financial and insurance terms that have been agreed for the delivery of the shipment
351		packageTotal	Type: PackageTotalType (see line 234)	0..n	Aggregate information per type of package contained in the shipment.

352		transportReference	Type: TransportReferenceType (see line 249)	0..n	References to the commercial transaction or to transport and legal documents related to the shipment.
353		handlingInstruction	Type: HandlingInstructionType (see line 255)	0..n	Instruction on the way to treat the goods during transport and storage.
354		dangerousGoodsInformation	Type: DangerousGoodsInformationType (see line 262)	0..n	Hazardous instructions for this shipment, such as where or how specified packages or containers are to be handled because of restriction from dangerous goods.
355		transportInstructionShipmentItem	Type: TransportInstructionShipmentItemType	0..n	A line item included in this shipment of goods.
356		lineItemNumber	Type: positiveInteger	1	The sequence number for this shipment item.
357		note	Type: Description500Type	0..1	A string of no more than 500 characters in a specified language.
358		logisticUnit	Type: LogisticUnitType (see line 311)	0..n	Information on the logistic unit(s) included in the shipment item.
359		transactionalTradeItem	Type: transactionalTradeItemType	0..n	Information on the trade item(s) included in the shipment item.
360		TradeItemIdentificationType	Extention base	1	
361		gtin	Type: GTINType	1	Global Trade Item Number (GTIN), the GS1 key used for the identification of trade items.
362		additionalTradeItemIdentification	Type: AdditionalTradeItemIdentificationType	0..n	Alternative means to the Global Trade Item Number to identify a trade item.
363		tradeItemQuantity	Type: QuantityType	0..1	Specification of the number of units of the trade item. To be applied when no other quantity information, such as the requested quantity or the billed quantity, is present.
364		tradeItemDescription	Type: Description200Type	0..1	Textual description of the trade item.
365		transactionalItemData	Type: TransactionalItemDataType	0..n	Dynamic characteristics used to specify individual instances of a trade item, such as the best before date, batch number or serial number.
366		availableForSaleDate	Type: data	0..1	Dynamic characteristics used to specify individual instances of a trade item, such as the best before date, batch number or serial number.
367		batchNumber	Type: string	0..1	A batch unites products or items that have undergone or are grouped together to undergo the same transformation process, not necessarily a production process.
368		bestBeforeDate	Type: date	0..1	The date before which the product is best used or consumed. It is a statement about quality.
369		countryOfOrigin	Type: CountryCodeType	0..1	Country from which the goods are supplied.
370		itemExpirationDate	Type: date	0..1	The date after which the product should not be used or consumed. Its meaning is determined based on the trade item context (e.g., for food, the date will indicate the possibility of a direct health risk resulting from use of the product after the date, for pharmaceutical products, it will indicate the possibility of an indirect health risk resulting from the ineffectiveness of the product after the date). It is often referred to as "use by date" or "maximum durability date."
371		lotNumber	Type: restricted string	0..1	A distinctive combination of numbers and/or letters from which the complete history of the manufacture, processing, packaging, coding and distribution of a batch can be determined.
372		packagingDate	Type: date	0..1	The date on which the packaging of a product took place.
373		productionDate	Type: date	0..1	The date that the product was produced.
374		productQualityIndication	Type: QuantityType	0..1	Value used to indicate the quality, such as grade or strength, of a specific batch of products.
375		sellByDate	Type: date	0..1	The date before or on which, the product should be sold.
376		serialNumber	Type: restricted string	0..n	A unique identifier assigned to a specific trade item.
377		shelfLife	Type: restricted string	0..1	The length of time a material, substance, product, or reagent can be stored under specified environmental conditions and continue to meet all applicable specification requirements and/or remain suitable for its intended function.
378		tradeItemQuantity	Type: QuantityType	0..1	The total number of individual trade items being specified.
379		transactionalItemWeight	Type: UnitMeasurementType	0..n	Weight is a measurement of the gravitational force acting on a transactional object.
380		serialNumberRange	Type: StringRangeType	0..n	The difference or interval between the minimum and maximum value of the serial numbers expressed as a string
381		maximumValue	Type: string	0..1	Specifies the upper limit of the string range.
382		minimumValue	Type: string	0..1	Specifies the lower limit of the string range.
383		colour	Type: ColourType	0..n	Information specifying the colour of the trade item.
384		colourCode	Type: ColourCodeType	0..1	A code depicting the colour of an object according to a specified list of code lists. Each

						industry needs to determine which code agency is will use.
385				colourDescription	Type: Description80Type	0..n A description of a colour of an object.
386				size	Type: SizeType	0..n The physical dimensions or proportions of the transactional trade item depicted as a code or a description.
387				descriptiveSize	Type: Description80Type	0..1 A description of the size of an object.
388				sizeCode	Type: SizeCodeType	0..1 Code specifying the size of an object and the size coding system being applied, for example L (buyer assigned).
389				transportCargoCharacteristics	Type: TransportCargoCharacteristicsType (see line 347)	0..1 Aggregate information on the goods that are included in this shipment item.
390				transportReference	Type: TransportReferenceType (see line 352)	0..n References to the commercial transaction or to transport or legal documents related to the shipment item.
391				packageTotal	Type: PackageTotalType (see line 351)	0..n Aggregate information per type of package included in the shipment item.
392				handlingInstruction	Type: HandlingInstructionType (see line 353)	0..n Handling instructions for the consignment item.
393				dangerousGoodsInformation	Type: DangerousGoodsInformationType (see line 262)	0..n Hazardous instructions for this shipment item, such as where or how specified packages or containers are to be handled because of restriction from dangerous goods.

2.2 Transport Instruction Response message structure and content

Table 3 provides an overview of the Transport Instruction message structure, and the message elements are defined in the same way as in section 2.1. Whenever an element is of the same type as defined for the Transport Instruction, a reference is made to the line number (#) in Table 2 in section 2.1.

Table 3 Transport Instruction Response message structure and content

#	Message elements	Data types, etc.	C	Description
396	transportInstructionResponseMessage	Type: TransportInstructionResponseMessageType	1	
397	StandardBusinessDocumentHeader	Type: StandardBusinessDocumentHeader (see line 3)	1	The UN/CEFACT standard, containing information about the routing and processing of the business document. It also identifies the message set that is sent together with on SBDH and the version number of the document(s) contained.
398	transportInstructionResponse	Type: TransportInstructionResponseType	1..n	The main objective of the Transport Instruction Response is to confirm the requested transport services and where needed provide additional information.
399	DocumentType	Extention base: DocumentType (see line 45)	1	
400	transportInstructionResponseIdentification	Type: EntityIdentificationType (see line 52)	1	The identification of the transport instruction response document.
401	responseType	Type: TransportInstructionResponseTypeEnumerationType	1	Code specifying the acceptance or non-acceptance of the services requested in the Transport Instruction.
402	logisticServicesSeller	Type: TransactionalPartyType (see line 58)	1	A party that provides logistics services to another party.
403	logisticServiceBuyer	Type: TransactionalPartyType (see line 58)	1	A party that purchases logistics services from another party.
404	billTo	Type: TransactionalPartyType (see line 58)	0..1	Identifies the party who will receive the invoice.
405	transportInstruction	Type: DocumentReferenceType (see line 250)	1	The identification of the referenced transport instruction.
406	transportInstructionConsignment	Type: TransportInstructionConsignmentType (see line 116)	0..n	Provides the information on a consignment contained in this transport instruction response.
407	transportInstructionShipment	Type: TransportInstructionShipmentType (see line 331)	0..n	Provides the information on a shipment contained in this transport instruction response.

2.3 Transport Instruction profiles

As described in chapter 1.3, a set of profiles has been defined based on the entire content of the GS1 Transport Instruction and Response standard [1]. By means of these profiles, sub-sets of the entire GS1 standard can be implemented in a way that arrange for interoperability.

Due to the aspects of shipments and consignments (see 5.1), META has defined three minimum sub-sets of the GS1 standard – i.e. three Core Profiles. Extension Profiles encompass in addition to all elements in a core profile also other information elements. META has defined Extension Profiles for use in case of transport of dangerous goods and in case of import and export (customs). In addition Extension Profiles with a broad set of information elements from the GS1 standard are defined for use if specific information elements are required. Table 4 provides an overview of the profiles, their profile codes and a short description of when they are to be used.

Table 4 Transport Instruction profiles

Profiles		Code	To be used when
Core Profiles	Core Shipment	CS	Only shipments are needed, and no need for extensive information elements.
	Core Consignment	CC	Only consignments are needed, and no need for extensive information elements.
	Core Shipment & Consignment	CSC	Both shipments and consignments are needed, and no need for extensive information elements.
Extension Profiles related to dangerous goods - DG	Shipment & DG	SDG	Only shipments are needed, and the shipments address dangerous goods.
	Consignment & DG	CDG	Only consignments are needed, and the consignments address dangerous goods.
	Shipment & Consignment & DG	SCDG	Both shipments and consignments are needed, and dangerous goods are addressed.
Extension Profiles related to customs –CU (import and export)	Shipment & Customs	SCU	Only shipments are needed, and import or export is addressed.
	Consignment & Customs	CCU	Only consignments are needed, and import or export is addressed.
	Shipment & Consignment & Customs	SCCU	Both shipments and consignments are needed, and import or export is addressed.
Extension Profiles with all relevant information elements	Full Shipment	FS	Only shipments are needed, and there is a need for an extensive set of information elements.
	Full Consignment	FC	Only consignments are needed, and there is a need for an extensive set of information elements.
	Full Shipment & Consignment	FSC	Both shipments and consignments are needed, and there is a need for an extensive set of information elements.

Section 5.4 describes how the profiles are identified in the message headings. In the scenario in section 4 the use of profiles for the different legs are indicated.

The profiles are defined by separate XSD schemas, and they can be downloaded together with this implementation guide.

3 Code lists and enumerations

Several of the data types in the Transport Instruction and Transport Instruction Response schemas are code lists and enumerations.

3.1 Code lists and enumerations identified by GS1

GS1 has identified most of the code lists and enumerations to be used, as listed in Table 5. Most of them are to be used as they are (indicated by "As is" in the "Use" column). Annex C defines some of the code lists or subsets to be used ("See ..." in the "Use" column). Annex C also defines modifications to existing code lists suggested by the META project ("Modified in ..." in the Use column).

Table 5 Use of code lists and enumerations defined by GS1

Data type	Code List/Enumeration	Defined where	Use
CargoTypeCodeType	CargoTypeCode	BMS eCom Common Library [7]	As is
CommunicationChannelCodeType	Communication Channel Code List	BMD GDSN Common [8]	As is
ContactTypeCodeType	ContactTypeCode	BMS Shared Common Library [9]	As is
CountryCodeType	CountryCode	ISO 3166-1 [10]	As is
DangerousGoodsRegulationCodeType	Dangerous Goods Regulation Code	BMS eCom Common Library [7]	As is
DayOfTheWeekEnumerationType	Day of the Week Enumeration	BMS Shared Common Library [9]	As is
DocumentActionEnumerationType	Document Action Enumeration	BMS Shared Common Library [9]	As is
DocumentStatusEnumerationType	Document Status Enumeration	BMS Shared Common Library [9]	As is
DutyFeeTaxTypeCodeType	DutyFeeTaxType Code	BMS eCom Common Library [7]	As is
FinancialRoutingNumberTypeCodeType	FinanceRoutingNumberTypeCode	BMS Shared Common Library [9]	As is
GenderEnumerationType	GenderEnumeration	BMS Shared Common Library [9]	As is
HandlingInstructionCodeType	HandlingInstructionCode	BMS eCom Common Library [7]	As is
HarmonizedSystemCodeType	HarmonizedSystemCode	WCO HS Nomenclature2007	See subset in C.1
IdentityDocumentTypeCodeType	IdentityDocumentTypeCode	BMS eCom Common Library [7]	As is
IncotermsCodeType	Incoterm Code	BMS Shared Common Library [9]	As is
LegalRegistrationCodeType	LegalRegistrationCode	BMS eCom Common Library [7]	As is
LogisticServiceRequirementCodeType	LogisticServiceRequirementCode	BMS eCom Common Library [7]	As is
PackageLevelCodeType	PackageLevelCode	BMS eCom Common Library [7]	As is
PackageTypeCodeType	PackageTypeCode	UN/ECE Rec. 21	See C.2
PackagingMarkingTypeCodeType	PackagingMarkingTypeCode	BMS eCom Common Library [7]	As is
PassengerCategoryCodeType	PassengerCategoryCode	BMS eCom Common Library [7]	As is
PrintingInstructionCodeType	PrintingInstructionCode	BMS eCom Common Library [7]	As is
SealConditionCodeType	SealConditionCode	BMS eCom Common Library [7]	As is
SealTypeCodeType	SealTypeCode	BMS eCom Common Library [7]	As is
TransportInstructionFunctionEnumerationType		BMS Transport Instruction and Response [1]	As is
TransportInstructionStatusEnumerationType		BMS Transport Instruction and Response [1]	As is
TransportInstructionStatusReasonCodeType	TransportInstructionStatusReasonCode	UN/ECE Rec. 24	See C.3
TransportMeansTypeCodeType	TransportMeansTypeCode	BMS eCom Common Library [7]	As is
TransportModeCodeType	TransportModeCode	BMS eCom Common Library [7]	As is
TransportPartyRoleCodeType	TransportPartyRoleCode	BMS eCom Common Library [7]	As is
TransportPaymentMethodCodeType	TransportPaymentMethodCode	BMS eCom Common Library [7]	As is
TransportReferenceTypeCodeType	TransportReferenceTypeCode	BMS eCom Common Library [7]	As is. See C.4
TransportServiceCategoryCodeType	TransportServiceCategoryCode	BMS eCom Common Library [7]	Modified in C.5
TransportServiceConditionTypeCodeType	TransportServiceConditionTypeCode	BMS eCom Common Library [7]	As is

TransportServiceLevelCodeType	TransportServiceLevelCode	BMS eCom Common Library [7]	Modified in C.6
UNLocationCodeType	UNLocationCode	UN/ECE Rec. 16 and UN/LOCODE	As is

3.2 Other code lists

A few code lists are not identified by GS1. In such cases the CodeType data type is used. This data type has attributes which further define the code list to be used. The attributes are described in the table below.

Table 6 Attributes of the CodeType data type

Attribute	Supplementary Components
codeDescription	A description of the code value provided
codeListAgencyCode	A code representing the agency responsible for the code list
codeListAgencyCodeListVersion	The version of the agency code list used
codeListAgencyName	The name of the agency responsible for the code list
codeListName	The name of the code list used
codeListURI	The URI of the code list
Code list version	The code list version

The recommendations of the META project are listed below.

Table 7 META recommendations

Data element of type CodeType	META recommendation
alternateDeliveryTermsCode	Incoterms is recommended.
TransportEquipmentTypeCode	UN/CEFACT 8053 Equipment type code qualifier

Logical part

This logical part of the implementation guide explains the use of the Transport Instruction messages by means of a scenario. In addition frequently asked questions are answered. Many of the answers related to the scenario, and XML examples are provided in order to demonstrate how the messages should be used.

4 Scenario

Cargo can be re-arranged in a number of ways from when it is sent from the (initial) shipper to the (final) receiver. It can be split into many consignments or it can be consolidated together with other shipments into a single consolidated consignment. From its origin to its destination the cargo can be transported through many different transport legs and distribution centres (for storage and further distribution), and different parties may be involved. Transport Instruction transactions are used to set up transport chain, and the scenario in this chapter illustrates an example that will be further discussed in chapter 5.

4.1 Transport chain

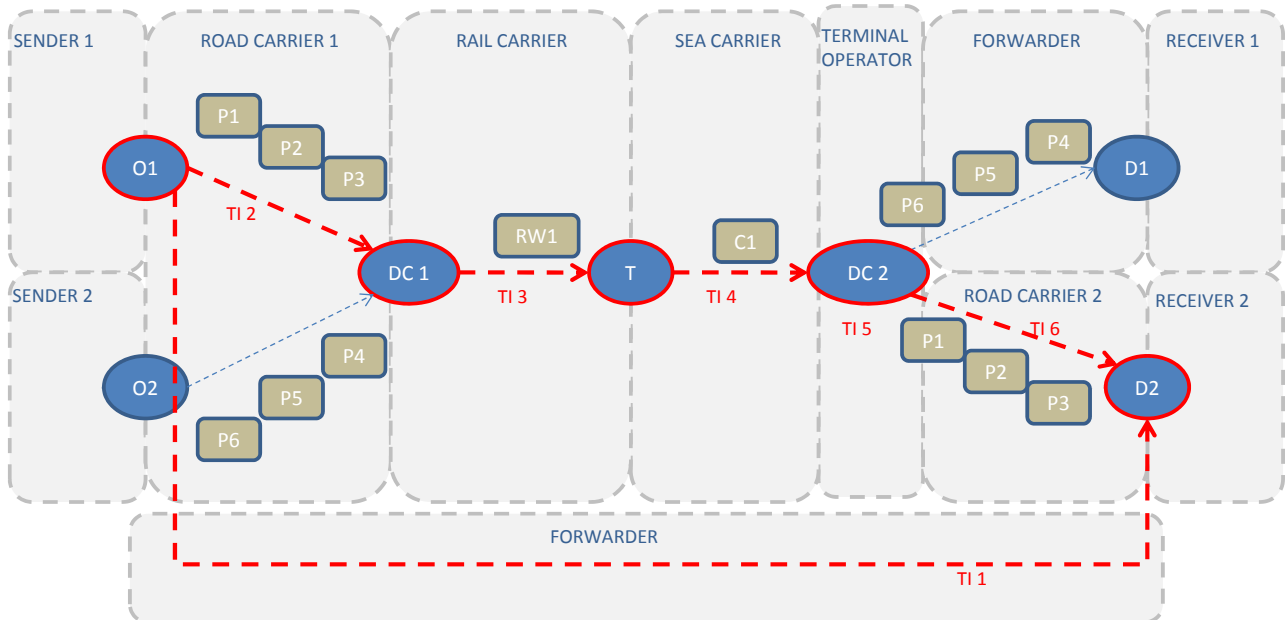


Figure 5 Scenario Transport Instructions: TI1 for door-to-door, and TI2 – TI6 for individual legs

The transport chain addressed is highlighted in red Figure 5. The chain is established by RECEIVER 2 and a FORWARDER:

1. RECEIVER 2 has a door-to-door transport demand and asks the FORWARDER to arrange the entire transport
 - a. Transport Instruction TI1 is sent from RECEIVER 2 to the FORWARDER to request a door-to-door transport of three pallets (P1-P3) from O1 (Munich, Germany) to D2 (Hamar, Norway).
2. The FORWARDER gets a transport request from RECEIVER 2 (pallets P1-P3) as well as from RECEIVER 1 (pallets P4-P6) destined for Norway. We will not go into the Transport Instruction of RECEIVER 1. However, FORWARDER will coordinate the transport chains of P1-P3 and P4-P6 to utilize resources,
 - a. Transport Instruction TI2 is sent from the FORWARDER to ROAD CARRIER 1 to request a transport from the locations of SENDER 1 in the Munich area to the FORWARDERS

- distribution centre (DC1) in Hamburg. ROAD CARRIER 1 will also get a similar request for P4-P6. The coordination of the road transport operations is however handled by ROAD CARRIER 1 and are not addressed here.
- b. Transport Instruction TI3 is sent from the FORWARDER to RAIL CARRIER to request that six pallets are loaded into a rail wagon and transported to the port terminal in Kiel (T).
 - c. Transport Instruction TI4 is sent from the FORWARDER to SEA CARRIER to request a consolidation of the six pallets in a container and transport of the container by sea from Kiel (T) to Oslo (DC 2).
 - d. Transport Instruction TI5 is sent from the FORWARDER to TERMINAL OPERATOR in Oslo (DC 2) to request a de-consolidation (break-bulk) service and a customs broking services (related to import) at the terminal in Oslo (DC2).
 - e. Transport Instruction TI6 is sent from the FORWARDER to ROAD CARRIER 2 to request transports the three pallets from Oslo (DC 2) to Hamar (D2) where they will be delivered to RECEIVER 2.

4.2 Shipments and IDs

The transport of the pallets is initiated by two shipments requests from RECEIVER1 and RECEIVER 2, as described in Table 8. The one from SENDER 1 to RECEIVER 2 is the focus of this scenario.

Table 8 Shipment descriptions

Element	Values for the shipment from SENDER 1 to RECEIVER 2 (the focus of this scenario)	Values for the shipment from SENDER 2 to RECEIVER 1
Shipper GLN Address Contact	SENDER 1 7365566156190 Putzbunnerstrasse 3, Munchen, DE Jens Klein, jens@supplier1.de , +4995556648	SENDER 2 - (not used) Torgauerstrasse 6, Munchen, DE Fredrich Dieter, fredrich@supplier2.de , +4995556648
Receiver GLN Address Contact	RECEIVER 2 7365566156191 Jølstadbakken 2, Hamar, NO Per Kristiansen, per@receiver2.no , +4792894444	RECEIVER 1 7365566156191 Krokvegen 4, Kongsvinger, NO Jan Paulsen, jan@receiver1.no , +4792224542
Planned Despatch Time	2011-08-01 10:00	2011-08-01 10:00
Planned Delivery Time	2011-08-08 16:00	2011-08-08 16:00
Logistics Units	SSCC: 123456789123456700 750 kg gross weight 120x80x120 cm 1.152 m ³ Pallet containing 50 packages of general cargo	SSCC: 123456789123456703 500 kg 120x80x100 cm 0.96 m ³ Pallet containing 20 packages of general cargo
Logistics Units	SSCC: 123456789123456701 750 kg gross weight 120x80x120 cm 1.152 m ³ Pallet containing 50 packages of general cargo	SSCC: 123456789123456704 500 kg 120x80x100 cm 0.96 m ³ Pallet containing 20 packages of general cargo
Logistics Units	SSCC: 123456789123456702 750 kg gross weight 120x80x120 cm 1.152 m ³ Pallet containing 50 packages of general cargo	SSCC: 123456789123456705 500 kg 120x80x100 cm 0.96 m ³ Pallet containing 20 packages of general cargo
Package Total	150	60
Cargo Type	12 (General Cargo)	12 (General Cargo)
Total Net Weight	2160 kg	1410 kg
Total Gross Weight	2250 kg	1500 kg
Total Gross Volume	3.4 m ³	2.88 m ³

4.3 Coordination towards customs

RECEIVER 2 has prior to the transport arranged for the customs declaration of the three pallets. The customs clearance is carried out independent of the scenario described above. However, the FORWARDER must be informed about the customs declaration and get a reference to the relevant documentation, and the FORWARDER also has to pass this information to the SEA CARRIER, whom is responsible for the actual transport into the country. (As an alternative, RECEIVER 2 may request a customs broking service from the TERMINAL OPERATOR in Oslo). More information on how to handle customs in Transport Instruction transactions can be found in section 5.22.

4.4 Transport Instruction transactions

The scenario and the related examples in Chapter 5 illustrate the following:

- The LSCs, in the scenario these are RECEIVER 2 and FORWARDER, request transport services from LSPs by means of Transport Instruction messages.
- The IDs of the pallets may be updated later if they are unknown when the first Transport Instruction (TI1) is sent from RECEIVER 2 to FORWARDER. The IDs are captured during the execution of the transport:
 - ROAD CARRIER 1 registers the IDs when the pallets are picked up, and the IDs are provided to the FORWARDER by means of a Transport Status transaction.
 - FORWARDER provides the IDs of the pallets to its LSC (RECEIVER 2) by means of a Transport Status transaction.
 - FORWARDER also provides the IDs of the pallets to its LSPs (ROAD CARRIER 1, RAIL CARRIER, SEA CARRIER, TERMINAL OPERATOR and ROAD CARRIER 2) by means of updates of the related Transport Instructions.
- Transport Status transactions will also report on deviations that may affect the execution of the transport chains. On reception of such status reports, the LSC may have to update the affected Transport Instructions. In the scenario ROAD CARRIER 1 is delayed, and Transport Instruction TI3 must be updated so that the cargo can be transported by another train. For more information on the use of the Transport Status transactions for provision of IDs and status reports, see the Transport Status Request and Notification Implementation guide [4].

As described above, the FORWARDER will arrange the entire transport on behalf of RECEIVER 2. Thus, the first Transport Instruction (TI1) initiated by RECEIVER 2 is the complete door-to-door transport. The FORWARDER will define the transport chain and request all the required services in separate Transport Instructions (TI2 – TI6).

Transport Instruction TI1 will contain just a shipment (see 5.1) as RECEIVER 2 does not bother about the transport execution details (transport equipment, movement, etc.). It is assumed that the FORWARDER will take care of such details. Transport Instruction TI2 – TI6 contain consignments since the LSC, in this case the FORWARDER, will influence on the transport execution details. Shipment details are required in TI4 and TI5 since these Transport Instructions address consolidation and de-consolidation.

Table 9 provides an overview of the Transport Instructions transactions; the LSCs and LSPs involved; the services that are requested at and between the different locations; the associated transactions (Transport Instruction as well as Transport Status transactions); the profiles to be used (the need for shipments and consignments influences on the use of profiles - see profile codes in section 2.1); and the sub-scenarios that should be consulted for further information (these are described as answers to frequently asked questions in Chapter 5).

Table 9 Transport Instructions related to the transport chain example

Transport Instruction	LSC and LSP	Service description and locations	Transactions involved	Profile	Sub-scenarios
T11 Shipment	LSC: RECEIVER 2 LSP: FORWARDER	International door-to-door transport From SENDER1 in Munich (O1) To RECEIVER 2 in Hamar (D2)	Transport Instruction T11 for door-to-door that involves import.	SCU	Transport service request – Door-to-door import: See 5.6 .
T12 Consignment	LSC: FORWARDER LSP: ROAD CARRIER 1	Road transport service From SENDER 1 (O1) To the FORWARDER's distribution centre (DC 1) in Hamburg.	Transport Instruction T12 for road transport Transport Status TS1 from ROAD CARRIER 1 to FORWARDER with IDs. Transport Status TS2 from ROAD CARRIER 1 to FORWARDER reports about a delay.	CC	Transport service request – Domestic road transport: See 5.7 See the Transport Status Request and Notification Implementation guide for sub-scenarios on TS2.
T13 Consignment	LSC: FORWARDER LSP: RAIL CARRIER	Rail transport service From FORWARDER's distribution centre (DC) in Hamburg To SEA CARRIER's terminal in port of Kiel (T)	Transport Instruction T13 for rail transport T13 update triggered by TS1 with pallet IDs. T13 update triggered by TS2 with delay information. The pallets have to be transported by another train.	CC	Transport service request – Domestic rail transport: See 5.8 Transport Instruction update (pallet IDs): See 5.16. Transport Instruction update (new time schedule): See 5.17.5.16.
T14 Consignment	LSC: FORWARDER LSP:SEA CARRIER	Consolidation service In SEA CARRIER's terminal in port of Kiel (T) Sea transport service From SEA CARRIER's terminal in Kiel (T) To TERMINAL OPERATOR in Oslo (DC 2)	Transport Instruction T14 for consolidation and sea transport. T14 update triggered by TS1 with pallet IDs. Even though the previous railway leg (T13) is delayed, the pallets do arrive to the port of Kiel in time for the ship departure. So it is not necessary to update T14.	SCCU	Transport service request – Consolidation and sea transport: See 5.10 (request) and 5.12 (response) Transport booking update (pallet IDs): See 5.16.
T15 Consignment	LSC: FORWARDER LSP: TERMINAL OPERATOR	De-consolidation service In TERMINAL OPERATOR's port terminal in Oslo (DC 2)	Transport Instruction T15 for de-consolidation. T15 update triggered by TS1 with pallet IDs.	SCCU	Transport service request – De-consolidation: See 5.11 Transport booking update (pallet IDs): See 5.16.
T16 Consignment	LSC: FORWARDER LSP: ROAD CARRIER 2	Road transport service From TERMINAL OPERATOR's port terminal in Oslo (DC 2) To RECEIVER 2 in Hamar (D2)	Transport Instruction for road transport. T16 update triggered by TS1 with pallet IDs.	CC	Transport service request – domestic road transport: See 5.7 Transport booking update (pallet IDs): See 5.16.

5 Frequently asked questions

Based on the Transport Instruction Request and Transport Instruction message schemas, this chapter provides answers to questions and relevant examples. Some of the examples are related to the scenario in chapter 4. The entire XSD schemas can be accessed through the Web pages of GS1 [6]. For general description of the information elements, please consult Chapter 2.

5.1 How to use shipments and consignments?

Transport Instruction and Transport Instruction Response messages may include shipment structures and consignment structures. As illustrated by Figure 6 shipments are related to commercial transactions and the trade items to be transported; and consignments are related to logistics service transactions and contain information about the route and the transport movement. The trade item information in the consignment structure is only at an aggregated level.

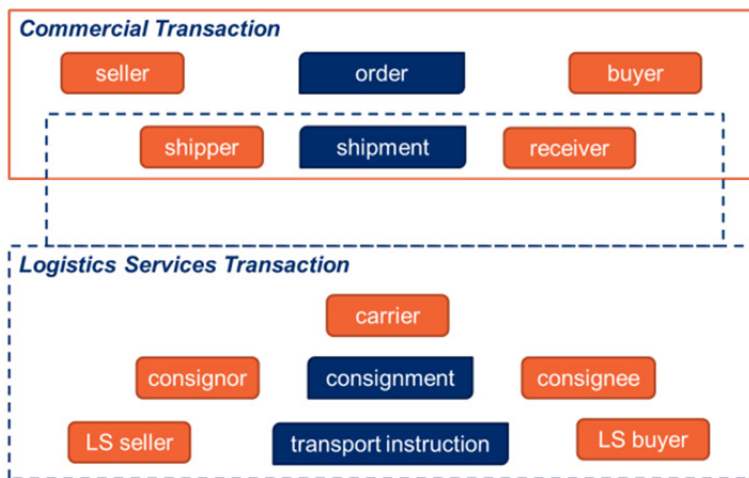


Figure 6 Shipments vs. consignments [11]

Only the shipment structure should be used when

- The LSC does not want to or cannot specify the transport execution details (transport equipment, movement, etc.). It is assumed that the LSP will take care of the execution details. (The shipment may however refer to equipment such as containers.)

Only the consignment structure should be used when

- The LSC wants to specify the transport execution details and the shipment details are not required and there is no need for provision of the shipment details.
- Container seals are to be specified

Both the shipment and consignment structures are used if

- The transport instruction includes consolidations, de-consolidation, break-bulk and cross-docking. Information about the consignment structure is required – and this includes information on shipments (e.g. product codes).
- Consignment is needed, but the LSC wants to specify the shipment details.

5.2 How to arrange for status reporting with measurements?

The Transport Instruction transaction belongs to a family of transactions which also includes the Transport Status transaction for provision of status information related to consignments, shipments, logistic units, transport means and transport equipment. However, for certain types of status information there are some limitations:

- Statuses on consignments, shipments and logistic units have to be reported by means of pre-defined status codes, as specified by the Transport Status Notification schema (for details, see the Transport Status Request and Notification implementation guide). Actual measurements (e.g. temperature) cannot be provided.
- Statuses with measurements (provided as a value and associated measurement unit or code) can only be reported for transport equipment or transport means.

This implies that pallets equipped with sensors should be registered as transport equipment. In the XML examples provided in the other sections of this chapter, the pallets are registered as logistic units and not as transport equipment. Thus, there can be no status reports with measurements associated to the pallets. The example in Figure 7 illustrates a solution.

To arrange for status reports with measurements, the following must be done in the `transportInstructionConsignments`:

- Each pallet is assigned an identifier (grai or giai).
- `includedTransportEquipment` is defined for each pallet which also is to be considered as transport equipment, and the grai is provided.
- `transportInstructionConsignmentItem` will contain a `logisticUnit` element for each pallet. To draw the link between the pallet as logistic unit and the same pallet as transport equipment, a `referencedTransportEquipment` element is added, and it will contain the grai.

`transportInstructionShipments` are handled in a similar way:

- `transportInstructionShipmentItem` will contain `logisticUnit` elements and a `referencedTransportEquipment` element with the grai.

```

    <sh:StandardBusinessDocumentHeader HeaderVersion0
    <transportInstruction 2006-05-04T18:13:51.0Z
      <creationDateTime 2006-05-04T18:13:51.0Z
      <documentStatusCode ORIGINAL
      <documentActionCode ADD
      <transportInstructionIdentification entityIdentification0
      <transportInstructionFunction CONSIGNMENT
      <logisticServicesSeller 0000000000000
      <logisticServicesBuyer 0000000000000
      <transportInstructionConsignment ginc0
        <ginc ginc0
          <consignor 0000000000000
          <consignee 0000000000000
          <transportInstructionTerms transportServiceCategoryType0
          <transportCargoCharacteristics cargoTypeCode0
          <transportInstructionTransportMovement 1
          <includedTransportEquipment PA
            <transportEquipmentTypeCode PA
            <returnableAssetTypeIdentification 12345678950000
              <grai 12345678950000
          <transportInstructionConsignmentItem 1
            <lineItemNumber 1
            <transportCargoCharacteristics cargoTypeCode1
            <logisticUnit 123456789123456700
              <sscc 123456789123456700
              <grossWeight "KGM" 750
              <referencedTransportEquipment PA
                <transportEquipmentTypeCode PA
                <returnableAssetTypeIdentification 12345678950000
                  <grai 12345678950000
              <dimension 1.2
              <referencedTransportEquipment PA
                <transportEquipmentTypeCode PA
                <returnableAssetTypeIdentification 12345678950000
                  <grai 12345678950000

```

Figure 7: Pallets as transport equipment

5.3 How to understand the parties involved?

A Transport Instruction may refer to many parties, and they are addressed in different ways depending on whether they are mentioned in a Shipment or a Consignment (see 5.1), as listed in Table 10.

Table 10 Parties in the Transport Instruction

Transport Instruction part	Party and cardinality	Description
TransportInstruction (i.e. common to Shipments and Consignments)	logisticsServiceSeller (1)	Provider of the logistics service (LSP)
	logisticsServiceBuyer (1)	Buyer of the logistics service (LSC)
	billTo (0..1)	Whom the bill should be sent, if not logisticsServiceBuyer
transportInstruction Consignment	consignor (1)	The provider of the cargo to the leg addressed by the consignment
	consignee (1)	The receiver of the cargo from the leg addressed by the consignment
	notifyParty (0..n)	Whom the status reports and other reports should be provided to, if not the logisticsServiceBuyer
	pickUpParty (0..1)	Provider of the cargo at the pick-up location. Operates on behalf of the consignor, e.g. a specific contact person
	dropOffParty (0..1)	Receiver of the cargo at the drop-off location. Operates on behalf of the consignee, e.g. a specific contact person
	exportAgent (0..1)	Handler of the export in case of border crossings
	importAgent (0..1)	Handler of the import in case of border crossings
	carrier (0..1)	Carries out the transport, in case of transport
	transportStatusResponsibleParty (0..1)	Responsible for status reporting, if this is not done by the logisticsServiceSeller.
transportInstruction Shipment	shipper (1)	Original shipper of the cargo
	receiver (1)	Final recipient of the cargo
	notifyParty (0..n)	Whom the status reports and other reports should be provided to, if not the logisticsServiceBuyer
	shipTo (0..1)	Receiver of the cargo at the drop-off location. Operates on behalf of the receiver, e.g. a specific contact person
	shipFrom (0..1)	Provider of the cargo at the pick-up location. Operates on behalf of the shipper, e.g. a specific contact person
	exportAgent (0..1)	Handler of the export in case of border crossings
	importAgent (0..1)	Handler of the import in case of border crossings
	carrier (0..1)	Carries out the transport, in case of transport

Error! Reference source not found. illustrates the use of the terms shipper/receiver and consignor/consignee, and Table 11 shows parties related to the scenario in chapter 4.

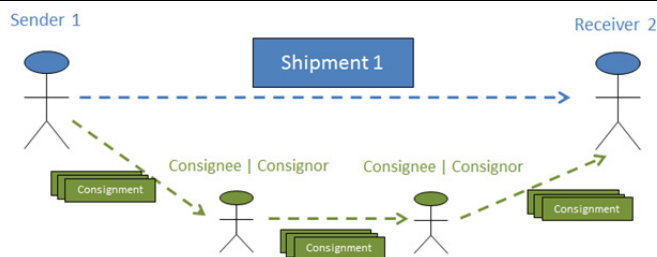


Figure 8: Sender, Receiver, Consignor and Consignee

Table 11 Parties involved in the Transport Instructions

Transport Instruction	Shipper	Receiver	Consignor	Consignee	Pick-up Party	Drop-off Party	Carrier
T11 (shipment)	SENDER 1	RECEIVER 2					
T12 (consignment)			SENDER 1	FORWARDER	SENDER 1	FORWARDER	ROAD CARRIER 1
T13 (consignment)			FORWARDER	SEA CARRIER	FORWARDER	SEA CARRIER	RAIL CARRIER
T14 (consignment)			RAIL CARRIER	TERMINAL OPERATOR	RAIL CARRIER	TERMINAL OPERATOR	SEA CARRIER
T15 (consignment)			SEA CARRIER	ROAD CARRIER 2	SEA CARRIER	ROAD CARRIER 2	-
T16 (consignment)			TERMINAL OPERATOR	RECEIVER 2	TERMINAL OPERATOR	RECEIVER 2	ROAD CARRIER 2

5.4 How to use profiles?

On reception of a Transport Instruction Request, the LSP will identify the profile used by the LSC in the BusinessScope part of the message header. The Type element identifies the profile.

```

transport_instruction:transportInstructionMessage "http://www.w:
└─ sh:StandardBusinessDocumentHeader 1.0
   └─ sh:HeaderVersion 1.0
      └─ sh:Sender 7365566156191
         └─ sh:Receiver 4098765000012
            └─ sh:DocumentIdentification GS1
               └─ sh:BusinessScope
                  └─ sh:Scope CS
                     └─ sh:Type CS
                        └─ sh:InstanceIdentifier
                           └─ transportInstruction 2011-07-25T13:00:00.000+01:00

```

Figure 9 Profile identification in the message header

If the LSP can support the profile suggested by the LSC, the transaction will continue. If the LSP cannot support the profile, the request will have to be rejected. This is done by a responseType set to FULLY REJECTED, as described in section 5.5.2. An alternative profile may be suggested in the response message by means of the elements in the BusinessScope part of the message header.

The relevant profiles are identified and described in section 2.3. Table 12 provides the associated values to the XML Type element to be used in Transport Instructions and Transport Instruction Response messages.

Table 12 Type element values to be used in the profiles

Profile groups	Type XML element value
Core Profiles	CS
	CC
	CSC
Extension Profiles related to dangerous goods	SDG
	CDG
	SCDG
Extension Profiles related to customs	SCU
	CCU
	SCCU
Extension Profiles all information	FS
	FC
	FSC

5.5 How to do the Transport Instruction choreography?



Figure 10 Some of the codes and identifiers used in transaction management

In a Transport Instruction transaction, a `TransportInstructionMessage` with one or more `TransportInstruction` message parts is sent from the LSC to the LSP, and the LSP will respond by sending a `TransportInstructionResponseMessage` with one or more `TransportInstructionResponse` message parts. Figure 10 depicts the messages and message parts that are of relevance to the choreography, i.e. the dialogue between the LSC and the LSP. It is controlled by means of unique identifiers (indicated by red ink) and by status indicators (indicated by blue ink).

5.5.1 Identifiers

The identifiers are indicated by red ink in Figure 10:

Identifier at message level are:

- `InstanceIdentifier` in the `DocumentIdentification` part of the `StandardBusinessDocument-Header`. It will be updated every time a new `Transport Instruction` message or a new `Transport Instruction Response` message is sent.
- `CreationDateAndTime` in the `DocumentIdentification` part of the `StandardBusinessDocument-Header`. This is the date and time when the message is sent.

Profile identifiers are (see details in section 5.4)

- `Type` in the `Business Scope` part of the `StandardBusinessDocumentHeader` identifies the profile used.

Identifiers at the transport instruction and transport instruction response levels are:

- `entityIdentification` will together with the `creationDateTime` and `lastUpdateDateTime` identify the specific versions of the `Transport Instructions` or `Transport Instruction Responses` in a unique way. The `entityIdentification` will be equal in `TransportInstructions` and `TransportInstructionResponses` concerning the same logistics service request/response, also in updates of previous information content.

- `creationDateTime` defines the date and time for the first creation of the Transport Instructions or Transport Instruction Responses with the `entityIdentification`.
- `lastUpdateDateTime` is used in case of updates and defines the date and time of the previous Transport Instruction (i.e. the `CreationDateAndTime` in the header of the previous message).
- The `TransportInstructionResponse` also has a `TransportInstruction` element with an `entityIdentification` which refers back to the associated Transport Instruction.

5.5.2 Status indicators

The status indicators are indicated by blue ink in Figure 10.

`documentStatusCode` indicates the status of the `TransportInstruction` or `TransportInstructionResponse` with respect to originality. Permitted values are:

- **ADDITIONAL TRANSMISSION** – to indicate that information content is a copy of information sent by other communication channels (e.g. paper, fax, etc.)
- **COPY** – to indicate a confirmation or re-sending of information sent previously
- **ORIGINAL** - to indicate that the information content is the original

In an electronic supply chain the **ORIGINAL** value should be used in most cases.

`documentActionCode` indicates the status of a `TransportInstruction` sent by a LSC and the required action to be performed by the LSP. The following values may be used:

- **ADD** – to indicate that the `TransportInstruction` is a new initiative or an update of an initiative (a new version) that so far is not agreed upon (i.e. the information should be added to information repository of the LSP).
- **CHANGE BY REFRESH** – to indicate that the `TransportInstruction` is an update of a `Transport Instruction` that the LSC and LSP have agreed upon, i.e. it may contain changes or new aspects, and the LSP should register the changes. The `transportInstructionStatusCode` (see below) in the consignment and shipment parts will identify where the changes and or updates are done.
- **DELETE** - to indicate that the `TransportInstruction` is cancelled and should be deleted.

`responseType` in the `Transport Instruction Response` is set by the LSP to indicate the degree of acceptance of the `TransportInstruction` provided by the LSC. The `responseType` may have the following values

- **FULLY ACCEPTED** - to indicate the acceptance of a `Transport Instruction` or parts of a `TransportInstruction` (i.e. some of the shipments or consignments) sent by the LSC. The consignment and shipment parts are not modified or rejected and are not included in the `TransportInstructionResponse` message.
- **PARTIALLY ACCEPTED** - to indicate that the LSP has just partially accepted the `Transport Instruction` sent by the LSC. One or more of the consignments or shipments are modified or rejected. These consignments and shipments are included into the `TransportInstructionResponse` message, and their `transportInstructionStatusCode` is set to **REJECTED** or **MODIFIED**.
- **FULLY ACCEPTED WITH AMENDMENT** – to indicate that the LSP can handle all the consignments and shipments described in the `Transport Instruction`, but has suggested amendments in some parts of the shipment or consignment information. The consignments and shipments that are amended are included into the `TransportInstructionResponse` message, and their `transportInstructionStatusCode` is set to **MODIFIED**
- **FULLY REJECTED** – to indicate that the LSP cannot handle any of the shipments or consignments or the request has to be rejected for other reasons. The consignment and shipment do not have to be included in the `TransportInstructionResponse` message, however if the reason is to be provided they must be included.

`transportInstructionStatusCode` may be used in both `TransportInstructions` and `TransportInstructionResponses`. In `TransportInstructions` with `documentActionCode` (see above) set to **CHANGE BY REFRESH**, the `transportInstructionStatusCode` is used in the shipments and consignments with amendments.

In a `TransportInstructionResponses` with `responseType` (see above) set to `PARTIALLY ACCEPTED` or `FULLY ACCEPTED WITH AMENDMENT`, the `transportInstructionStatusCode` is used in the affected shipments and consignments. The `transportInstructionStatusCode` indicates the status of shipments or consignments by means of the following values:

- `MODIFIED` – to indicate that the shipment or consignment definition is modified
- `REJECTED` – to indicate that the shipment or consignment cannot be handled
- `CONFIRMED` – to indicate that the requested shipment or consignment will be handled as requested.

Consignment and shipment parts with `transportInstructionStatusCode` set to `MODIFIED` or `REJECTED` may also contain a `transportInstructionStatusReasonCode` and `transportInstructionStatusReasonDescription` to provide additional detail related to the partial acceptance.

Note that a shipment or a consignment may contain several `transportInstructionShipmentItems` or `transportInstructionConsignmentsItems`, and a `transportInstructionStatusCode` set to `MODIFIED` means that one or more (but not necessarily all) items are changed. The `LineItemNumbers` will indicate which items that are modified.

5.5.3 Realisation

The exchange of Transport Instruction and Transport Instruction Response messages may be repeated as many times as required until both parties can agree upon the transport instructions or until they decide that they cannot agree. Also after an agreement is reached, changes may be initiated by the LSC by means of new transaction. Note however that the LSP cannot suggest any changes to the transport instruction once it is agreed upon. Information about delays and other problems has to be provided by means of the Transport Status Notification message.

In case of updates initiated by the LSC, the messages in the new transactions will have:

- New `InstanceIdentifier` values in the `DocumentIdentification` in `StandardBusinessDocumentHeader`.
- The same `entityIdentification` values in the `transportInstructionIdentification` in `TransportInstruction` and in the `transportInstructionResponseIdentification` in `TransportInstructionResponses`.
- A `creationDateTime` and a `lastUpdateDateTime` which identify the specific version.
- A `documentActionCode` set to `CHANGE BY REFRESH`.

In Figure 11 two state machines, one for the LSC and one for the LSP, illustrates how the Transport Instruction transaction is to be executed dependent on the status indicators. `ResponseType` is the `responseType` element of the Transport Instruction Response. `ActionCode` is the `documentActionCode` in the Transport Instruction.

The state machines terminate when the transport is terminated according to plan, but may also terminate for other reasons.

- If `ResponseType PARTIALLY ACCEPTED` is sent from LSP to LSC. The state machine of the LSP terminates. The LSC will provide a new Transport Instruction that may suggest modifications or a termination (`ActionCode DELETE`).
- If `ResponseType FULLY REJECTED` is sent from LSP to LSC (can only be used before agreement)
- If `ActionCode DELETE` is sent from LSC to LSP. If sent after agreement, termination must be done according to contract. If there is an on-going transport, the termination must be handled in collaboration with the LSP.

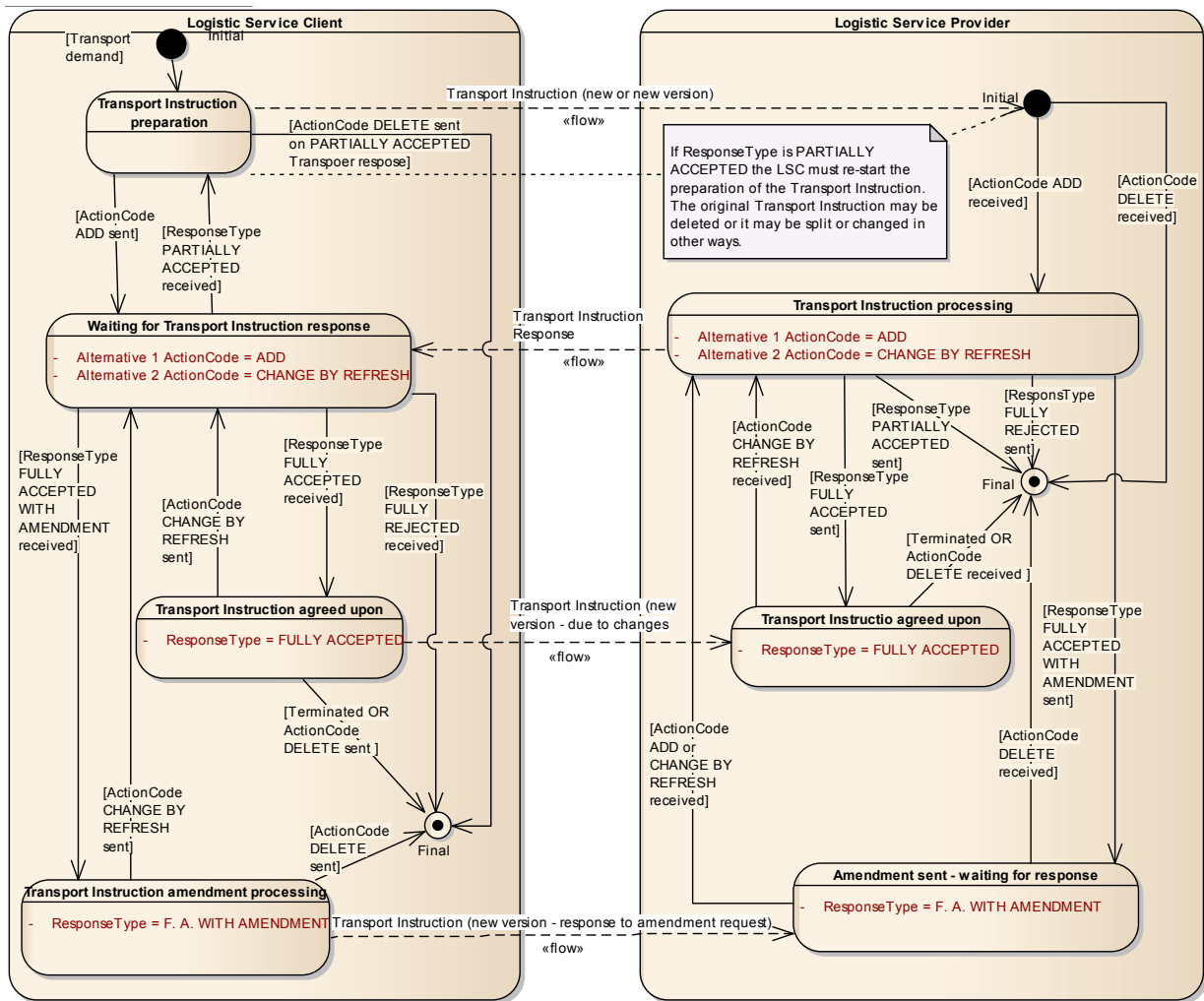


Figure 11 State machine showing the use of the status indicators.

A TransportInstruction in a TransportInstructionMessage and a TransportInstructionResponse in a TransportInstructionResponseMessage may contain several transportInstructionConsignments and transportInstructionShipments. If there are many consignments or shipments in a TransportInstructionResponse and the ResponseType is PARTIALLY ACCEPTED or FULLY ACCEPTED WITH AMENDMENTS, the processing can be a challenge.

Thus, to simplify the processing we recommend the use of one transportInstructionResponse part for each consignment or shipment in the Transport Instruction messages, unless the consignments are closely related to each other.

The use of the status indicators may also be explained by means of a BPMN process diagram, as illustrated by Figure 12.

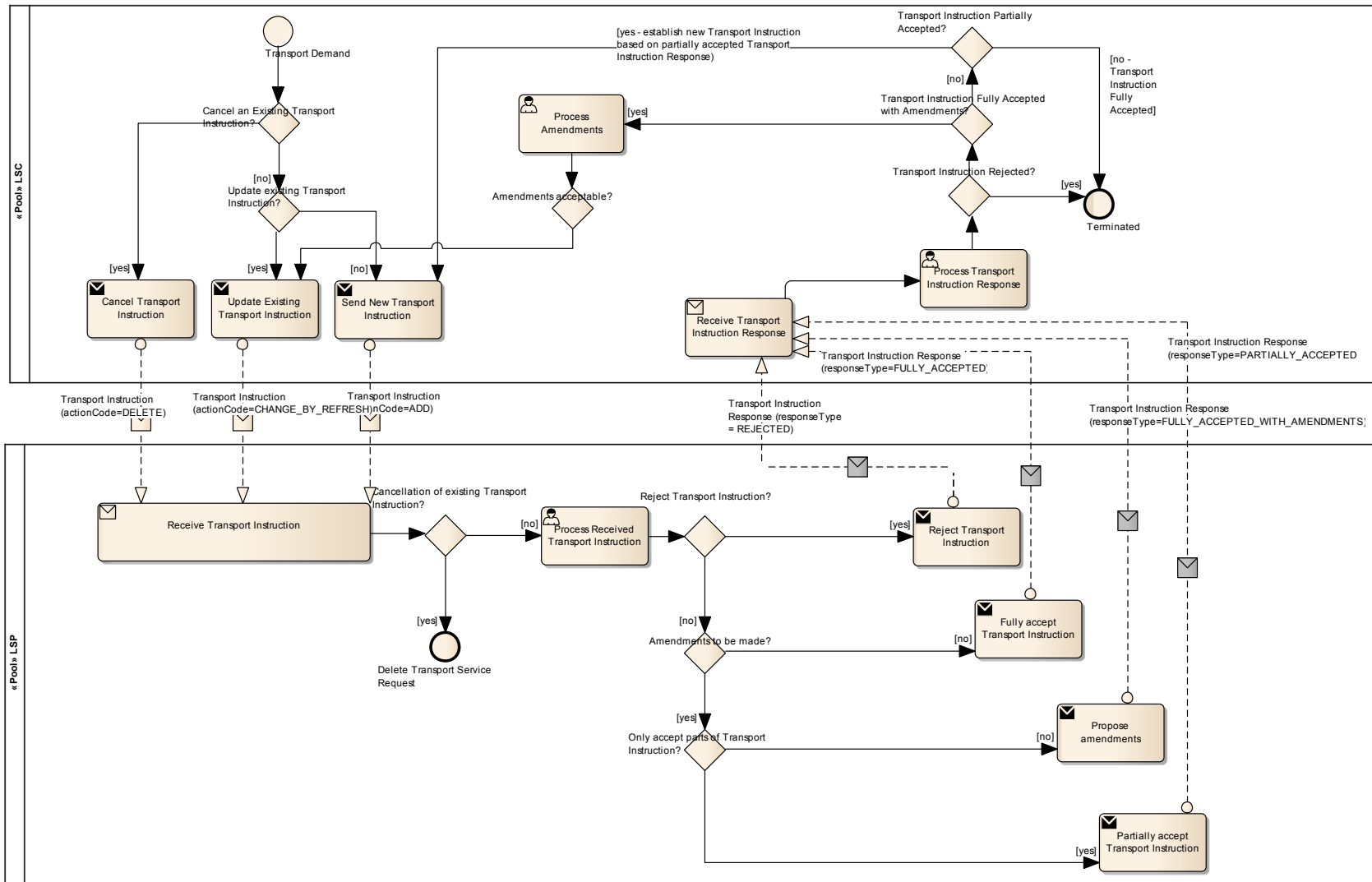


Figure 12 Process diagram showing the use of the status indicators

5.6 How to request an international door-to-door service?

This section is related to the scenario in section 4 and show partial XML outlines of the Transport Instruction sent from RECEIVER 2 (LSC) to FORWARDER (LSP).

The Transport Instruction includes a shipment structure since the LSC is not aware of, and may not want to be aware of, the transport movements from origin to destination. RECEIVER 2 primarily wants to specify the cargo items to be transported, from location and to location, and at what time the transport should take place. Other information that is relevant in this Transport Instruction is designated export and import agents providing customs declaration services.

The two main elements in the Transport Instruction message are StandardBusinessDocumentHeader and the transportInstruction. They are decomposed in Figure 14. For details on the StandardBusinessMessageHeader and the transportInstruction elements see Figure 15 and Figure 16.

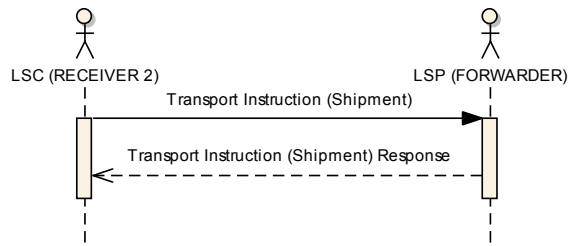


Figure 13 Transport Instruction (Shipment)

```

transport_instruction:transportInstructionMessage http://www.
└─ sh:StandardBusinessDocumentHeader 1.0
  └─ sh:HeaderVersion 1.0
    └─ sh:Sender 7365566156191
      └─ sh:Receiver 4098765000012
        └─ sh:DocumentIdentification GS1
          └─ sh:BusinessScope
            └─ transportInstruction 2011-07-25T13:00:00.000+01:00
              └─ creationDateTime 2011-07-25T13:00:00.000+01:00
                └─ documentStatusCode ORIGINAL
                  └─ lastUpdateDateTime 2011-07-25T13:00:00.000+01:00
                    └─ transportInstructionIdentification TRINS00001
                      └─ transportInstructionFunction SHIPMENT
                        └─ logisticServicesSeller 4098765000012
                          └─ logisticServicesBuyer 7365566156191
                            └─ transportInstructionShipment 73655661561912345

```

Figure 14 The Transport Instruction message

```

└─ sh:StandardBusinessDocumentHeader 1.0
  └─ sh:HeaderVersion 1.0
    └─ sh:Sender 7365566156191
      └─ sh:Identifier "GS1" 7365566156191
        └─ sh:ContactInformation Per Kristiansen
          └─ sh:Contact Per Kristiansen
            └─ sh:EmailAddress per@receiver2.no
              └─ sh:TelephoneNumber +4792894444
                └─ sh:ContactTypeIdentifier Buyer
          └─ sh:Receiver 4098765000012
            └─ sh:Identifier "GS1" 4098765000012
              └─ sh:ContactInformation Jon Hansson
                └─ sh:Contact Jon Hansson
                  └─ sh:EmailAddress jon@forwarder.no
                    └─ sh:TelephoneNumber +4794651111
                      └─ sh:ContactTypeIdentifier Seller
            └─ sh:DocumentIdentification GS1
              └─ sh:Standard GS1
                └─ sh:TypeVersion 3.0
                  └─ sh:InstanceIdentifier 100001
                    └─ sh:Type Transport Instruction
                      └─ sh:CreationDateAndTime 2011-07-25T13:00:00.000+01:00
                        └─ sh:BusinessScope

```

Figure 15 The Transport Instruction message – StandardBusinessDocumentHeader details

StandardBusinessMessageHeader:

The header contains information about sender/receiver of the message, version details and time details.

The BusinessScope is used to provide information on the profile, as described in section 5.4.

transportInstructionFunction:
States that this message is a Transport Instruction Shipment (see 5.1).

logisticsServiceBuyer and logisticsServiceSeller:
The logisticsServiceBuyer is the Logistics Service Client (LSC), in this case RECEIVER 2, and the logisticsServiceSeller is the Logistics Service Provider (LSP), in this case FORWARDER. Their GLNs provide unique identifiers (see 5.19).

transportInstructionShipment:
The shipment is defined by means of a list of information elements.

gsin is in this case a GS1 GSIN identifier. However, an alternative identification scheme can also be used (see section 5.19). The identifier is created by SENDER 1 and provided to RECEIVER 2 as a part of the order process which is outside the scope of this implementation guide. RECEIVER 2 has the identifier when the transport is requested.

For other transportInstructionShipment details – see below.

- ▲ ● transportInstruction 2011-07-25T13:00:00.000+01:00
 - creationDateTime 2011-07-25T13:00:00.000+01:00
 - documentStatusCode ORIGINAL
 - lastUpdateDateTime 2011-07-25T13:00:00.000+01:00
 - ▶ ● transportInstructionIdentification TRINS00001
 - transportInstructionFunction SHIPMENT
 - ▲ ● logisticServicesSeller 4098765000012
 - gln 4098765000012
 - ▲ ● contact Jon Hansson
 - personName Jon Hansson
 - ▲ ● communicationChannel E-mail
 - communicationChannelCode E-mail
 - communicationValue jon@forwarder.no
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4794651111
 - ▲ ● organisationDetails FORWARDER
 - organisationName FORWARDER
 - ▲ ● logisticServicesBuyer 7365566156191
 - gln 7365566156191
 - ▲ ● contact Per Kristiansen
 - personName Per Kristiansen
 - ▲ ● communicationChannel E-mail
 - communicationChannelCode E-mail
 - communicationValue per@receiver2.no
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4792894444
 - ▲ ● organisationDetails RECEIVER 2
 - organisationName RECEIVER 2
- ▲ ● transportInstructionShipment
 - gsin 73655661561912345
 - ▶ ● receiver 7365566156191
 - ▶ ● shipper 7365566156190
 - ▶ ● shipTo 7365566156191
 - ▶ ● shipFrom 7365566156190
 - ▶ ● importAgent 4098765000044
 - ▶ ● exportAgent 0000000000000
 - ▶ ● transportInstructionTerms 3
 - ▶ ● transportCargoCharacteristics 12
 - ▶ ● plannedDelivery
 - ▶ ● plannedDespatch
 - ▶ ● deliveryTerms FOB
 - ▶ ● handlingInstruction 1
 - ▶ ● transportInstructionShipmentItem 1

Figure 16 The Transport Instruction message – transportInstruction details

In transportInstructionShipment: receiver, shipper define details about the receiver and shipper of the shipment are provided

shipTo and shipFrom define details on where the shipment should be shipped from and to are provided.

importAgent and exportAgent is included since the shipment needs export and import clearance. The parties responsible for these procedures are included.

- receiver
 - gln 7365566156191
 - additionalPartyIdentification "Party reference" RECEIVER 2
 - organisationDetails
 - organisationName RECEIVER 2
 - shipper
 - gln 7365566156190
 - additionalPartyIdentification "Party reference" SENDER 1
 - organisationDetails
 - organisationName SENDER 1
 - shipTo
 - gln 7365566156191
 - contact
 - personName Per Kristiansen
 - communicationChannel
 - communicationChannelCode E-mail
 - communicationValue per@receiver2.no
 - communicationChannel
 - communicationChannelCode Telephone
 - communicationValue +4792894444
 - organisationDetails
 - organisationName RECEIVER 2
 - shipFrom
 - gln 7365566156190
 - organisationDetails
 - organisationName SENDER 1
 - importAgent
 - gln 4098765000044
 - contact
 - personName TERMINAL OPERATOR
 - communicationChannel
 - communicationChannelCode Telephone
 - communicationValue +4792556644
 - organisationDetails
 - organisationName TERMINAL OPERATOR
 - exportAgent
 - gln 0000000000000
 - contact
 - personName Hans Franck
 - communicationChannel
 - communicationChannelCode Telephone
 - communicationValue +4923651254
 - organisationDetails
 - organisationName Export Service LTD

Figure 17 transportInstructionShipment details (1 of 3)

In transportInstructionShipment:

transportInstructionTerms define the terms related to the shipment. These are typically associated with the logistics service identified in the transportServiceCategoryCode element. Value 3 indicates that the requested service is transport.

transportCargoCharacteristics defines details on dimensions and weights, package and trade item quantity, cargo descriptions and origin and destination countries are provided. The values are aggregated for the three pallets from the scenario described in Chapter 4, and the shipment details given in section 4.2 (the total for all three pallets).

plannedDelivery and plannedDespatch define despatch and delivery locations and times of the shipment are described.

deliveryTerms defines INCOTERMS related to the shipment are defined.

transportReference provides a reference that may be of relevance for the transport instruction.

transportReferenceTypeCode ABT indicates that the reference is a customs declaration.

handlingInstruction can be included both at the shipment level and at each individual shipment item level.

- ▲ ● transportInstructionTerms
 - transportServiceCategoryType 3
- ▲ ● transportCargoCharacteristics
 - cargoTypeCode 12
 - countryOfOriginCode DE
 - finalDestinationCountry NO
 - totalGrossVolume "MTQ" 3.4
 - totalGrossWeight "KGM" 2250
 - totalTransportNetWeight "KGM" 2160
 - totalLoadingLength "MTR" 3.6
 - totalPackageQuantity 150
- ▲ ● plannedDelivery
 - ▲ ● logisticLocation
 - ● address Hamar
 - ▲ ● logisticEventDateTime 2011-08-09
 - date 2011-08-09
 - time 14:00:00.OZ
- ▲ ● plannedDespatch
 - ▲ ● logisticLocation SENDER 1
 - locationName SENDER 1
 - ▲ ● address Munchen
 - city Munchen
 - countryCode DE
 - postalCode 80331
 - streetAddressOne Putzbunnerstrasse 3
 - ● logisticEventDateTime 2011-08-01
- ▲ ● deliveryTerms FOB
 - incotermsCode FOB
 - deliveryInstructions "EN" Once the pallets are ready f
 - ▲ ● deliveryTermsLocation DEKEL
 - unLocationCode DEKEL
- ▲ ● transportReference 12345
 - entityIdentification 12345
 - transportReferenceTypeCode ABT
- ▲ ● handlingInstruction 1
 - handlingInstructionCode 1
 - handlingInstructionText "EN" Pharmaceuticals should t

Figure 18 transportInstructionShipment details (2 of 3)

transportInstructionShipmentItem in transportInstructionShipment:

A shipment contains shipment items. Such items are trade items and are defined as line items, this in order to be used as a reference when updates or cancellations of a part of the complete shipment occur.

logisticUnit in transportInstructionShipment:

The physical manifestation of the individual item being shipped is described by means of logistics units (the three pallets described in 4.2). For details see example in 5.7.

transportCargoCharacteristics in transportInstructionShipment:

Details related to the aggregated dimensions and weights, package and trade item quantity, cargo descriptions and origin/destination countries for the total shipment are described. The values in the example are associated to the three pallets with shipment details as given in section 4.2. Handling instructions for a particular shipment may also be provided.

- ▲ ● transportInstructionShipmentItem
 - lineItemNumber 1
 - ▷ ● logisticUnit 123456789123456700
 - ▷ ● logisticUnit 123456789123456701
 - ▷ ● logisticUnit 123456789123456702
 - ▷ ● transactionalTradeItem 0000000000000000
 - ▲ ● transportCargoCharacteristics
 - cargoTypeCode 12
 - harmonizedSystemCode 294110
 - cargoTypeDescription "EN" Antibiotics
 - countryOfOriginCode DE
 - finalDestinationCountry NO
 - totalGrossVolume "MTQ" 3.4
 - totalGrossWeight "KGM" 2250
 - totalTransportNetWeight "KGM" 2160
 - totalLoadingLength "MTR" 3.6
 - declaredValueForCustoms "EUR" 10000
 - totalPackageQuantity 150
 - totalItemQuantity 3000
 - ▲ ● handlingInstruction 1
 - handlingInstructionCode 1
 - handlingInstructionText "EN" Not to be stored with liquids

Figure 19 transportInstructionShipment details (3 of 3)

5.7 How to request domestic road transport?

This section is related to the scenario in chapter 4. There are two domestic road transports, one in Germany and one in Norway. In this chapter we only present the Transport Instruction exchange for the German case since they are very similar in structure.

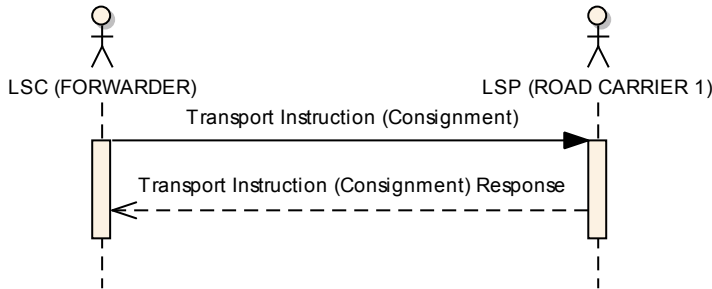


Figure 20 Transport Instruction (Consignment) from FORWARDER to ROAD CARRIER 1

StandardBusinessDocumentHeader : The elements are described in 5.6. The Sender (i.e. the LSC) is the FORWARDER and the Receiver (LSP) is the ROAD CARRIER 1.

The transportInstructionFunction states that this message has a consignment view. Compared to the shipment view in 5.6, the consignment has a stronger emphasis on the transport movement and less emphasis on detailed descriptions of the trade items being transported (see 5.1).

transportInstructionConsignment: Sender and Receiver from the shipment view (see 5.6) are replaced by a consignor and consignee. See details below.

transportInstructionTransport-Movement is used to describe details related to the carriage of the consignment. See details below.

transportInstructionConsignmentItem defines the logical items in the consignment. See details below.

- ▶ ● sh:StandardBusinessDocumentHeader 1.0
- ▲ ● transportInstruction 2011-07-25T14:00:00.000+01:00
 - creationDateTime 2011-07-25T14:00:00.000+01:00
 - documentStatusCode ORIGINAL
 - lastUpdateDateTime 2011-07-25T14:00:00.000+01:00
 - ▶ ● transportInstructionIdentification TRINC00002
 - transportInstructionFunction CONSIGNMENT
 - ▶ ● logisticServicesSeller 4098765000017
 - ▶ ● logisticServicesBuyer 4098765000012
 - ▲ ● transportInstructionConsignment 7365566156191234567
 - ginc 7365566156191234567
 - ▶ ● consignor 7365566156190
 - ▶ ● consignee 4098765000012
 - ▲ ● pickupParty 7365566156190
 - gln 7365566156190
 - ▶ ● organisationDetails SENDER 1
 - ▲ ● dropOffParty 4098765000012
 - gln 4098765000012
 - ▶ ● contact Paul Schenker
 - ▶ ● organisationDetails FORWARDER
 - ▶ ● transportInstructionTerms 3
 - ▶ ● transportCargoCharacteristics 12
 - ▶ ● plannedPickUp
 - ▶ ● plannedDropOff
 - ▶ ● transportInstructionTransportMovement 1
 - ▶ ● deliveryTerms Notify FORWARDER att/ Paul Schenker 5 minutes before
 - ▶ ● handlingInstruction 1
 - ▶ ● transportInstructionConsignmentItem 1

Figure 21 Transport Instruction (Consignment) – overall structure

consignee and consignor:

For details on consignee and consignor – see section 5.3. They are described using the transactionalParty structure, similar to the Sender and Receiver in the shipment view.

- ▲ ● consignor 7365566156190
 - gln 7365566156190
 - additionalPartyIdentification "Party reference" SENDER 1
 - ▲ ● organisationDetails SENDER 1
 - organisationName SENDER 1
- ▲ ● consignee 4098765000012
 - gln 4098765000012
 - ● contact Paul Schenker
 - ▲ ● organisationDetails FORWARDER
 - organisationName FORWARDER

Figure 22 transportInstructionConsignment - consignor and consignee details

transportInstructionTransport-Movement:

Defines the movement or carriage of a consignment. This is described by means of details related to the carrier of this transport movement, details related to the transport means used, and details related to the departure and arrival of a particular transport movement.

For transportMeans value 31 is a truck.

- ▲ ● transportInstructionTransportMovement 1
 - sequenceNumber 1
 - transportModeTypeCode 3
 - ▲ ● carrier 0000000000000
 - gln 0000000000000
 - additionalPartyIdentification "Party reference" ROAD CARRIER
 - ▲ ● organisationDetails ROAD CARRIER 1
 - organisationName ROAD CARRIER 1
 - ▲ ● transportMeans 31
 - transportMeansType 31
 - ▲ ● plannedDeparture
 - ▲ ● logisticLocation
 - ▲ ● address Munchen
 - city Munchen
 - countryCode DE
 - postalCode 80331
 - streetAddressOne Putzbannerstrasse 3
 - ▲ ● logisticEventDateTime 2011-08-01
 - date 2011-08-01
 - time 14:00:00.000+01:00
 - ▲ ● plannedArrival
 - ▲ ● logisticLocation
 - ▲ ● address Hamburg
 - city Hamburg
 - countryCode DE
 - postalCode 20999
 - streetAddressOne Billwerder 24
 - ▲ ● logisticEventDateTime 2011-08-02
 - date 2011-08-02
 - time 14:00:00.000+01:00

Figure 23 transportInstructionConsignment – transportInstructionMovement details

transportInstructionConsignmentItem:

This item is a logical composition and does not represent one physical item. In this case the item is composed of three equal logisticUnits.

If the logistic units are different cargo types, they are typically represented by different consignment items.

The physical manifestation of the consignment is represented by the logistics units. Each logistics unit has its own SSCC identifier (see 5.19).

- ▲ ● transportInstructionConsignmentItem 1
 - lineItemNumber 1
 - ▲ ● transportCargoCharacteristics 12
 - cargoTypeCode 12
 - harmonizedSystemCode 294110
 - cargoTypeDescription "EN" Antibiotics
 - countryOfOriginCode DE
 - finalDestinationCountry NO
 - totalGrossVolume "MTQ" 3.4
 - totalGrossWeight "KGM" 2250
 - totalTransportNetWeight "KGM" 2160
 - totalLoadingLength "MTR" 3.6
 - declaredValueForCustoms "EUR" 10000
 - totalPackageQuantity 150
 - totalItemQuantity 3000
 - ▲ ● logisticUnit 123456789123456700
 - ssc 123456789123456700
 - grossWeight "KGM" 750
 - ▲ ● dimension 1.2
 - depth "MTR" 1.2
 - height "MTR" 1.2
 - width "MTR" 0.8
 - ▲ ● logisticUnit 123456789123456701
 - ssc 123456789123456701
 - grossWeight "KGM" 750
 - ● dimension 1.2
 - ▲ ● logisticUnit 123456789123456702
 - ssc 123456789123456702
 - grossWeight "KGM" 750
 - ● dimension 1.2
 - ▲ ● handlingInstruction 1
 - handlingInstructionCode 1
 - handlingInstructionText "EN" Heat sensitive

Figure 24 transportInstructionConsignment – transportInstructionConsignmentItem details

5.8 How to request domestic rail transport?

This section is related to the scenario in chapter 4 and presents example XML for the Transport Instruction exchanged when arranging for rail transport from Hamburg to Kiel.

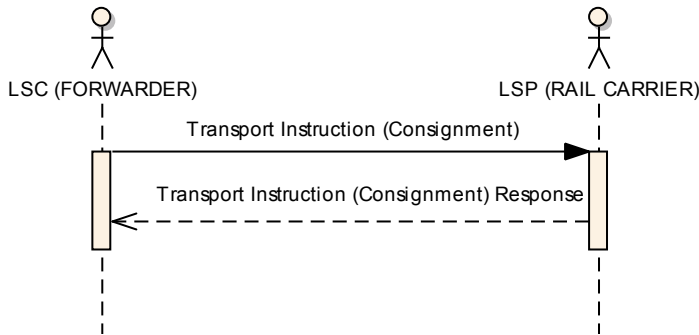


Figure 25 Transport Instruction (Consignment) from FORWARDER to RAIL CARRIER

The XML is very equal to the example in 5.7.

StandardBusinessDocument-Header:

The elements of the header is as described in 5.6. The Sender (i.e. the LSC) is the FORWARDER and the Receiver (LSP) is the RAIL CARRIER.

transportInstructionFunction states that this message has a consignment view (see 5.1).

transportInstruction:

logisticsServiceSeller and logisticsServiceBuyer are RAIL CARRIER and FORWARDER

```

> ● sh:StandardBusinessDocumentHeader 1.0
▲ ● transportInstruction 2011-07-25T14:00:00.0Z
  ● creationDateTime 2011-07-25T14:00:00.0Z
  ● documentStatusCode ORIGINAL
  ● lastUpdateDateTime 2011-07-25T14:00:00.0Z
  ▲ ● transportInstructionIdentification TRINC00003
    ● entityIdentification TRINC00003
    ● transportInstructionFunction CONSIGNMENT
  ▲ ● logisticServicesSeller 4098765000022
    ● gln 4098765000022
    ▲ ● contact Peter Muller
      ● personName Peter Muller
      ▲ ● communicationChannel E-mail
        ● communicationChannelCode E-mail
        ● communicationValue peter@railcarrier.de
      ▲ ● communicationChannel Telephone
        ● communicationChannelCode Telephone
        ● communicationValue +4994652222
    ▲ ● organisationDetails RAIL CARRIER
      ● organisationName RAIL CARRIER
  ▲ ● logisticServicesBuyer 4098765000012
    ● gln 4098765000012
    ▶ ● contact Jon Hansson
    ▶ ● organisationDetails FORWARDER
    
```

Figure 26 Parts of the transportInstruction (1 of 3)

**transportInstructionConsign-
ment:**

consignor and consignee are
FORWARDER and SEA
CARRIER.

pickUpParty and dropOffParty
are FORWARDER SEA
CARRIER.

- ▲ ● transportInstructionConsignment 7365566156191234568
 - ginc 7365566156191234568
 - ▲ ● consignor 4098765000012
 - gln 4098765000012
 - additionalPartyIdentification "Party reference" FORWARDER
 - ▷ ● organisationDetails FORWARDER DC
 - ▲ ● consignee 4098765000123
 - gln 4098765000123
 - additionalPartyIdentification "Party reference" SEA CARRIER
 - ▷ ● organisationDetails SEA CARRIER
 - ▲ ● pickUpParty 0000000000000
 - gln 0000000000000
 - ▷ ● contact Jon Hanson
 - ▷ ● organisationDetails FORWARDER
 - ▲ ● dropOffParty 0000000000000
 - gln 0000000000000
 - ▷ ● contact Jon Persson
 - ▷ ● organisationDetails SEA CARRIER
 - ▷ ● transportInstructionTerms 3
 - ▷ ● transportCargoCharacteristics 12
 - ▲ ● plannedPickUp
 - ▲ ● logisticLocation FORWARDER DC
 - locationName FORWARDER DC
 - ▷ ● address Hamburg
 - ▷ ● logisticEventDateTime 2011-08-01
 - ▲ ● plannedDropOff
 - ▷ ● logisticLocation DEKEL
 - ▷ ● logisticEventDateTime 2011-08-06
 - ▲ ● transportInstructionTransportMovement 1
 - sequenceNumber 1
 - transportModeTypeCode 2
 - routeID "KV" 45
 - ▲ ● carrier 0000000000000
 - gln 0000000000000
 - additionalPartyIdentification "Party reference" RAIL CARRIER
 - ▷ ● organisationDetails RAIL CARRIER
 - ▷ ● transportMeans 230
 - ▷ ● plannedDeparture
 - ▷ ● plannedArrival
 - ▷ ● deliveryTerms Place the pallets from the shipment close to quay 3
 - ▲ ● handlingInstruction 1
 - handlingInstructionCode 1
 - handlingInstructionText "EN" Pharmaceuticals should be handled with care

Figure 27 Parts of the transportInstruction (2 of 3)

**TransportInstructionConsign-
mentItem:**

For the railway leg, the transport instruction includes three pallets from SENDER 1 and three pallets from SENDER 2. The pallets from SENDER 1 and SENDER 2 do however contain different cargo types. Thus, they are represented by two transportInstructionConsign-ment Items.

- ▲ ● transportInstructionConsign-mentItem 1
 - lineItemNumber 1
 - ▷ ● transportCargoCharacteristics 12
 - ▷ ● logisticUnit 123456789123456700
 - ▷ ● logisticUnit 123456789123456701
 - ▷ ● logisticUnit 123456789123456702
 - ▷ ● handlingInstruction 1
- ▲ ● transportInstructionConsign-mentItem 2
 - lineItemNumber 2
 - ▷ ● transportCargoCharacteristics 12
 - ▷ ● logisticUnit 123456789123456703
 - ▷ ● logisticUnit 123456789123456704
 - ▷ ● logisticUnit 123456789123456705
 - ▷ ● handlingInstruction 2

Figure 28 Parts of the transportInstruction (3 of 3)

5.9 How to request a consolidation?

Shipments or consignments can be consolidated into transport equipment. The request for such a service can be defined in the transportInstruction part of the Transport Instruction message. It will contain:

- A transportInstructionConsignment with a GINC identification key is defined for the assembly of logistics units (from shipments or existing consignments):
 - The TransportServiceCategoryCode attribute is set to "5" (i.e. consolidation).
 - The transport equipment into which the logistics units are to be consolidated is specified in the includedTransportEquipment element.
 - If the identification is not known, just the transportEquipmentTypeCode is specified (e.g. a specific container type). The identification can be provided later by means of a Transport Status Notification from the Logistics Service Provider.
 - If shipments are to be consolidated into the assembly: A containedShipmentReference is set to point to each transportInstructionShipment that are to be included into the consignment.
- A transportInstructionConsignment for each consignment that is to be a consolidated is defined as follows:
 - The parentConsignmentID is set to refer to the GINC of the assembly of logistics units (see above)
 - The TransportServiceCategoryCode attribute is set to "5" (i.e. consolidation).
 - In transportInstructionConsignmentItem the logistic units are defined in logisticUnit elements and identified by means of SSCC codes.
- A transportInstructionShipment for each shipments that is to be a consolidated is defined as follows:
 - The TransportServiceCategoryCode attribute is set to "5" (i.e. consolidation).
 - In transportInstructionShipmentItem the logistic units are defined in the logisticUnit elements and identified by means of their SSCC codes.

See example in 5.10.

5.10 How to request both consolidation and transport?

In the scenario in chapter 4, FORWARDER requests both a consolidation into transport equipment and transport of this transport equipment, and the Transport Instruction message will contain

- One transportInstruction for the consolidation with a transportInstructionConsignments for the consolidated transport equipment and transportInstructionShipments and/or transportInstructionConsignments for the logistics units to be consolidated.
- One transportInstruction for the transport.

Section 5.9 provides details on the transportInstruction for the consolidation. The identification of the transport equipment into which the cargo is consolidated (e.g. the GRAI of a container) may not be known in advance. Thus, the transportInstructionConsignment for the transport equipment must identify by means of a GINC, and this GINC can be used as a reference.

The transportInstruction for the transport, a transportInstructionConsignment is defined as follows

- parentConsignmentID is set to refer to the GINC of the transportInstructionConsignment for the transport equipment that is to be consolidated to indicate that the transport depends on the consolidated transport equipment.
- TransportServiceCategoryCode is set to for example "3" (i.e. transport)
- includedTransportEquipment identifies the transport equipment to be transported. If the identification is not known, just the TransportEquipmentTypeCode is specified (e.g. container). The identification can be provided later by means of a Transport Status Notification from the LSP.
- containedShipmentReferences may be used to refer to the transportInstructionShipments addressed in the consolidation (see above).
- The transportConsignmentItems in the consignment are defined, and they will contain the logisticUnits which will be the same as those in the transportInstructionShipments addressed in the consolidation.

As an alternative to the above solution, all transportInstruction-Consignments and transportInstructionShipments can be sent in one transportInstruction element. However, the use of two separate transportInstruction elements, as illustrated in **Error! Reference source not found.**, may ease the processing described in 5.5.3.

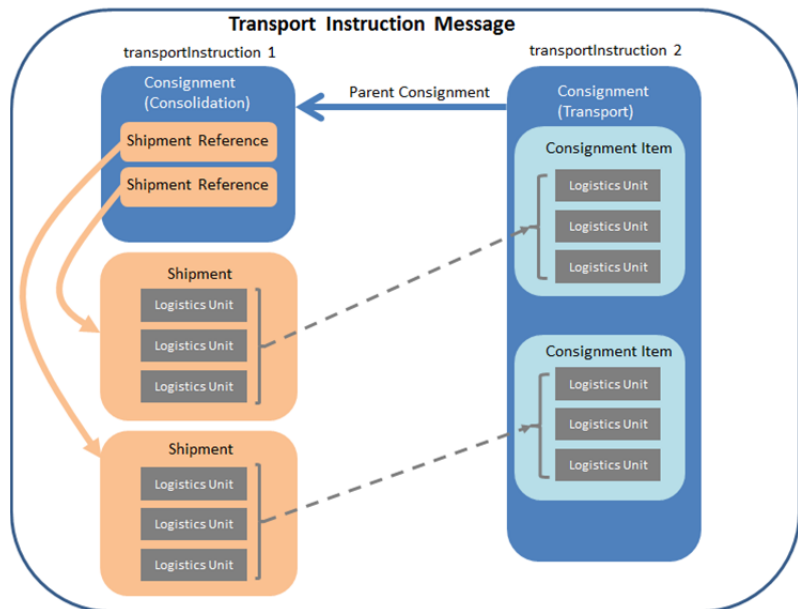


Figure 29: How the Transport Instructions for consolidation and transport fit together

In the example presented here, a Transport Instruction is exchanged to arrange for maritime transport from Kiel to Oslo. In addition to performing transport, SEA CARRIER will also consolidate the two shipments into a container (provided by FORWARDER).

In the request message the FORWARDER will request for 1) a consolidation of the two shipments from SENDER 1 and SENDER 2 into a container; and 2) transport of the container from port of Kiel to port of Oslo. In order to do this, the FORWARDER sends the transportInstructionMessage depicted in Figure 31. It contains two transportInstruction elements, one for the consolidation and one for the transport.

The transportInstruction element for the consolidation contains a transportInstructionConsignment and two transportInstructionShipments as presented in Figure 32.

In transportInstructionConsignment:

ginc will be the GINC identified that will be used as an identifier for the consolidated cargo since the container is unknown.

transportServiceCategoryType has value 5 to specify that this is a request for a consolidation service.

containedShipmentReference refers to the transportInstructionShipments to be consolidated into the transport equipment includedTransportEquipment defined the container into which the logistics units (pallets) will be consolidated. The GRAI is provided, if known.

transportInstructionShipment:

Figure 33 define the one of the shipments to be consolidated.

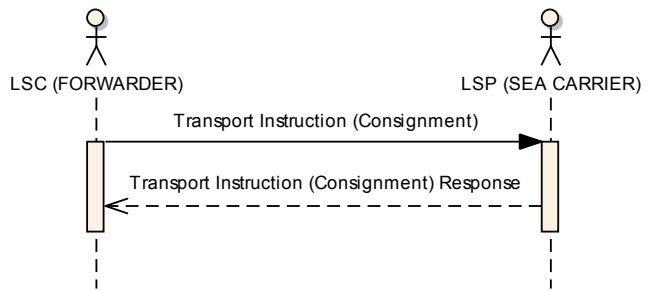


Figure 30: Transport Instruction (Consignment) from FORWARDER to SEA CARRIER

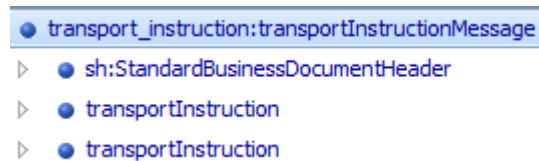


Figure 31: Consolidation and transport in one Transport Instruction message

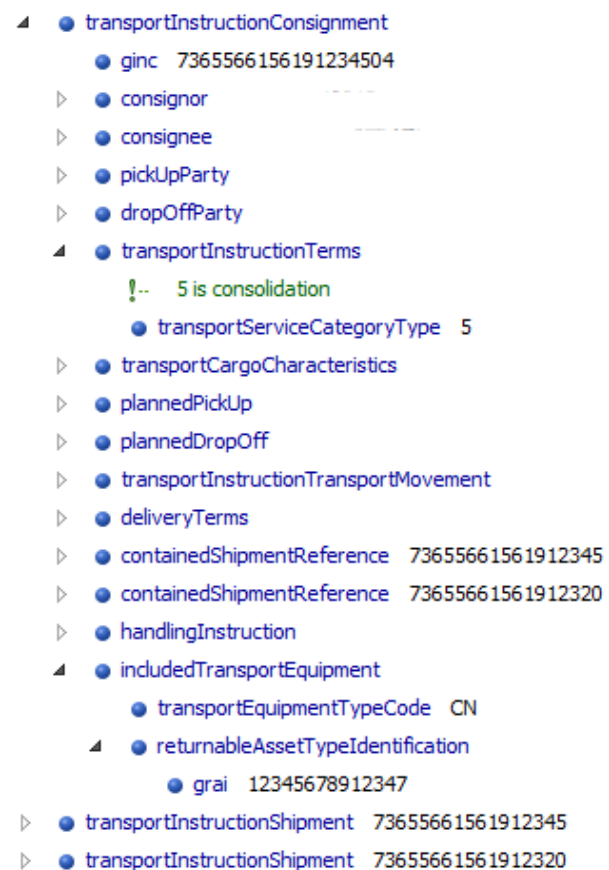


Figure 32: The elements related to the consolidation

transportServiceCategoryType has value 5 to specify that this is a request for a consolidation service.

- ▲ ● transportInstructionShipment 73655661561912345
 - gsin 73655661561912345
 - ▷ ● receiver 7365566156191
 - ▷ ● shipper 7365566156190
 - ▷ ● shipTo 7365566156191
 - ▷ ● shipFrom 7365566156190
 - ▷ ● importAgent 4098765000044
 - ▷ ● exportAgent 00000000000000
 - ▷ ● transportInstructionTerms 5 is consolidation
 - ▷ ● transportCargoCharacteristics 12
 - ▷ ● plannedDelivery
 - ▷ ● plannedDespatch
 - ▷ ● deliveryTerms FOB
 - ▷ ● transportReference 12345
 - ▷ ● handlingInstruction 1
 - ▲ ● transportInstructionShipmentItem 1
 - lineItemNumber 1
 - !- At this time the ssc's are not known
 - ▷ ● logisticUnit 000000000000000000
 - ▷ ● logisticUnit 000000000000000000
 - ▷ ● logisticUnit 000000000000000000
 - ▷ ● transactionalTradeItem 0000000000000000
 - ▷ ● transportCargoCharacteristics 12
 - ▷ ● handlingInstruction 1

Figure 33: A transportInstructionShipment

The transportInstruction element for the transport contains a transportInstructionConsignment as presented in Figure 34.

parentConsignmentID:

a reference is made to the GINC of the transportInstructionConsignment of the consolidation. Thus, this transportInstructionConsignment addresses the consignment identified by this GINC.

transportServiceCategoryType:

Value is 10 for maritime transport, thus the consignment referred by the GINC is to be transported by maritime transport.

containedShipmentReferences:

The two containedShipmentReferences refer to the two shipments which are included in the transport equipment.

includedTransportEquipment:

indicates that the transport equipment to be transported is a container. The identifier of the container is not provided at this moment.

transportInstructionConsignmentItem:

The logistic units are defined.

```

    ▲ ● transportInstructionConsignment 7365566156191234598
      ● ginc 7365566156191234598
      ▲ ● parentConsignmentID 7365566156191234504
        ● ginc 7365566156191234504
        ▶ ● consignor 4098765000012
        ▶ ● consignee TERMINAL_OPERATOR
        ▶ ● pickupParty 0000000000000
        ▶ ● dropOffParty TERMINAL_OPERATOR
        ▶ ● transportInstructionTerms 10 is maritime transport
        ▶ ● transportCargoCharacteristics 12
        ▶ ● plannedPickUp
        ▶ ● plannedDropOff
        ▶ ● transportInstructionTransportMovement 1
        ▶ ● deliveryTerms Once the container is unloaded from the fer
        ▶ ● containedShipmentReference 73655661561912345
        ▶ ● containedShipmentReference 73655661561912320
        ▶ ● handlingInstruction 1
        ▶ ● includedTransportEquipment CN is container
      ▲ ● transportInstructionConsignmentItem 1
        ● lineItemNumber 1
        ▶ ● transportCargoCharacteristics 12
        ▶ ● logisticUnit 0000000000000000000
        ▶ ● logisticUnit 0000000000000000000
        ▶ ● logisticUnit 0000000000000000000
        ▶ ● handlingInstruction 1
      ▲ ● transportInstructionConsignmentItem 2
        ● lineItemNumber 2
        ▶ ● transportCargoCharacteristics 12
        ▶ ● logisticUnit 0000000000000000000
        ▶ ● logisticUnit 0000000000000000000
        ▶ ● logisticUnit 0000000000000000000
  
```

Figure 34: The transportInstructionConsignment related to the transport

5.11 How to request de-consolidation?

This section is related to the scenario in section 4 and presents XML messages for the Transport Instruction exchanged when arranging for de-consolidation of container in the port of Oslo. The Transport Instruction is sent from FORWARDER to TERMINAL OPERATOR, who will perform the deconsolidation.

A deconsolidation request will be in line with the consolidation approach in 5.9.

The transport instruction will include a transportInstructionConsignment for the consolidated cargo and a transportInstructionShipment or a transportInstructionConsignment element for each of the shipments or consignments that are to be deconsolidated.

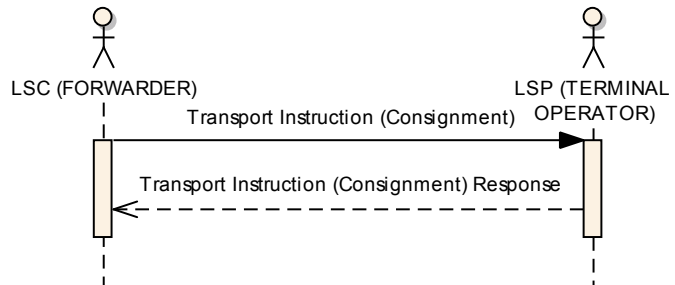


Figure 35: Transport Instruction (Consignment) from FORWARDER to TERMINAL OPERATOR

In the example in Figure 36 the transportInstruction includes

- One transportInstructionConsignment addressing the transport equipment to be de-consolidated
- Two transportInstructionShipments addressing the logistic units that are to be unloaded from the transport equipment.

All three elements have a transportServiceCategoryType element with value 6 to indicate de-consolidation (not illustrated by the figure).

```

transportInstruction 2011-07-25T15:00:00.0Z
  creationDateTime 2011-07-25T15:00:00.0Z
  documentStatusCode ORIGINAL
  lastUpdateDateTime 2011-07-25T15:00:00.0Z
  transportInstructionIdentification TRINC00006
  transportInstructionFunction CONSIGNMENT
  logisticServicesSeller TERMINAL_OPERATOR
  logisticServicesBuyer 4098765000012
  transportInstructionConsignment 73655661561912345
  transportInstructionShipment 73655661561912345
  transportInstructionShipment 73655661561912320
  
```

Figure 36: De-consolidation using Transport Instruction

In transportInstructionConsignment: ginc is the identification key for the transport equipment that is to be de-consolidated

Consignor, consignee, pickUpParty and dropOffParty are SEA CARRIER and ROAD CARRIER 2, respectively.

In the transportInstructionTerms the transportServiceCategoryType has, as mentioned above, value 6 to indicate de-consolidation, and transportServiceLevelCode defines the extent of the split. "TOTAL_SPLIT" indicates that all units are to be removed from the container ("PARTIAL_SPLIT" is used if just the items defined in logisticUnit elements are to be unloaded).

```

transportInstructionConsignment 7365566156191234504
  ginc 7365566156191234504
  note "EN" The two shipments should be stripped out of th
  consignor 4098765000010
  consignee ROAD_CARRIER_2
  pickUpParty 4098765000010
  dropOffParty ROAD_CARRIER_2
  transportInstructionTerms 6 is de-consolidation
    !.. 6 is de-consolidation
    transportServiceCategoryType 6
    transportServiceLevelCode TOTAL_SPLIT
  transportCargoCharacteristics 12
  plannedPickUp
  plannedDropOff
  
```

Figure 37: De-consolidation - part off transportInstructionConsignment (1 of 2)

transportInstructionTransportMovement:

A deconsolidation requires a "work-around" since there is no transport movement associated with this service. However, the transportMovement element is mandatory in the consignment view. The value of 70 in the transportModeTypeCode element signifies "Fixed transport installations".

containedShipmentReference:

References are made to the shipments that are to be unloaded.

includedTransportEquipment:

This is the equipment to be de-consolidated.

transportInstructionConsignmentItem:

The transport equipment that is to be de-consolidated is specified in the referencedTransportEquipment element. If the identification is not known, just the TransportEquipmentTypeCode is specified (e.g. the container type).

- ▲ ● transportInstructionTransportMovement 1
 - sequenceNumber 1
 - !-- 70 is Fixed transport installations
 - transportModeTypeCode 70
- ▲ ● containedShipmentReference 73655661561912345
 - gsin 73655661561912345
- ▲ ● containedShipmentReference 73655661561912320
 - gsin 73655661561912320
 - !-- This is the container holding the two shipments
- ▷ ● includedTransportEquipment CN
- ▲ ● transportInstructionConsignmentItem 1
 - lineItemNumber 1
 - ▷ ● transportCargoCharacteristics 12
 - ▲ ● referencedTransportEquipment CN is container
 - !-- CN is container
 - transportEquipmentTypeCode CN

Figure 38: De-consolidation – part of transportInstructionConsignment (2 of 2)

5.12 How to respond if fully accepted?

This section is related to the scenario in section 4. A Transport Instruction is responded upon by a Transport Instruction Response message. If the TransportInstruction is fully accepted by the LSP it is, as illustrated by Figure 39, not necessary to include transportInstructionShipments or transportInstructionConsignments.



Figure 39 The Transport Instruction message when a) not fully accepted and b) fully accepted

Figure 40 shows the Transport Instruction Response following the Transport Instruction in 5.6 in the case of fully accepted. Alternative responses are provided in section 5.13, 5.14 and 5.15.

StandardBusinessMessageHeader:

The content is similar with the header of the request, except for the Type element in MessageIdentification, where the value indicates that this is a response.

transportInstructionResponse:

The content is very similar with the transportInstruction in the request message. Just the differences are described here.

responseType has value to indicate that the Transport Instruction sent from the LSC is fully accepted (see section 5.5.2).

transportInstruction refers to the Transport Instruction received from the LSC.



Figure 40 Transport Instruction Response with fully accepted

5.13 How to respond if partially accepted?

A fully acception of a transport Instruction is illustrated in section 5.12. However, the FORWARDER may only be able to accept two of the suggested logistic units, and a response with parially accepted is sent as illustrated in Figure 41 (for information on "partially accepted" see section 5.5.2).

transportInstructionResponse:

responseType has the value PARTIALLY ACCEPTED to indicate that all logistics units cannot be accepted.

transportInstruction refers to the Transport Instruction received from the LSC.

transportInstructionShipment:

The element is included to identify the changes.

transportInstructionStatusCode has the value MODIFIED to indicates that the shipment is modified.

transportInstructionStatus-Description explains that just two logistics units can be delivered.

transportInstructionShipmentItem is included to define the modified shipment: The two logisticUnits that are accepted are included.

```

└─ transportInstructionResponse 2011-07-25T13:30:00.000+01:00
  └─ creationDateTime 2011-07-25T13:30:00.000+01:00
  └─ documentStatusCode ORIGINAL
  └─ lastUpdateDateTime 2011-07-25T13:30:00.000+01:00
  └─ transportInstructionResponseIdentification TRINR00001
  └─ responseType PARTIALLY_ACCEPTED
  └─ logisticServicesSeller 4098765000012
  └─ logisticServicesBuyer 7365566156191
  └─ transportInstruction TRINS00001
  └─ transportInstructionShipment 73655661561912345
    └─ gsin 73655661561912345
    └─ transportInstructionStatusCode MODIFIED
    └─ transportInstructionStatusDescription "EN" Can only accept two
    └─ receiver 7365566156191
    └─ shipper 7365566156190
    └─ shipTo 7365566156191
    └─ shipFrom 7365566156190
    └─ importAgent 0000000000000000
    └─ exportAgent 0000000000000000
    └─ transportInstructionTerms 3
    └─ transportCargoCharacteristics 12
    └─ plannedDelivery
    └─ plannedDespatch
    └─ deliveryTerms FOB
    !-- Added when the TI is partially accepted
    └─ handlingInstruction 1
    └─ transportInstructionShipmentItem 1
      └─ lineItemNumber 1
      !-- At this time the ssc's are not known
      └─ logisticUnit 00000000000000000000
      └─ logisticUnit 00000000000000000000
      └─ transactionalTradeItem 0000000000000000
      └─ transportCargoCharacteristics 12
      └─ handlingInstruction 1
  
```

Figure 41 Transport Instruction Response with partially accepted

5.14 How to respond if fully acceptance with amendments?

A fully acceptance of a transport Instruction is illustrated in section 5.12. However, the FORWARDER may want to suggest some amendments. The example in Figure 42 provides an example of the latter. See section 5.5.2 for more details.

transportInstructionResponse: responseType has the value FULLY ACCEPTED WITH AMENDMENTS to indicate that amendments are suggested.

transportInstruction refers to the Transport Instruction received from the LSC.

transportInstructionShipment: the element is included to define the amendments.

transportInstructionStatusCode has the value MODIFIED to indicate that the shipment is modified.

transportInstructionStatus-Description explains that the delivery will be delayed.

The relevant elements of the transportInstructionShipment are modified according to needs.

```

▶ ● sh:StandardBusinessDocumentHeader 1.0
▲ ● transportInstructionResponse 2011-07-25T13:30:00.000+01:00
  ● creationDateTime 2011-07-25T13:30:00.000+01:00
  ● documentStatusCode ORIGINAL
  ● lastUpdateDateTime 2011-07-25T13:30:00.000+01:00
  ▶ ● transportInstructionResponseIdentification TRINR00001
  ● responseType FULLY_ACCEPTED_WITH_AMENDMENTS
  ▶ ● logisticServicesSeller 4098765000012
  ▶ ● logisticServicesBuyer 7365566156191
  ▶ ● transportInstruction TRINS00001
  ▲ ● transportInstructionShipment 73655661561912345
    ● gsin 73655661561912345
    ● transportInstructionStatusCode MODIFIED
    ● transportInstructionStatusDescription "EN" Delayed delivery!
    ▶ ● receiver 7365566156191
    ▶ ● shipper 7365566156190
    ▶ ● shipTo 7365566156191
    ▶ ● shipFrom 7365566156190
    ▶ ● importAgent 00000000000000
    ▶ ● exportAgent 00000000000000
    ▶ ● transportInstructionTerms 3
    ▶ ● transportCargoCharacteristics 12
    ▲ ● plannedDelivery
      ▶ ● logisticLocation
      ▶ ● logisticEventDateTime 2011-08-03
    ▲ ● plannedDespatch
      ▶ ● logisticLocation SENDER 1
      ▶ ● logisticEventDateTime 2011-08-02
    ▶ ● deliveryTerms FOB
    !-- Added when the TI is partially accepted
    ▶ ● handlingInstruction 1
    ▶ ● transportInstructionShipmentItem 1
  
```

Figure 42 transportInstructionShipment when the Transport Instruction is partially accepted

5.15 How to respond if fully rejected?

If a LSP in the scenario in chapter 4 fully rejects a Transport Instruction, the `transportInstructionResponse` structure in the Transport Instruction Response message will contain a `responseType` element with the value `FULLY REJECTED`. In the `transportInstructionStatusDescription` the LSP can explain the reason for the rejection. In such a case there is no need to include the `transportInstructionConsignments` and `transportInstructionShipments` in the Transport Instruction Response.

5.16 How to update logistics unit IDs?

This example is related to the scenario described in chapter 4. The initial transport instructions sent to the LSPs do not include the SSCC identifiers of the logistics units since this information is not known. The SCC identifiers are received later in the TSN (Transport Status Notification – see separate implementation guide). When the SSCC identifiers are known, the FORWARDER will send updated Transport Instructions with the SSCC identifiers to its LSPs (RAIL CARRIER, SEA CARRIER, TERMINAL OPERATOR and ROAD CARRIER 2). Figure 43 shows an example.

DocumentIdentification in StandardBusinessDocumentHeader:

The InstanceIdentifier must be updated as well as the CreationDateAndTime.

transportInstruction:

documentActionCode value is set to CHANGE_BY_REFRESH to indicate that this is an update (see section 5.5.2).

lastUpdateDateTime is in this case when the original was sent.

transportInstructionIdentification is the same as for the Transport Instruction to be updated.

logisticUnit in

transportInstructionConsignmentItem in transportInstructionConsignment:

The SSCC codes of the logisticUnits are added to the logisticUnit elements. They will replace the zeros in the initial Transport Instruction.

```

    ▲ ● sh:StandardBusinessDocumentHeader 1.0
      ● sh:HeaderVersion 1.0
      ▶ ● sh:Sender 4098765000012
      ▶ ● sh:Receiver 4098765000010
      ▲ ● sh:DocumentIdentification GS1
        ● sh:Standard GS1
        ● sh:TypeVersion 3.0
        ● sh:InstanceIdentifier 100044
        ● sh:Type Transport Instruction
        ● sh:MultipleType true
        ● sh:CreationDateAndTime 2011-07-25T18:00:00.0Z
      ▲ ● transportInstruction 2011-07-25T18:00:00.0Z
        ● creationDateTime 2011-07-25T18:00:00.0Z
        ● documentStatusCode ORIGINAL
        ● documentActionCode CHANGE_BY_REFRESH
        ● lastUpdateDateTime 2011-07-25T15:00:00.0Z
      ▲ ● transportInstructionIdentification TRINC00005
        ● entityIdentification TRINC00005
        ● transportInstructionFunction CONSIGNMENT
      ▶ ● logisticServicesSeller 4098765000010
      ▶ ● logisticServicesBuyer 4098765000012
      ▶ ● transportInstructionConsignment 7365566156191234504
      ▲ ● transportInstructionConsignment
        ● ginc
        ▶ ● consignor
        ▶ ● consignee
        ▶ ● pickupParty
        ▶ ● dropOffParty
        ▶ ● transportInstructionTerms
        ▶ ● transportCargoCharacteristics
        ▶ ● plannedPickUp
        ▶ ● plannedDropOff
        ▶ ● transportInstructionTransportMovement
        ▶ ● deliveryTerms
        ▶ ● containedShipmentReference
        ▶ ● containedShipmentReference
        ▶ ● handlingInstruction
        ▶ ● includedTransportEquipment
      ▲ ● transportInstructionConsignmentItem
        ● lineItemNumber
        ▶ ● transportCargoCharacteristics
        ▶ ● logisticUnit 123456789123456700
        ▶ ● logisticUnit 123456789123456701
        ▶ ● logisticUnit 123456789123456702
        ▶ ● handlingInstruction
      ▲ ● transportInstructionConsignmentItem
        ● lineItemNumber
        ▶ ● transportCargoCharacteristics
        ▶ ● logisticUnit 123456789123456703
        ▶ ● logisticUnit 123456789123456704
        ▶ ● logisticUnit 123456789123456705
  
```

Figure 43 Transport Instruction with update

5.17 How to update the time schedule?

This example is related to the scenario described in chapter 4. The previous leg is delayed, and the service request to the RAIL CARRIER has to be changed. The FORWARDER sends an updated Transport Instructions to the RAIL CARRIER.

DocumentIdentification in StandardBusinessDocumentHeader:

The InstanceIdentifier must be updated as well as the CreationDateAndTime.

transportInstruction:

To indicate that this is an update the documentActionCode value is set to CHANGE_BY_REFRESH.

lastUpdateDateTime is in this case when the original TransportInstruction message was sent.

transportInstructionIdentification is the same as for the Transport Instruction to be updated.

plannedPickUp is updated according to new needs.

- ▲ ● sh:StandardBusinessDocumentHeader 1.0
 - sh:HeaderVersion 1.0
 - ▷ ● sh:Sender 4098765000012
 - ▷ ● sh:Receiver 4098765000123
 - ▲ ● sh:DocumentIdentification GS1
 - sh:Standard GS1
 - sh:TypeVersion 3.0
 - sh:InstanceIdentifier 100004
 - sh:Type Transport Instruction
 - sh:CreationDateAndTime 2011-08-01T08:00:00.0Z
 - ▲ ● transportInstruction 2011-08-01T08:00:00.0Z
 - creationDateTime 2011-08-01T08:00:00.0Z
 - documentStatusCode ORIGINAL
 - documentActionCode CHANGE_BY_REFRESH
 - lastUpdateDateTime 2011-07-25T14:00:00.0Z
 - ▷ ● transportInstructionIdentification TRINC00003
 - transportInstructionFunction CONSIGNMENT
 - ▷ ● logisticServicesSeller 4098765000022
 - ▷ ● logisticServicesBuyer 4098765000012
 - ▲ ● transportInstructionConsignment 7365566156191234568
 - ginc 7365566156191234568
 - ▷ ● consignor 4098765000012
 - ▷ ● consignee 4098765000123
 - ▷ ● pickupParty 0000000000000
 - ▷ ● dropOffParty 0000000000000
 - ▷ ● transportInstructionTerms 3
 - ▷ ● transportCargoCharacteristics 12
 - ▲ ● plannedPickUp
 - ▲ ● logisticLocation FORWARDER DC
 - locationName FORWARDER DC
 - ▷ ● address Hamburg
 - ▲ ● logisticEventDateTime 2011-08-01
 - date 2011-08-01
 - time 17:00:00.0Z
 - ▲ ● plannedDropOff
 - ▷ ● logisticLocation DEKEL
 - ▲ ● logisticEventDateTime 2011-08-06
 - date 2011-08-06
 - time 19:00:00.0Z
 - ▷ ● transportInstructionTransportMovement 1
 - ▷ ● deliveryTerms Place the pallets from the shipment clos
 - ▷ ● handlingInstruction 1
 - ▷ ● transportInstructionConsignmentItem 1
 - ▷ ● transportInstructionConsignmentItem 2

Figure 44 Transport Instruction with update (1 of 2)

5.18 How to do a cancellation?

Using the scenario in section 4 as an example, the FORWARDER requests a service from ROAD CARRIER 2 who is the LSP for the road transport from Oslo port terminal to the final destination in Hamar. If allowed by the contract, the FORWARDER can send a cancellation to ROAD CARRIER 2. Figure 45 shows an example of the Transport Instruction message used for this purpose.

transportInstructionIdentification in transportInstruction:

The ID of the transportInstruction should be the same as for the original transportInstruction.

documentActionCode in transportInstruction:

The value is set to DELETE.

```

    ▲ ● sh:StandardBusinessDocumentHeader 1.0
        ● sh:HeaderVersion 1.0
        ▶ ● sh:Sender 4098765000012
        ▶ ● sh:Receiver 0000000000000
        ▲ ● sh:DocumentIdentification GS1
            ● sh:Standard GS1
            ● sh:TypeVersion 3.0
            ● sh:InstanceIdentifier 100029
            ● sh>Type Transport Instruction
            ● sh:CreationDateAndTime 2011-07-25T14:00:00.000+01:00
    ▲ ● transportInstruction 2011-08-25T14:00:00.000+01:00
        ● creationDateTime 2011-08-25T14:00:00.000+01:00
        ● documentStatusCode ORIGINAL
        ● documentActionCode DELETE
        ● lastUpdateDateTime 2011-07-25T15:10:00.000+01:00
        ▶ ● transportInstructionIdentification TRINC00011
        ● transportInstructionFunction CONSIGNMENT
        ▶ ● logisticServicesSeller ROAD_CARRIER_2
        ▶ ● logisticServicesBuyer 4098765000012
    
```

Figure 45 Cancellation example

5.19 How to use the Identifiers?

The Transport Instruction XSD arrange for the use of either GS1 identifiers or alternative identifiers. The GS1 identifier element is always included, but if alternative identifiers are used, the value is set to a number of zeros equal to the minimum number of digits in the GS1 identifier as illustrated by the example in Figure 46.

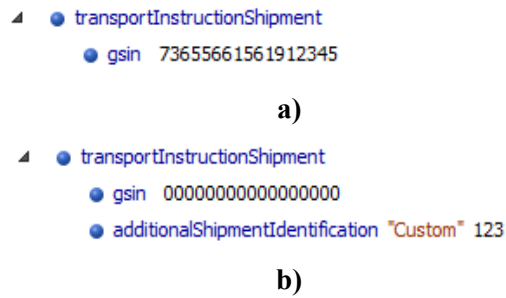


Figure 46 Shipment identification example: a) GS1 GSIN identifier b) Alternative identifier

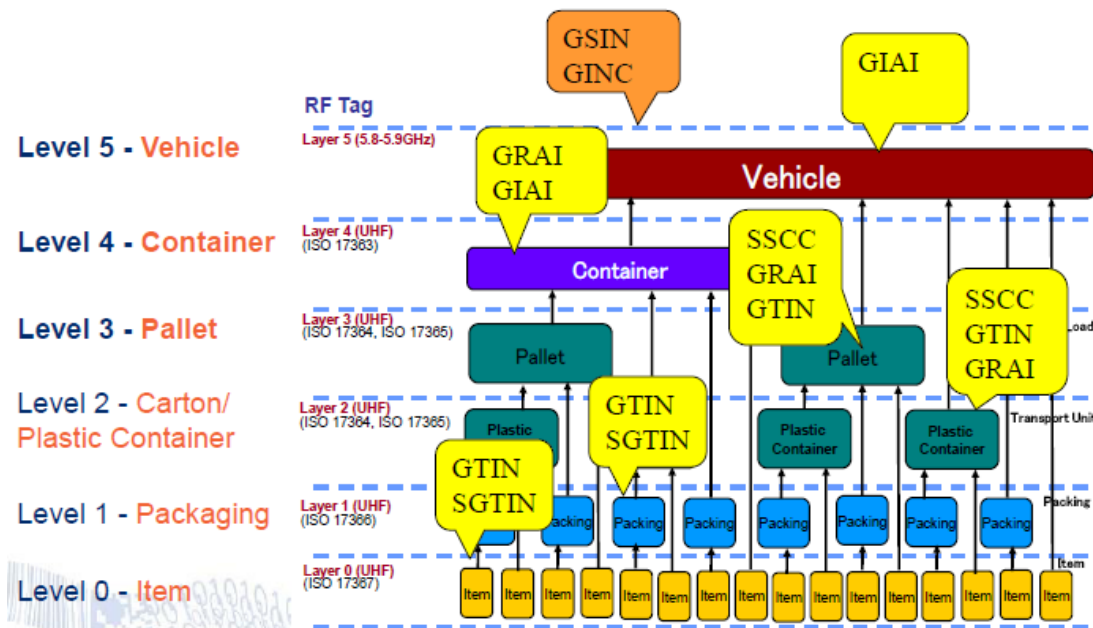


Figure 47 GS1 Identifiers (ref. Mia Lenman, GS1 Sweden)

Table 13 GS1 identifiers

GS1 identifier	Description	Used to identify	Numbers of digits
GSIN	Global Shipment Identification Number	A grouping of logistics units that comprise a shipment	17
GINC	Global Identification Number for Consignment	A grouping of logistics units that are assembled to be transported together under one transport message (should not be confused with shipment which identifies a grouping for trade purposes)	Minimum 4 Maximum 30
GRAI	Global Returnable Asset Identifier	Reusable package or transport equipment that is considered an asset. Assigned for the lifetime of the asset.	Minimum 14 Maximum 30
GIAI	Global Individual Asset Identifier	A diverse range of business applications, for example recording the life cycle history of an asset.	Minimum 4 Maximum 30
GTIN	Global Trade Item Number	Any item (product or service) that may be priced, or ordered, or invoiced at any point in any supply chain	14
SGTIN	Serial Global Trade Item Number	Same as GTIN, but a sequence number is added for unique identification.	Minimum 15
SSCC	Serial Shipping Container Code	Any item of any composition established for transport and/or storage which needs to be managed through the supply chain. Assigned for the lifetime of the item.	18
GLN	Global Location Number	Physical locations and legal entities ² .	13

² According to common practice different receivers have different GLNs to the same location, e.g. to the same warehouse. This is not the correct use of GLN, but many of the current systems are based upon such use of GLN.

5.20 How to make references?

It may be necessary to refer to documents and identifiers that are related to the Transport Instruction. This may for example be references to contracts, customs declarations, etc.

Such references can be provided by means of the TransportReference element in the transportInstructionConsignment, transportInstructionConsignmentItem, transportInstructionShipment and transportInstructionShipmentItem elements.

Figure 48 provides an example of a reference. The transportReferenceTypeCode indicates the type of the reference. The Transport Reference Type Code list contains predefined codes that are to be used (see C.4). The entityIdentification contains the reference value.

```

▲ ● transportReference 12345
    ● entityIdentification 12345
    ● transportReferenceTypeCode ABT
    
```

Figure 48 transportReference example

5.21 How to book transport without logistics unit identifiers?

The identification keys of the logistics units may not be known when the first Transport Instruction is sent. In such cases the identification keys cannot be provided. However transportEquipmentTypeCode and packageTypeCode as well as a description of for example the number of packets, weight and volume should be provided if known when the TransportInstruction message is sent to the Transport Service Provider.

At any time the LSC (who for example may receive the identifiers in a Transport Status Notification) may update the Transport Instruction and provide the actual identifiers (see section 5.16).

5.22 How to handle customs?

This section is related to the scenario in section 4.

The information exchange with the customs is outside the scope of this implementation guide since this communication is defined in standards issued by or approved by customs authorities. However, in case of import or export, there will be some links between the Transport Instruction and the customs. Thus, in the Transport Instruction a references to relevant documentation can be made by means of the `transportReference` element in the `transportInstructionShipment` or `transportInstructionConsignment` (see section 5.20). The `transportReferenceTypeCode` should be set to the relevant value, e.g. "Customs declaration number".

On reception of references to customs related information, the must pass this information to the operator that accomplishes the transport that crosses the border line. Depending on the INCOTERMS, information may also have to be provided to the import agent and/or the export agent.

In the scenario in section 4 RECEIVER 2 has prior to the transport arranged for a customs declaration of the three pallets, and the customs clearance is carried out independent of the scenario. The FORWARDER gets a reference to the customs declaration. The FORWARDER has to pass this information to the SEA CARRIER, whom is responsible for the actual transport into the country. This is done by the `transportReference` element.

RECEIVER 2 may as an alternative to the above book a customs broking service, e.g. from the TERMINAL OPERATOR, but this is not a part of the scenario.

5.23 How to describe that power supply is required?

Transport equipment (e.g. a trailer or a container) or the cargo itself may need power supply during the transport. This is specified in the handlingInstruction element in the transportInstructionConsignment:

- The handlingInstructionCode is set to "Power supply"
- If the number of required power outlets need to be specified, this is done in the handlingInstructionText element.

6 Overview of supporting services

The Transport Instruction transaction consists of a Transport Instruction message sent from a LSC to a LSP who in turn responds by sending back a Transport Instruction Response message. The fundamental services that are needed are: the possibility to create a new Transport Instruction; to update an existing Transport Instruction; and to cancel an existing Transport Instruction.

Due to the asynchronous nature of the Transport Instruction transaction (i.e. there may take a long time from the Transport Instruction is received to the Transport Instruction Response is sent), each interaction should be realised as a service with a request and an acknowledge. The required services are listed in Table 14.

Table 14 Transport Instruction Services

Services	Message involved	Explanation
CreateTransportRequest	Transport Instruction	A new Transport Instruction sent from a LSC to a LSP.
CreateTransportResponse	Transport Instruction Response	A response to a request sent from a LSP to a LSC.
UpdateTransportRequest	Transport Instruction	An update of an existing Transport Instruction sent from the LSC to the LSP.
UpdateTransportResponse	Transport Instruction Response	A response to the update sent from the LSP to the LSC.
CancelTransportRequest	Transport Instruction	A request for a cancellation of an existing Transport Instruction sent from the LSC to the LSP.
CancelTransportResponse	Transport Instruction Response	A response to a cancellation message of a Transport Instruction using the Transport Instruction Response. Sent from the LSP to the LSC.

In the CreateTransportRequest service a Transport Instruction message is sent as a request from the LSC to the LSP as illustrated in Figure 49. The LSP responds by confirming receipt.

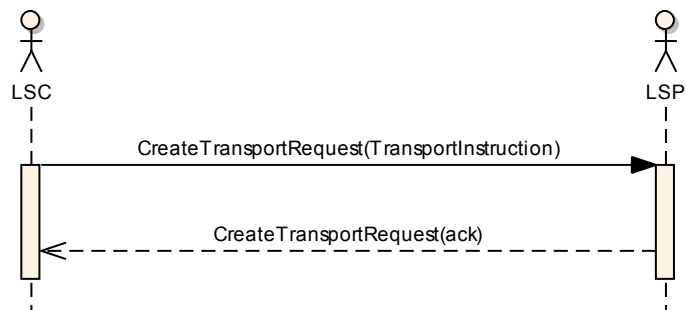


Figure 49 CreateTransportRequest Service

In the CreateTransportResponse service a Transport Instruction Response message is sent from the LSP to the LSC. The LSC responds by confirming receipt with an acknowledgement.

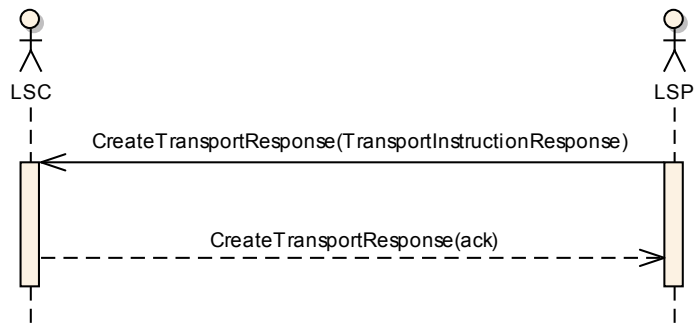


Figure 50 CreateTransportRequestResponse Service

In the UpdateTransportRequest service the LSC includes a Transport Instruction element. The LSP responds with an acknowledgement of receipt.

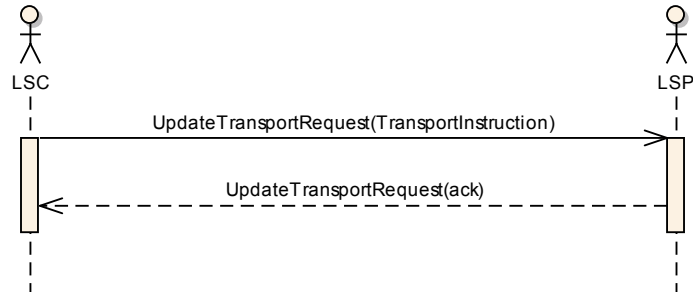


Figure 51 UpdateTransportRequest Service

In the UpdateTransportResponse service the LSP confirms the Transport Instruction by sending a Transport Instruction Response. The LSC confirms receipt by sending back an acknowledgement.

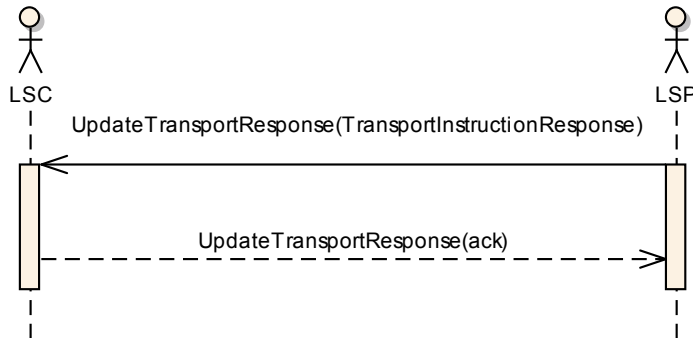


Figure 52 UpdateTransportResponse Service

In the CancelTransportRequest service the LSC includes a Transport Instruction element. The LSP responds with an acknowledgement of receipt.

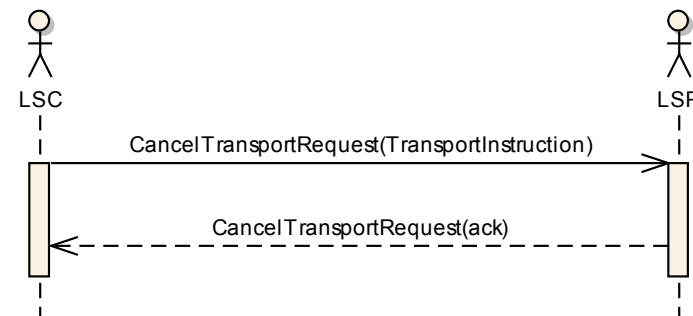


Figure 53 CancelTransportRequest Service

In the CancelTransportResponse service the LSP issues a Transport Instruction Response message. The LSC confirms reception by sending back an acknowledgement.

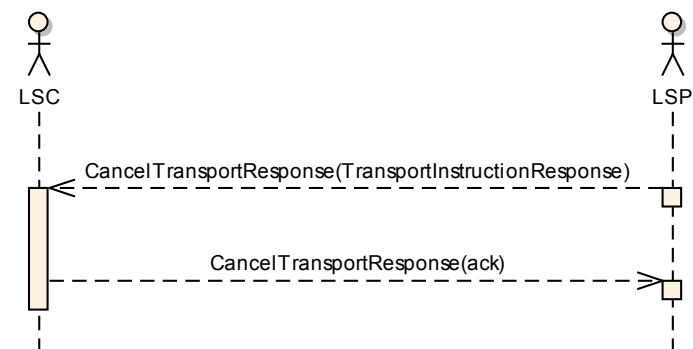


Figure 54 CancelTransportResponse Service

Annex A. Transport Instruction and Response XML examples

This annex provides some examples of full messages. There may be some inconsistencies in the message content details, but the messages should provide a fair good overview of what the content could look like.

A.1. Transport Instruction (Shipment) from RECEIVER 2 to FORWARDER

- `transport_instruction:transportInstructionMessage` <http://www.w3.org/2001/XMLSchema>
- ▲ ● `sh:StandardBusinessDocumentHeader` 1.0
 - `sh:HeaderVersion` 1.0
 - ▲ ● `sh:Sender` 7365566156191
 - `sh:Identifier` "GS1" 7365566156191
 - ▲ ● `sh:ContactInformation` Per Kristiansen
 - `sh:Contact` Per Kristiansen
 - `sh:EmailAddress` per@receiver2.no
 - `sh:TelephoneNumber` +4792894444
 - `sh:ContactTypeIdentifier` Buyer
 - ▲ ● `sh:Receiver` 4098765000012
 - `sh:Identifier` "GS1" 4098765000012
 - ▲ ● `sh:ContactInformation` Jon Hansson
 - `sh:Contact` Jon Hansson
 - `sh:EmailAddress` jon@forwarder.no
 - `sh:TelephoneNumber` +4794651111
 - `sh:ContactTypeIdentifier` Seller
 - ▲ ● `sh:DocumentIdentification` GS1
 - `sh:Standard` GS1
 - `sh:TypeVersion` 3.0
 - `sh:InstanceIdentifier` 100001
 - `sh:Type` Transport Instruction
 - `sh:CreationDateAndTime` 2011-07-25T13:00:00.000+01:00
 - ▲ ● `sh:BusinessScope`
 - ▲ ● `sh:Scope` CS
 - `sh:Type` CS
 - `sh:InstanceIdentifier`
 - `sh:Identifier` urn:meta:ecom:transport_instruction_CS:xsd:3
 - ▲ ● `transportInstruction` 2011-07-25T13:00:00.000+01:00
 - `creationDateTime` 2011-07-25T13:00:00.000+01:00
 - `documentStatusCode` ORIGINAL
 - `lastUpdateDateTime` 2011-07-25T13:00:00.000+01:00
 - ▲ ● `transportInstructionIdentification` TRINS00001
 - `entityIdentification` TRINS00001
 - `transportInstructionFunction` SHIPMENT
 - ▲ ● `logisticServicesSeller` 4098765000012
 - `gln` 4098765000012
 - ▲ ● `contact` Jon Hansson
 - `personName` Jon Hansson
 - ▲ ● `communicationChannel` E-mail
 - `communicationChannelCode` E-mail
 - `communicationValue` jon@forwarder.no
 - ▲ ● `communicationChannel` Telephone
 - `communicationChannelCode` Telephone

- communicationValue +4794651111
- ▲ ● organisationDetails FORWARDER
 - organisationName FORWARDER
- ▲ ● logisticServicesBuyer 7365566156191
 - gln 7365566156191
 - ▲ ● contact Per Kristiansen
 - personName Per Kristiansen
 - ▲ ● communicationChannel E-mail
 - communicationChannelCode E-mail
 - communicationValue per@receiver2.no
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4792894444
 - ▲ ● organisationDetails RECEIVER 2
 - organisationName RECEIVER 2
- ▲ ● transportInstructionShipment 73655661561912345
 - gsin 73655661561912345
 - ▲ ● receiver 7365566156191
 - gln 7365566156191
 - additionalPartyIdentification "Party reference" RECEIVER 2
 - ▲ ● organisationDetails RECEIVER 2
 - organisationName RECEIVER 2
 - ▲ ● shipper 7365566156190
 - gln 7365566156190
 - additionalPartyIdentification "Party reference" SENDER 1
 - ▲ ● organisationDetails SENDER 1
 - organisationName SENDER 1
 - ▲ ● shipTo 7365566156191
 - gln 7365566156191
 - ▲ ● contact Per Kristiansen
 - personName Per Kristiansen
 - ▲ ● communicationChannel E-mail
 - communicationChannelCode E-mail
 - communicationValue per@receiver2.no
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4792894444
 - ▲ ● organisationDetails RECEIVER 2
 - organisationName RECEIVER 2
 - ▲ ● shipFrom 7365566156190
 - gln 7365566156190
 - ▲ ● organisationDetails SENDER 1
 - organisationName SENDER 1

- ▲ ● importAgent 4098765000044
 - gln 4098765000044
 - ▲ ● contact TERMINAL OPERATOR
 - personName TERMINAL OPERATOR
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4792556644
 - ▲ ● organisationDetails TERMINAL OPERATOR
 - organisationName TERMINAL OPERATOR
- ▲ ● exportAgent 0000000000000
 - gln 0000000000000
 - ▲ ● contact Hans Franck
 - personName Hans Franck
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4923651254
 - ▲ ● organisationDetails Export Service LTD
 - organisationName Export Service LTD
- ▲ ● transportInstructionTerms 3
 - transportServiceCategoryType 3
- ▲ ● transportCargoCharacteristics 12
 - cargoTypeCode 12
 - countryOfOriginCode DE
 - finalDestinationCountry NO
 - totalGrossVolume "MTQ" 3.4
 - totalGrossWeight "KGM" 2250
 - totalTransportNetWeight "KGM" 2160
 - totalLoadingLength "MTR" 3.6
 - totalPackageQuantity 150
- ▲ ● plannedDelivery
 - ▲ ● logisticLocation
 - ▲ ● address Hamar
 - city Hamar
 - countryCode NO
 - postalCode 2304
 - streetAddressOne Jølstadbakken 2
 - ▲ ● logisticEventDateTime 2011-08-09
 - date 2011-08-09
 - time 14:00:00.0Z
- ▲ ● plannedDespatch
 - ▲ ● logisticLocation SENDER 1
 - locationName SENDER 1

- address Munchen
 - city Munchen
 - countryCode DE
 - postalCode 80331
 - streetAddressOne Putzbannerstrasse 3
 - logisticEventDateTime 2011-08-01
 - date 2011-08-01
 - time 14:00:00.0Z
 - deliveryTerms FOB
 - incotermsCode FOB
 - deliveryInstructions "EN" Once the pallets are ready for unloading in Jølstadbakken
 - deliveryTermsLocation DEKEL
 - unLocationCode DEKEL
 - transportReference 12345
 - entityIdentification 12345
 - transportReferenceTypeCode ABT
 - handlingInstruction 1
 - handlingInstructionCode 1
 - handlingInstructionText "EN" Pharmaceuticals should be handled with care and be
 - transportInstructionShipmentItem 1
 - lineItemNumber 1
 - !- At this time the ssc's are not known
 - logisticUnit 00000000000000000000
 - ssc 00000000000000000000
 - grossWeight "KGM" 750
 - dimension 1.2
 - depth "MTR" 1.2
 - height "MTR" 1.2
 - width "MTR" 0.8
 - logisticUnit 00000000000000000000
 - ssc 00000000000000000000
 - grossWeight "KGM" 750
 - dimension 1.2
 - depth "MTR" 1.2
 - height "MTR" 1.2
 - width "MTR" 0.8
 - logisticUnit 00000000000000000000
 - ssc 00000000000000000000
 - grossWeight "KGM" 750
 - dimension 1.2
 - depth "MTR" 1.2
 - height "MTR" 1.2
 - width "MTR" 0.8

- ▲ ● transactionalTradeItem 0000000000000000
 - gtin 0000000000000000
 - tradeItemQuantity 1000
 - tradeItemDescription "EN" Pharmaceuticals: Antibiotics
- ▲ ● transactionalItemData 1234422
 - batchNumber 1234422
 - productionDate 2011-06-22
- ▲ ● transportCargoCharacteristics 12
 - cargoTypeCode 12
 - harmonizedSystemCode 294110
 - cargoTypeDescription "EN" Antibiotics
 - countryOfOriginCode DE
 - finalDestinationCountry NO
 - totalGrossVolume "MTQ" 3.4
 - totalGrossWeight "KGM" 2250
 - totalTransportNetWeight "KGM" 2160
 - totalLoadingLength "MTR" 3.6
 - declaredValueForCustoms "EUR" 10000
 - totalPackageQuantity 150
 - totalItemQuantity 3000
- ▲ ● handlingInstruction 1
 - handlingInstructionCode 1
 - handlingInstructionText "EN" Not to be stored with liquids

A.2. Transport Instruction Response from FORWARDER to RECEIVER 2 (Fully accepted)

- transport_instruction_response:transportInstructionResponseMessage <http://www.w3.org/2003/05/soap-envelope>
- ▲ ● sh:StandardBusinessDocumentHeader 1.0
 - sh:HeaderVersion 1.0
 - ▲ ● sh:Sender 4098765000012
 - sh:Identifier "GS1" 4098765000012
 - ▲ ● sh:ContactInformation Jon Hansson
 - sh:Contact Jon Hansson
 - sh:EmailAddress jon@forwarder.no
 - sh:TelephoneNumber +4794651111
 - sh:ContactTypeIdentifier Seller
 - ▲ ● sh:Receiver 7365566156191
 - sh:Identifier "GS1" 7365566156191
 - ▲ ● sh:ContactInformation Per Kristiansen
 - sh:Contact Per Kristiansen
 - sh:EmailAddress per@receiver2.no
 - sh:TelephoneNumber +4792894444
 - sh:ContactTypeIdentifier Buyer
 - ▲ ● sh:DocumentIdentification GS1
 - sh:Standard GS1
 - sh:TypeVersion 3.0
 - sh:InstanceIdentifier 100002
 - sh:Type Transport Instruction Response
 - sh:CreationDateAndTime 2011-07-25T13:30:00.000+01:00
 - ▲ ● sh:BusinessScope
 - ▲ ● sh:Scope CS
 - sh:Type CS
 - sh:InstanceIdentifier
 - sh:Identifier urn:meta:ecom:transport_instruction_response_CS:xsd:3
 - ▲ ● transportInstructionResponse 2011-07-25T13:30:00.000+01:00
 - creationDateTime 2011-07-25T13:30:00.000+01:00
 - documentStatusCode ORIGINAL
 - lastUpdateDateTime 2011-07-25T13:30:00.000+01:00
 - ▲ ● transportInstructionResponseIdentification TRINR00001
 - entityIdentification TRINR00001
 - responseType FULLY_ACCEPTED
 - ▲ ● logisticServicesSeller 4098765000012
 - gln 4098765000012
 - ▲ ● contact Jon Hansson
 - personName Jon Hansson
 - ▲ ● communicationChannel E-mail
 - communicationChannelCode E-mail
 - communicationValue jon@forwarder.no
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4794651111
 - ▲ ● organisationDetails FORWARDER
 - organisationName FORWARDER
 - ▲ ● logisticServicesBuyer 7365566156191
 - gln 7365566156191
 - ● contact Per Kristiansen
 - ● organisationDetails RECEIVER 2
 - ● transportInstruction TRINS00001

A.3. Transport Instruction Response from FORWARDER to RECEIVER 2 (Partially accepted)

- transport_instruction_response:transportInstructionResponseMessage <http://www.w3.org>
- ▲ ● sh:StandardBusinessDocumentHeader 1.0
 - sh:HeaderVersion 1.0
 - ▲ ● sh:Sender 4098765000012
 - sh:Identifier "GS1" 4098765000012
 - ▲ ● sh:ContactInformation Jon Hansson
 - sh:Contact Jon Hansson
 - sh:EmailAddress jon@forwarder.no
 - sh:TelephoneNumber +4794651111
 - sh:ContactTypeIdentifier Seller
 - ▲ ● sh:Receiver 7365566156191
 - sh:Identifier "GS1" 7365566156191
 - ▲ ● sh:ContactInformation Per Kristiansen
 - sh:Contact Per Kristiansen
 - sh:EmailAddress per@receiver2.no
 - sh:TelephoneNumber +4792894444
 - sh:ContactTypeIdentifier Buyer
 - ▲ ● sh:DocumentIdentification GS1
 - sh:Standard GS1
 - sh:TypeVersion 3.0
 - sh:InstanceIdentifier 100002
 - sh:Type Transport Instruction Response
 - sh:CreationDateAndTime 2011-07-25T13:30:00.000+01:00
 - ▲ ● sh:BusinessScope
 - ▲ ● sh:Scope CS
 - sh:Type CS
 - sh:InstanceIdentifier
 - sh:Identifier urn:meta:ecom:transport_instruction_response_CS:xsd:3
- ▲ ● transportInstructionResponse 2011-07-25T13:30:00.000+01:00
 - creationDateTime 2011-07-25T13:30:00.000+01:00
 - documentStatusCode ORIGINAL
 - lastUpdateDateTime 2011-07-25T13:30:00.000+01:00
 - ▲ ● transportInstructionResponseIdentification TRINR00001
 - entityIdentification TRINR00001
 - responseType PARTIALLY_ACCEPTED
 - ▲ ● logisticServicesSeller 4098765000012
 - gln 4098765000012
 - ▲ ● contact Jon Hansson
 - personName Jon Hansson
 - ▲ ● communicationChannel E-mail
 - communicationChannelCode E-mail
 - communicationValue jon@forwarder.no

- communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4792894444
 - organisationDetails RECEIVER 2
 - organisationName RECEIVER 2
- transportInstruction TRINS00001
 - entityIdentification TRINS00001
 - creationDateTime 2011-07-25T13:00:00.000+01:00
- transportInstructionShipment 73655661561912345
 - gsin 73655661561912345
 - transportInstructionStatusCode MODIFIED
 - transportInstructionStatusDescription "EN" Can only accept two of the logistics units!
- receiver 7365566156191
 - gln 7365566156191
 - additionalPartyIdentification "Party reference" RECEIVER 2
 - organisationDetails RECEIVER 2
 - organisationName RECEIVER 2
- shipper 7365566156190
 - gln 7365566156190
 - additionalPartyIdentification "Party reference" SENDER 1
 - organisationDetails SENDER 1
 - organisationName SENDER 1
- shipTo 7365566156191
 - gln 7365566156191
 - contact Per Kristiansen
 - personName Per Kristiansen
 - communicationChannel E-mail
 - communicationChannelCode E-mail
 - communicationValue per@receiver2.no
 - communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4792894444
 - organisationDetails RECEIVER 2
 - organisationName RECEIVER 2
- shipFrom 7365566156190
 - gln 7365566156190
 - organisationDetails SENDER 1
 - organisationName SENDER 1
- importAgent 0000000000000
 - gln 0000000000000
 - contact Jonas Bergkvist
 - personName Jonas Bergkvist

- communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4722465784
 - organisationDetails Import Service AS
 - organisationName Import Service AS
 - exportAgent 0000000000000
 - gln 0000000000000
 - contact Hans Franck
 - personName Hans Franck
 - communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4923651254
 - organisationDetails Export Service LTD
 - organisationName Export Service LTD
 - transportInstructionTerms 3
 - transportServiceCategoryType 3
 - transportCargoCharacteristics 12
 - cargoTypeCode 12
 - countryOfOriginCode DE
 - finalDestinationCountry NO
 - totalGrossVolume "MTQ" 3,4
 - totalGrossWeight "KGM" 2250
 - totalTransportNetWeight "KGM" 2160
 - totalLoadingLength "MTR" 3,6
 - totalPackageQuantity 150
 - plannedDelivery
 - logisticLocation
 - address Hamburg
 - city Hamburg
 - countryCode DE
 - postalCode 20999
 - streetAddressOne Billwerder 24
 - logisticEventDateTime 2011-08-02
 - date 2011-08-02
 - time 14:00:00.0Z
 - plannedDespatch
 - logisticLocation SENDER 1
 - locationName SENDER 1
 - address Munchen
 - city Munchen
 - countryCode DE
 - postalCode 80331
 - streetAddressOne Putzbannerstrasse 3

- ▲ ● logisticEventDateTime 2011-08-01
 - date 2011-08-01
 - time 14:00:00.02
- ▲ ● deliveryTerms FOB
 - incotermsCode FOB
 - deliveryInstructions "EN" Once the pallets are ready for unloading in Jølstadbakken
- ▲ ● deliveryTermsLocation DEKEL
 - unLocationCode DEKEL
- !- Added when the TI is partially accepted
- ▲ ● handlingInstruction 1
 - handlingInstructionCode 1
 - handlingInstructionText "EN" Pharmaceuticals should be handled with care and be
- ▲ ● transportInstructionShipmentItem 1
 - lineItemNumber 1
 - !- At this time the ssc's are not known
 - ▲ ● logisticUnit 000000000000000000
 - ssc 000000000000000000
 - grossWeight "KGM" 750
 - ▲ ● dimension 1.2
 - depth "MTR" 1.2
 - height "MTR" 1.2
 - width "MTR" 0.8
 - ▲ ● logisticUnit 000000000000000000
 - ssc 000000000000000000
 - grossWeight "KGM" 750
 - ▲ ● dimension 1.2
 - depth "MTR" 1.2
 - height "MTR" 1.2
 - width "MTR" 0.8
 - ▲ ● transactionalTradeItem 0000000000000000
 - gtin 0000000000000000
 - tradeItemQuantity 1000
 - tradeItemDescription "EN" Pharmaceuticals: Antibiotics
 - ▲ ● transactionalItemData 1234422
 - batchNumber 1234422
 - productionDate 2011-06-22
 - ▲ ● transportCargoCharacteristics 12
 - cargoTypeCode 12
 - harmonizedSystemCode 294110
 - cargoTypeDescription "EN" Antibiotics
 - countryOfOriginCode DE
 - finalDestinationCountry NO
 - totalGrossVolume "MTQ" 3.4
 - totalGrossWeight "KGM" 2250
 - totalTransportNetWeight "KGM" 2160
 - totalLoadingLength "MTR" 3.6
 - declaredValueForCustoms "EUR" 10000
 - totalPackageQuantity 150
 - totalItemQuantity 3000
 - ▲ ● handlingInstruction 1
 - handlingInstructionCode 1
 - handlingInstructionText "EN" Not to be stored with liquids

A.4. Transport Instruction from FORWARDER to SEA CARRIER

 [transport_instruction:transportInstructionMessage](http://www.w3.org/2001/XMLSchema) <http://www.w3.org/2001/XMLSchema>

- ▲ ● sh:StandardBusinessDocumentHeader 1.0
 - sh:HeaderVersion 1.0
 - ▲ ● sh:Sender 4098765000012
 - sh:Identifier "GS1" 4098765000012
 - ▲ ● sh:ContactInformation Jon Hansson
 - sh:Contact Jon Hansson
 - sh:EmailAddress jon@forwarder.no
 - sh:TelephoneNumber +4794651111
 - sh:ContactTypeIdentifier Buyer
 - ▲ ● sh:Receiver 4098765000010
 - sh:Identifier "GS1" 4098765000010
 - ▲ ● sh:ContactInformation Jon Persson
 - sh:Contact Jon Persson
 - sh:EmailAddress jon@ferryoperator.se
 - sh:TelephoneNumber +4694651111
 - sh:ContactTypeIdentifier Seller
 - ▲ ● sh:DocumentIdentification GS1
 - sh:Standard GS1
 - sh:TypeVersion 3.0
 - sh:InstanceIdentifier 100004
 - sh:Type Transport Instruction
 - sh:MultipleType true
 - sh:CreationDateAndTime 2011-07-25T15:00:00.0Z
 - ▲ ● sh:BusinessScope
 - ▲ ● sh:Scope SCCU
 - sh:Type SCCU
 - sh:InstanceIdentifier
 - Identifier urn:meta:ecom:transport_instruction_SCCU
 - ▲ ● transportInstruction 2011-07-25T15:00:00.0Z
 - creationDateTime 2011-07-25T15:00:00.0Z
 - documentStatusCode ORIGINAL
 - lastUpdateDateTime 2011-07-25T15:00:00.0Z
 - ▲ ● transportInstructionIdentification TRINC00004
 - entityIdentification TRINC00004
 - transportInstructionFunction CONSIGNMENT
 - ▲ ● logisticServicesSeller 4098765000010
 - gln 4098765000010
 - ▲ ● contact Jon Persson
 - personName Jon Persson
 - ▲ ● communicationChannel E-mail
 - communicationChannelCode E-mail
 - communicationValue jon@ferryoperator.se
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4694651111
 - ▲ ● organisationDetails SEA CARRIER
 - organisationName SEA CARRIER
 - ▲ ● logisticServicesBuyer 4098765000012
 - dln 4098765000012

- ▲ ● logisticServicesBuyer 4098765000012
 - gln 4098765000012
 - ▲ ● contact Jon Hansson
 - personName Jon Hansson
 - ▲ ● communicationChannel E-mail
 - communicationChannelCode E-mail
 - communicationValue jon@forwarder.no
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4794651111
 - ▲ ● organisationDetails FORWARDER
 - organisationName FORWARDER
- ▲ ● transportInstructionConsignment 7365566156191234504
 - ginc 7365566156191234504
 - ▲ ● consignor 4098765000012
 - gln 4098765000012
 - ▲ ● contact Peter Muller
 - personName Peter Muller
 - ▲ ● communicationChannel E-mail
 - communicationChannelCode E-mail
 - communicationValue peter@railcarrier.de
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4994652222
 - ▲ ● organisationDetails RAIL CARRIER
 - organisationName RAIL CARRIER
 - ▲ ● consignee TERMINAL_OPERATOR
 - additionalPartyIdentification "Party reference" TERMINAL_OPERATOR
 - ▲ ● contact Peter Nilsen
 - personName Peter Nilsen
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +479255664422
 - ▲ ● organisationDetails TERMINAL OPERATOR
 - organisationName TERMINAL OPERATOR
 - ▲ ● pickUpParty 0000000000000
 - gln 0000000000000
 - ▲ ● contact Johan Strauss
 - personName Johan Strauss
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4988776655
 - ▲ ● organisationDetails RAIL CARRIER
 - organisationName RAIL CARRIER

- ▲ ● pickUpParty 0000000000000
 - gln 0000000000000
 - ▲ ● contact Johan Strauss
 - personName Johan Strauss
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4988776655
 - ▲ ● organisationDetails RAIL CARRIER
 - organisationName RAIL CARRIER
 - ▲ ● dropOffParty TERMINAL_OPERATOR
 - additionalPartyIdentification "Party reference" TERMINAL_OPERATOR
 - ▲ ● contact Peter Nilsen
 - personName Peter Nilsen
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +479255664422
 - ▲ ● organisationDetails TERMINAL OPERATOR
 - organisationName TERMINAL OPERATOR
 - ▲ ● transportInstructionTerms 5 is consolidation
 - !- 5 is consolidation
 - transportServiceCategoryType 5
 - ▲ ● transportCargoCharacteristics 12
 - cargoTypeCode 12
 - countryOfOriginCode DE
 - finalDestinationCountry NO
 - totalGrossVolume "MTQ" 6.28
 - totalGrossWeight "KGM" 3750
 - totalTransportNetWeight "KGM" 3570
 - totalLoadingLength "MTR" 7.2
 - totalPackageQuantity 210
 - ▲ ● plannedPickUp
 - ▲ ● logisticLocation DEKEL
 - unLocationCode DEKEL
 - ▲ ● logisticEventDateTime 2011-08-06
 - date 2011-08-06
 - time 19:00:00.0Z
 - ▲ ● plannedDropOff
 - ▷ ● logisticLocation NOOSL
 - ▷ ● logisticEventDateTime 2011-08-07
 - ▲ ● transportInstructionTransportMovement 1
 - sequenceNumber 1
 - transportModeTypeCode 1
 - routeID "Ferry Operator Routes" 22

- ▲ ● carrier 0000000000000
 - gln 0000000000000
 - additionalPartyIdentification "Party reference" FerryOperator
- ▲ ● contact Jon Persson
 - personName Jon Persson
 - ▲ ● communicationChannel E-mail
 - communicationChannelCode E-mail
 - communicationValue jon@ferryoperator.se
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4694651111
- ▲ ● organisationDetails SEA CARRIER 1
 - organisationName SEA CARRIER 1
- ▲ ● transportMeans 1592
 - transportMeansType 1592
 - transportMeansName Freighter II
- ▲ ● plannedDeparture
 - ▲ ● logisticLocation DEKEL
 - unLocationCode DEKEL
 - ▲ ● logisticEventDateTime 2011-08-06
 - date 2011-08-06
 - time 19:00:00.0Z
- ▲ ● plannedArrival
 - ▲ ● logisticLocation NOOSL
 - unLocationCode NOOSL
 - ▲ ● logisticEventDateTime 2011-08-07
 - date 2011-08-07
 - time 09:00:00.0Z
- ▲ ● deliveryTerms Once the container is unloaded from the ferry it will
 - deliveryInstructions "EN" Once the container is unloaded from the ferry it will
- ▲ ● containedShipmentReference 73655661561912345
 - gsin 73655661561912345
- ▲ ● containedShipmentReference 73655661561912320
 - gsin 73655661561912320
- ▲ ● handlingInstruction 1
 - handlingInstructionCode 1
 - handlingInstructionText "EN" Pharmaceuticals should be handled with care and be
- ▲ ● includedTransportEquipment CN
 - transportEquipmentTypeCode CN
 - ● returnableAssetTypeIdentification 12345678912347
- ▲ ● transportInstructionShipment 73655661561912345
 - gsin 73655661561912345

- ▲ ● receiver 7365566156191
 - gln 7365566156191
 - additionalPartyIdentification "Party reference" RECEIVER 2
 - ▲ ● organisationDetails RECEIVER 2
 - organisationName RECEIVER 2
- ▲ ● shipper 7365566156190
 - gln 7365566156190
 - additionalPartyIdentification "Party reference" SENDER 1
 - ▲ ● organisationDetails SENDER 1
 - organisationName SENDER 1
- ▲ ● shipTo 7365566156191
 - gln 7365566156191
 - ▲ ● contact Per Kristiansen
 - personName Per Kristiansen
 - ▲ ● communicationChannel E-mail
 - communicationChannelCode E-mail
 - communicationValue per@receiver2.no
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4792894444
 - ▲ ● organisationDetails RECEIVER 2
 - organisationName RECEIVER 2
- ▲ ● shipFrom 7365566156190
 - gln 7365566156190
 - ▲ ● organisationDetails SENDER 1
 - organisationName SENDER 1
- ▲ ● importAgent 4098765000044
 - gln 4098765000044
 - ▲ ● contact TERMINAL OPERATOR
 - personName TERMINAL OPERATOR
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4792556644
 - ▲ ● organisationDetails TERMINAL OPERATOR
 - organisationName TERMINAL OPERATOR
- ▲ ● exportAgent 0000000000000
 - gln 0000000000000
 - ▲ ● contact Hans Franck
 - personName Hans Franck
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4923651254
 - ▲ ● organisationDetails Export Service LTD
 - organisationName Export Service LTD

- ▲ ● transportInstructionTerms 5 is consolidation
 - !- 5 is consolidation
 - transportServiceCategoryType 5
 - ▲ ● transportCargoCharacteristics 12
 - cargoTypeCode 12
 - countryOfOriginCode DE
 - finalDestinationCountry NO
 - totalGrossVolume "MTQ" 3.4
 - totalGrossWeight "KGM" 2250
 - totalTransportNetWeight "KGM" 2160
 - totalLoadingLength "MTR" 3.6
 - totalPackageQuantity 150
 - ▲ ● plannedDelivery
 - ▲ ● logisticLocation
 - ▲ ● address Hamar
 - city Hamar
 - countryCode NO
 - postalCode 2304
 - streetAddressOne Jølstadbakken 2
 - ▲ ● logisticEventDateTime 2011-08-09
 - date 2011-08-09
 - time 14:00:00.OZ
 - ▲ ● plannedDespatch
 - ▲ ● logisticLocation SENDER 1
 - locationName SENDER 1
 - ▲ ● address Munchen
 - city Munchen
 - countryCode DE
 - postalCode 80331
 - streetAddressOne Putzbannerstrasse 3
 - ▲ ● logisticEventDateTime 2011-08-01
 - date 2011-08-01
 - time 14:00:00.OZ
- ▲ ● deliveryTerms FOB
 - incotermsCode FOB
 - deliveryInstructions "EN" Once the pallets are ready for unloading in Jølstadbakken
 - ▲ ● deliveryTermsLocation DEKEL
 - unLocationCode DEKEL
- ▲ ● transportReference 12345
 - entityIdentification 12345
 - transportReferenceTypeCode VN
- ▲ ● handlingInstruction 1
 - handlingInstructionCode 1
 - handlingInstructionText "EN" Pharmaceuticals should be handled with care and be

- ▲ ● transportInstructionShipmentItem 1
 - lineItemNumber 1
 - !- At this time the sscs are not known
 - ▲ ● logisticUnit 00000000000000000000
 - ssc 00000000000000000000
 - grossWeight "KGM" 750
 - ▷ ● dimension 1.2
 - ▲ ● logisticUnit 00000000000000000000
 - ssc 00000000000000000000
 - grossWeight "KGM" 750
 - ▷ ● dimension 1.2
 - ▲ ● logisticUnit 00000000000000000000
 - ssc 00000000000000000000
 - grossWeight "KGM" 750
 - ▲ ● dimension 1.2
 - depth "MTR" 1.2
 - height "MTR" 1.2
 - width "MTR" 0.8
 - ▲ ● transactionalTradeItem 0000000000000000
 - gtin 0000000000000000
 - tradeItemQuantity 1000
 - tradeItemDescription "EN" Pharmaceuticals: Antibiotics
 - ▲ ● transactionalItemData 1234422
 - batchNumber 1234422
 - productionDate 2011-06-22
 - ▲ ● transportCargoCharacteristics 12
 - cargoTypeCode 12
 - harmonizedSystemCode 294110
 - cargoTypeDescription "EN" Antibiotics
 - countryOfOriginCode DE
 - finalDestinationCountry NO
 - totalGrossVolume "MTQ" 3.4
 - totalGrossWeight "KGM" 2250
 - totalTransportNetWeight "KGM" 2160
 - totalLoadingLength "MTR" 3.6
 - declaredValueForCustoms "EUR" 10000
 - totalPackageQuantity 150
 - totalItemQuantity 3000
 - ▲ ● handlingInstruction 1
 - handlingInstructionCode 1
 - handlingInstructionText "EN" Not to be stored with liquids

- ▲ ● transportInstructionShipment 73655661561912320
 - gsin 73655661561912320
 - ▲ ● receiver 7365566156444
 - gln 7365566156444
 - additionalPartyIdentification "Party reference" RECEIVER 1
 - ▲ ● organisationDetails RECEIVER 1
 - organisationName RECEIVER 1
 - ▲ ● shipper 7365566156111
 - gln 7365566156111
 - additionalPartyIdentification "Party reference" SENDER 2
 - ▲ ● organisationDetails SENDER 2
 - organisationName SENDER 2
 - ▲ ● shipTo 7365566156444
 - gln 7365566156444
 - ▲ ● contact Jan Paulsen
 - personName Jan Paulsen
 - ▲ ● communicationChannel E-mail
 - communicationChannelCode E-mail
 - communicationValue jan@receiver1.no
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4792224542
 - ▲ ● organisationDetails RECEIVER 1
 - organisationName RECEIVER 1
 - ▲ ● shipFrom 7365566156111
 - gln 7365566156111
 - ▲ ● organisationDetails SENDER 2
 - organisationName SENDER 2
 - ▲ ● importAgent 4098765000044
 - gln 4098765000044
 - ▲ ● contact TERMINAL OPERATOR
 - personName TERMINAL OPERATOR
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4792556644
 - ▲ ● organisationDetails TERMINAL OPERATOR
 - organisationName TERMINAL OPERATOR
 - ▲ ● exportAgent 0000000000000
 - gln 0000000000000
 - ▲ ● contact Hans Franck
 - personName Hans Franck
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4923651254

- organisationDetails Export Service LTD
 - organisationName Export Service LTD
 - transportInstructionTerms 5 is consolidation
 - !-- 5 is consolidation
 - transportServiceCategoryType 5
 - transportCargoCharacteristics 12
 - cargoTypeCode 12
 - countryOfOriginCode DE
 - finalDestinationCountry NO
 - totalGrossVolume "MTQ" 2.88
 - totalGrossWeight "KGM" 1500
 - totalTransportNetWeight "KGM" 1410
 - totalLoadingLength "MTR" 3.6
 - totalPackageQuantity 60
 - plannedDelivery
 - logisticLocation
 - address Kongsvinger
 - city Kongsvinger
 - countryCode NO
 - postalCode 2209
 - streetAddressOne Krokvegen 4
 - logisticEventDateTime 2011-08-09
 - date 2011-08-09
 - time 14:00:00.OZ
 - plannedDespatch
 - logisticLocation SENDER 2
 - locationName SENDER 2
 - address Munchen
 - city Munchen
 - countryCode DE
 - postalCode 80331
 - streetAddressOne Torgauerstrasse 6
 - logisticEventDateTime 2011-08-01
 - date 2011-08-01
 - time 10:00:00.OZ
- deliveryTerms FOB
 - incotermsCode FOB
 - deliveryInstructions "EN" Once the pallets are ready for unloading in Krokvegen
 - deliveryTermsLocation DEKEL
 - unLocationCode DEKEL
- transportReference 3335
 - entityIdentification 3335
 - transportReferenceTypeCode VN

- ▲ ● transportInstructionShipmentItem 1
 - lineItemNumber 1
 - ▲ ● logisticUnit 000000000000000000
 - ssc 000000000000000000
 - grossWeight "KGM" 500
 - packageTypeCode AG
 - ▲ ● packagingMarking General Cargo
 - markingTypeCode General Cargo
 - ▲ ● referencedTransportEquipment PAL
 - transportEquipmentTypeCode PAL
 - ▲ ● returnableObjectIdentification 12345678912343
 - grai 12345678912343
 - ▲ ● logisticUnit 000000000000000000
 - ssc 000000000000000000
 - grossWeight "KGM" 500
 - packageTypeCode AG
 - ▲ ● packagingMarking General Cargo
 - markingTypeCode General Cargo
 - ▲ ● referencedTransportEquipment PAL
 - transportEquipmentTypeCode PAL
 - ▲ ● returnableObjectIdentification 12345678912344
 - grai 12345678912344
 - ▲ ● logisticUnit 000000000000000000
 - ssc 000000000000000000
 - grossWeight "KGM" 500
 - packageTypeCode AG
 - ▲ ● packagingMarking General Cargo
 - markingTypeCode General Cargo
 - ▲ ● referencedTransportEquipment PAL
 - transportEquipmentTypeCode PAL
 - ▲ ● returnableObjectIdentification 12345678912345
 - grai 12345678912345
 - ▲ ● transportCargoCharacteristics 12
 - cargoTypeCode 12
 - harmonizedSystemCode 650300
 - cargoTypeDescription "EN" Hats
 - countryOfOriginCode DE
 - finalDestinationCountry NO
 - totalGrossVolume "MTQ" 2.88
 - totalGrossWeight "KGM" 1500
 - totalTransportNetWeight "KGM" 1410
 - totalLoadingLength "MTR" 3.6
 - declaredValueForCustoms "EUR" 1500
 - totalPackageQuantity 60
 - totalItemQuantity 600

- ▲ ● transportInstruction 2011-07-25T15:00:00.0Z
 - creationDateTime 2011-07-25T15:00:00.0Z
 - documentStatusCode ORIGINAL
 - lastUpdateDateTime 2011-07-25T15:00:00.0Z
 - ▲ ● transportInstructionIdentification TRINC00005
 - entityIdentification TRINC00005
 - transportInstructionFunction CONSIGNMENT
 - ▲ ● logisticServicesSeller 4098765000010
 - gln 4098765000010
 - ▲ ● contact Jon Persson
 - personName Jon Persson
 - ▲ ● communicationChannel E-mail
 - communicationChannelCode E-mail
 - communicationValue jon@ferryoperator.se
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4694651111
 - ▲ ● organisationDetails SEA CARRIER
 - organisationName SEA CARRIER
 - ▲ ● logisticServicesBuyer 4098765000012
 - gln 4098765000012
 - ▲ ● contact Jon Hansson
 - personName Jon Hansson
 - ▲ ● communicationChannel E-mail
 - communicationChannelCode E-mail
 - communicationValue jon@forwarder.no
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4794651111
 - ▲ ● organisationDetails FORWARDER
 - organisationName FORWARDER
 - ▲ ● transportInstructionConsignment 7365566156191234598
 - ginc 7365566156191234598
 - ▲ ● parentConsignmentID 7365566156191234504
 - ginc 7365566156191234504
 - ▲ ● consignor 4098765000012
 - gln 4098765000012
 - ▲ ● contact Peter Muller
 - personName Peter Muller
 - ▲ ● communicationChannel E-mail
 - communicationChannelCode E-mail
 - communicationValue peter@railcarrier.de
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4994652222

- organisationDetails RAIL CARRIER
 - organisationName RAIL CARRIER
 - consignee TERMINAL_OPERATOR
 - additionalPartyIdentification "Party reference" TERMINAL_OPERATOR
 - contact Peter Nilsen
 - personName Peter Nilsen
 - communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +479255664422
 - organisationDetails TERMINAL_OPERATOR
 - organisationName TERMINAL_OPERATOR
 - pickUpParty 0000000000000
 - gln 00000000000000
 - contact Johan Strauss
 - personName Johan Strauss
 - communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4988776655
 - organisationDetails RAIL CARRIER
 - organisationName RAIL CARRIER
 - dropOffParty TERMINAL_OPERATOR
 - additionalPartyIdentification "Party reference" TERMINAL_OPERATOR
 - contact Peter Nilsen
 - personName Peter Nilsen
 - communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +479255664422
 - organisationDetails TERMINAL_OPERATOR
 - organisationName TERMINAL_OPERATOR
 - transportInstructionTerms 10 is maritime transport
 - !- 10 is maritime transport
 - transportServiceCategoryType 10
 - transportCargoCharacteristics 12
 - cargoTypeCode 12
 - countryOfOriginCode DE
 - finalDestinationCountry NO
 - totalGrossVolume "MTQ" 6.28
 - totalGrossWeight "KGM" 3750
 - totalTransportNetWeight "KGM" 3570
 - totalLoadingLength "MTR" 7.2
 - totalPackageQuantity 210
 - plannedPickUp
 - logisticLocation DEKEL
 - unLocationCode DEKEL

- ▲ ● logisticEventDateTime 2011-08-06
 - date 2011-08-06
 - time 19:00:00.0Z
 - ▲ ● plannedDropOff
 - ▲ ● logisticLocation NOOSL
 - unLocationCode NOOSL
 - ▲ ● logisticEventDateTime 2011-08-07
 - date 2011-08-07
 - time 20:00:00.0Z
 - ▲ ● transportInstructionTransportMovement 1
 - sequenceNumber 1
 - transportModeTypeCode 1
 - routeID "Ferry Operator Routes" 22
 - ▲ ● carrier 0000000000000
 - gln 00000000000000
 - additionalPartyIdentification "Party reference" FerryOperator
 - ▲ ● contact Jon Persson
 - personName Jon Persson
 - ▲ ● communicationChannel E-mail
 - communicationChannelCode E-mail
 - communicationValue jon@ferryoperator.se
 - ▲ ● communicationChannel Telephone
 - communicationChannelCode Telephone
 - communicationValue +4694651111
 - ▲ ● organisationDetails SEA CARRIER 1
 - organisationName SEA CARRIER 1
 - ▲ ● transportMeans 1592
 - transportMeansType 1592
 - transportMeansName Freighter II
 - ▲ ● plannedDeparture
 - ▲ ● logisticLocation DEKEL
 - unLocationCode DEKEL
 - ▲ ● logisticEventDateTime 2011-08-06
 - date 2011-08-06
 - time 19:00:00.0Z
 - ▲ ● plannedArrival
 - ▲ ● logisticLocation NOOSL
 - unLocationCode NOOSL
 - ▲ ● logisticEventDateTime 2011-08-07
 - date 2011-08-07
 - time 09:00:00.0Z
 - ▲ ● deliveryTerms Once the container is unloaded from the ferry it will
 - deliveryInstructions "EN" Once the container is unloaded from the ferry it will
 - ▲ ● containedShipmentReference 73655661561912345
 - asin 73655661561912345
-

- ▲ ● containedShipmentReference 73655661561912320
 - gsin 73655661561912320
- ▲ ● handlingInstruction 1
 - handlingInstructionCode 1
 - handlingInstructionText "EN" Pharmaceuticals should be handled with care and be
- ▲ ● includedTransportEquipment CN is container
 - !- CN is container
 - transportEquipmentTypeCode CN
 - ▲ ● returnableAssetTypeIdentification 12345678912347
 - grai 12345678912347
- ▲ ● transportInstructionConsignmentItem 1
 - lineItemNumber 1
 - ▲ ● transportCargoCharacteristics 12
 - cargoTypeCode 12
 - harmonizedSystemCode 294110
 - cargoTypeDescription "EN" Antibiotics
 - countryOfOriginCode DE
 - finalDestinationCountry NO
 - totalGrossVolume "MTQ" 3.4
 - totalGrossWeight "KGM" 2250
 - totalTransportNetWeight "KGM" 2160
 - totalLoadingLength "MTR" 3.6
 - declaredValueForCustoms "EUR" 10000
 - totalPackageQuantity 150
 - totalItemQuantity 3000
 - ▲ ● logisticUnit 00000000000000000000
 - sccc 00000000000000000000
 - grossWeight "KGM" 750
 - packageTypeCode AG
 - ▲ ● packagingMarking Pharmaceutical Products
 - markingTypeCode Pharmaceutical Products
 - ▲ ● referencedTransportEquipment PAL
 - transportEquipmentTypeCode PAL
 - ▲ ● returnableAssetTypeIdentification 12345678912340
 - grai 12345678912340
 - ▲ ● logisticUnit 00000000000000000000
 - sccc 00000000000000000000
 - grossWeight "KGM" 750
 - packageTypeCode AG
 - ▲ ● packagingMarking Pharmaceutical Products
 - markingTypeCode Pharmaceutical Products
 - ▲ ● referencedTransportEquipment PAL
 - transportEquipmentTypeCode PAL
 - ▲ ● returnableAssetTypeIdentification 12345678912341
 - grai 12345678912341

- ▲ ● logisticUnit 000000000000000000
 - ssc 000000000000000000
 - grossWeight "KGM" 750
 - packageTypeCode AG
 - ▲ ● packagingMarking Pharmaceutical Products
 - markingTypeCode Pharmaceutical Products
 - ▲ ● referencedTransportEquipment PAL
 - transportEquipmentTypeCode PAL
 - ▲ ● returnableObjectIdentification 12345678912342
 - grai 12345678912342
 - ▲ ● handlingInstruction 1
 - handlingInstructionCode 1
 - handlingInstructionText "EN" Heat sensitive
- ▲ ● transportInstructionConsignmentItem 2
 - lineItemNumber 2
 - ▲ ● transportCargoCharacteristics 12
 - cargoTypeCode 12
 - harmonizedSystemCode 650300
 - cargoTypeDescription "EN" Hats
 - countryOfOriginCode DE
 - finalDestinationCountry NO
 - totalGrossVolume "MTQ" 2.88
 - totalGrossWeight "KGM" 1500
 - totalTransportNetWeight "KGM" 1410
 - totalLoadingLength "MTR" 3.6
 - declaredValueForCustoms "EUR" 1500
 - totalPackageQuantity 60
 - totalItemQuantity 600
 - ▲ ● logisticUnit 000000000000000000
 - ssc 000000000000000000
 - grossWeight "KGM" 500
 - packageTypeCode AG
 - ▲ ● packagingMarking General Cargo
 - markingTypeCode General Cargo
 - ▲ ● referencedTransportEquipment PAL
 - transportEquipmentTypeCode PAL
 - ▲ ● returnableObjectIdentification 12345678912343
 - grai 12345678912343
 - ▲ ● logisticUnit 000000000000000000
 - ssc 000000000000000000
 - grossWeight "KGM" 500
 - packageTypeCode AG
 - ▲ ● packagingMarking General Cargo
 - markingTypeCode General Cargo

- ▲ ● referencedTransportEquipment PAL
 - transportEquipmentTypeCode PAL
 - ▲ ● returnableAssetTypeIdentification 12345678912344
 - grai 12345678912344
- ▲ ● logisticUnit 000000000000000000
 - ssc 000000000000000000
 - grossWeight "KGM" 500
 - packageTypeCode AG
 - ▲ ● packagingMarking General Cargo
 - markingTypeCode General Cargo
 - ▲ ● referencedTransportEquipment PAL
 - transportEquipmentTypeCode PAL
 - ▲ ● returnableAssetTypeIdentification 12345678912345
 - grai 12345678912345

- TransportServiceDescription ["http://www.w3.org/2001/XMLSchema-instance"](http://www.w3.org/2001/XMLSchema-instance) 2.1
 - cbc:UBLVersionID 2.1
 - cbc:ProfileID META Profile
 - cbc:ID TSD_req_1
 - cbc:IssueDate 2011-07-20
 - cbc:IssueTime 11:01:01.001
 - cbc:ServiceName Complete D2D transport service
 - ▲ ● cac:SenderParty
 - ▲ ● cac:PartyIdentification
 - cbc:ID "GS1" 7365566156191
 - ▲ ● cac:PartyName
 - cbc:Name CONSIGNEE2
 - ▲ ● cac:ReceiverParty
 - cbc:EndpointID <http://www.transport servicedescriptions.com/getTSDs>
 - ▲ ● cac:MainTransportationService
 - cbc:TransportServiceCode Transport
 - cbc:TransportationServiceDescription 3 pallets containing packages of
 - ▲ ● cac:ServicePoint
 - cbc:SequenceNumberID 1
 - ▲ ● cac:ServicePointLocation
 - cbc:Description Munich
 - ▲ ● cac:Address
 - cbc:StreetName Putzbannerstrasse
 - cbc:BuildingNumber 3
 - cbc:CityName Munich
 - cbc:Region Bavaria
 - ▲ ● cac:Country
 - cbc:IdentificationCode DE
 - cbc:Name Germany
 - ▲ ● cac:DespatchPeriod
 - cbc:StartDate 2011-08-01
 - cbc:EndDate 2011-08-01
 - ▲ ● cac:ServicePoint
 - cbc:SequenceNumberID 2
 - ▲ ● cac:ServicePointLocation
 - cbc:Description Hamar
 - ▲ ● cac:Address
 - cbc:StreetName Jølstadbakken
 - cbc:BuildingNumber 2
 - cbc:CityName Hamar
 - cbc:Region Hedmark
 - ▲ ● cac:Country
 - cbc:IdentificationCode NO
 - cbc:Name Norway
 - ▲ ● cac:DeliveryPeriod
 - cbc:StartDate 2011-08-10
 - cbc:EndDate 2011-08-10

Annex B. Transport Instruction profiles

As described in section 2.1, META has defined profiles. They support the implementation of sub-sets of the GS1 standards. The profiles are defined in the tables below. Note that the elements not used in any of the profiles are indicated by strike through. Each profile will have its own XSD that can be used for verification of the syntax of messages and they can be downloaded together with this implementation guide.

B.1. Transport Instruction profiles

Linenumber	Message elements	Profiles												
		Profile codes	CS	CC	CSC	SDG	CDG	SCDG	SCU	CCU	SCCU	FS	FC	FSC
			Core Shipment	Core Consignment	Core Shipment & Consignment	Shipment & DG	Consignment & DG	Shipment & Consignment & DG	Shipment & Customs	Consignment & Customs	Consignment & Customs	Full Shipment	Full Consignment	Full Shipment & Consignment
			Elements with strike through are not used											
1	transportInstructionMessage		1	1	1	1	1	1	1	1	1	1	1	1
2	StandardBusinessDocumentHeader		1	1	1	1	1	1	1	1	1	1	1	1
3	HeaderVersion		1	1	1	1	1	1	1	1	1	1	1	1
4	Sender		1	1	1	1	1	1	1	1	1	1	1	1
5	Identifier		1	1	1	1	1	1	1	1	1	1	1	1
6	ContactInformation		1..n	1..n	1..n	1..n	1..n	1..n	1..n	1..n	1..n	1..n	1..n	1..n
7	ContactInformation		1	1	1	1	1	1	1	1	1	1	1	1
8	EmailAddress		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
9	FaxNumber		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
10	TelephoneNumber		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
11	ContactTypeIdentifier		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
12	Receiver		1	1	1	1	1	1	1	1	1	1	1	1
13	Identifier		1	1	1	1	1	1	1	1	1	1	1	1
14	ContactInformation		1..n	1..n	1..n	1..n	1..n	1..n	1..n	1..n	1..n	1..n	1..n	1..n
15	Contact		1	1	1	1	1	1	1	1	1	1	1	1
16	EmailAddress		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
17	FaxNumber		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
18	TelephoneNumber		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
19	ContactTypeIdentifier		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
20	DocumentIdentification		1	1	1	1	1	1	1	1	1	1	1	1
21	Standard		1	1	1	1	1	1	1	1	1	1	1	1
22	TypeVersion		1	1	1	1	1	1	1	1	1	1	1	1
23	InstanceIdentifier		1	1	1	1	1	1	1	1	1	1	1	1
24	Type		1	1	1	1	1	1	1	1	1	1	1	1
25	MultipleType													
26	CreationDateAndTime		1	1	1	1	1	1	1	1	1	1	1	1
27	Manifest													
28	- NumberOfItems													
29	- ManifestItem													
30	- MimeTypeQualifierCode													
31	- UniformResourceIdentifier													
32	- Description													
33	- LanguageCode													
34	BusinessScope		1	1	1	1	1	1	1	1	1	1	1	1
35	Scope		1	1	1	1	1	1	1	1	1	1	1	1
36	ScopeAttributes		1	1	1	1	1	1	1	1	1	1	1	1
37	Type		1	1	1	1	1	1	1	1	1	1	1	1
38	InstanceIdentifier		1	1	1	1	1	1	1	1	1	1	1	1
39	Identifier		1	1	1	1	1	1	1	1	1	1	1	1
40	ScopeInformation													
41	BusinessService													
42	BusinessServiceName													
43	ServiceTransaction													
44	ScopeInformation													
45	CorrelationInformation													

46					RequestingDocumentCreationDateTime													
47					RequestingDocumentInstanceIdentifier													
48					ExpectedResponseDateTime													
49					ScopeInformation													
50					TransportInstruction	1..n	1..n	1..n	1..n	1..n	1..n	1..n	1..n	1..n	1..n	1..n	1..n	1..n
51					DocumentType - extension base													
52					creationDateTime	1	1	1	1	1	1	1	1	1	1	1	1	1
53					documentStatusCode	1	1	1	1	1	1	1	1	1	1	1	1	1
54					documentActionCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
55					documentStructureVersion	1	1	1	1	1	1	1	1	1	1	1	1	1
56					lastUpdateDateTime	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
57					extension													
58					transportInstructionIdentification	1	1	1	1	1	1	1	1	1	1	1	1	1
59					entityIdentification	1	1	1	1	1	1	1	1	1	1	1	1	1
60					contentOwner	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
61					gln	1	1	1	1	1	1	1	1	1	1	1	1	1
62					additionalPartyIdentification	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
63					transportInstructionFunction	1	1	1	1	1	1	1	1	1	1	1	1	1
64					logisticServicesSeller	1	1	1	1	1	1	1	1	1	1	1	1	1
65					gln	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
66					additionalPartyIdentification	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
67					address	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
68					city	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
69					cityCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
70					countryCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
71					countyCode													
72					crossStreet													
73					currencyOfPartyCode													
74					languageOfThePartyCode													
75					name	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
76					pOBoxNumber	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
77					postalCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
78					state	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
79					streetAddressOne	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
80					streetAddressTwo	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
81					geographicalCoordinates	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
82					latitude	1	1	1	1	1	1	1	1	1	1	1	1	1
83					longitude	1	1	1	1	1	1	1	1	1	1	1	1	1
84					contact	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
85					contactTypeCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
86					personName	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
87					departmentName	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
88					jobTitle	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
89					responsibility													
90					communicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
91					communicationChannelCode	1	1	1	1	1	1	1	1	1	1	1	1	1
92					communicationValue	1	1	1	1	1	1	1	1	1	1	1	1	1
93					afterHoursCommunicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
94					communicationChannelCode	1	1	1	1	1	1	1	1	1	1	1	1	1
95					communicationValue	1	1	1	1	1	1	1	1	1	1	1	1	1
96					dutyFeeTaxRegistration						0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
97					dutyFeeTaxRegistrationID						1	1	1	1	1	1	1	1
98					dutyFeeTaxTypeCode						1	1	1	1	1	1	1	1
99					dutyFeeTaxAgencyName						0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
100					dutyFeeTaxDescription						0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
101					organisationDetails	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
102					organisationName	1	1	1	1	1	1	1	1	1	1	1	1	1
103					issuedCapital													
104					legalStructure													
105					officialAddress	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
106					city	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
107					cityCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
108					countryCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
109					countyCode													
110					crossStreet													
111					currencyOfPartyCode													
112					languageOfThePartyCode													

113			name	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
114			pOBoxNumber	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
115			postalCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
116			state	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
117			streetAddressOne	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
118			streetAddressTwo	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
119			geographicalCoordinates	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
120			latitude	1	1	1	1	1	1	1	1	1	1	1
121			longitude	1	1	1	1	1	1	1	1	1	1	1
122			legalRegistration									0..n	0..n	0..n
123			legalRegistrationNumber									1	1	1
124			legalRegistrationType									1	1	1
125			financialInstitutionInformation									0..n	0..n	0..n
126			financialInstitutionName									0..1	0..1	0..1
127			financialInstitutionBranchName									0..1	0..1	0..1
128			financialAccount									0..1	0..1	0..1
129			financialAccountNumber									1	1	1
130			financialAccountNumberTypeCode									1	1	1
131			financialAccountName									0..1	0..1	0..1
132			financialRoutingNumber									0..1	0..1	0..1
133			financialRoutingNumber									1	1	1
134			financialRoutingNumberTypeCode									1	1	1
135			additionalFinancialInformation											
136			address									0..1	0..1	0..1
137			city									0..1	0..1	0..1
138			cityCode									0..1	0..1	0..1
139			countryCode									0..1	0..1	0..1
140			countyCode											
141			crossStreet											
142			currencyOfPartyCode											
143			languageOfThePartyCode											
144			name									0..1	0..1	0..1
145			pOBoxNumber									0..1	0..1	0..1
146			postalCode									0..1	0..1	0..1
147			state									0..1	0..1	0..1
148			streetAddressOne									0..1	0..1	0..1
149			streetAddressTwo									0..1	0..1	0..1
150			geographicalCoordinates									0..1	0..1	0..1
151			latitude									1	1	1
152			longitude									1	1	1
153			logisticServicesBuyer	1	1	1	1	1	1	1	1	1	1	1
154			gln	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
155			additionalPartyIdentification	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
156			address	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
157			city	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
158			cityCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
159			countryCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
160			countyCode											
161			crossStreet											
162			currencyOfPartyCode											
163			languageOfThePartyCode											
164			name	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
165			pOBoxNumber	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
166			postalCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
167			state	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
168			streetAddressOne	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
169			streetAddressTwo	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
170			geographicalCoordinates	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
171			latitude	1	1	1	1	1	1	1	1	1	1	1
172			longitude	1	1	1	1	1	1	1	1	1	1	1
173			contact	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
174			contactTypeCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
175			personName	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
176			departmentName	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
177			jobTitle	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
178			responsibility											
179			communicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
180			communicationChannelCode	1	1	1	1	1	1	1	1	1	1	1

181		communicationValue	1	1	1	1	1	1	1	1	1	1	1
182		afterHoursCommunicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
183		communicationChannelCode	1	1	1	1	1	1	1	1	1	1	1
184		communicationValue	1	1	1	1	1	1	1	1	1	1	1
185		dutyFeeTaxRegistration							0..n	0..n	0..n	0..n	0..n
186		dutyFeeTaxRegistrationID							1	1	1	1	1
187		dutyFeeTaxTypeCode							1	1	1	1	1
188		dutyFeeTaxAgencyName							0..1	0..1	0..1	0..1	0..1
189		dutyFeeTaxDescription							0..1	0..1	0..1	0..1	0..1
190		organisationDetails	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
191		organisationName	1	1	1	1	1	1	1	1	1	1	1
192		issuedCapital											
193		legalStructure											
194		officialAddress	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
195		city	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
196		cityCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
197		countryCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
198		countyCode											
199		crossStreet											
200		currencyOfPartyCode											
201		languageOfThePartyCode											
202		name	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
203		pOBoxNumber	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
204		postalCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
205		state	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
206		streetAddressOne	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
207		streetAddressTwo	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
208		geographicalCoordinates	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
209		latitude	1	1	1	1	1	1	1	1	1	1	1
210		longitude	1	1	1	1	1	1	1	1	1	1	1
211		legalRegistration									0..n	0..n	0..n
212		legalRegistrationNumber									1	1	1
213		legalRegistrationType									1	1	1
214		financialInstitutionInformation									0..n	0..n	0..n
215		financialInstitutionName									0..1	0..1	0..1
216		financialInstitutionBranchName									0..1	0..1	0..1
217		financialAccount									0..1	0..1	0..1
218		financialAccountNumber									1	1	1
219		financialAccountNumberTypeCode									1	1	1
220		financialAccountName									0..1	0..1	0..1
221		financialRoutingNumber									0..1	0..1	0..1
222		financialRoutingNumber									1	1	1
223		financialRoutingNumberTypeCode									1	1	1
224		additionalFinancialInformation											
225		address									0..1	0..1	0..1
226		city									0..1	0..1	0..1
227		cityCode									0..1	0..1	0..1
228		countryCode									0..1	0..1	0..1
229		countyCode											
230		crossStreet											
231		currencyOfPartyCode											
232		languageOfThePartyCode											
233		name									0..1	0..1	0..1
234		pOBoxNumber									0..1	0..1	0..1
235		postalCode									0..1	0..1	0..1
236		state									0..1	0..1	0..1
237		streetAddressOne									0..1	0..1	0..1
238		streetAddressTwo									0..1	0..1	0..1
239		geographicalCoordinates									0..1	0..1	0..1
240		latitude									1	1	1
241		longitude									1	1	1
242		billTo									0..1	0..1	0..1
243		gln									0..1	0..1	0..1
244		additionalPartyIdentification									0..n	0..n	0..n
245		address									0..1	0..1	0..1
246		city									0..1	0..1	0..1
247		cityCode									0..1	0..1	0..1
248		countryCode									0..1	0..1	0..1

249		countyCode												
250		crossStreet												
251		currencyOfPartyCode												
252		languageOfThePartyCode												
253		name								0..1	0..1	0..1		
254		pOBoxNumber								0..1	0..1	0..1		
255		postalCode								0..1	0..1	0..1		
256		state								0..1	0..1	0..1		
257		streetAddressOne								0..1	0..1	0..1		
258		streetAddressTwo								0..1	0..1	0..1		
259		geographicalCoordinates								0..1	0..1	0..1		
260		latitude								1	1	1		
261		longitude								1	1	1		
262		contact								0..1	0..1	0..1		
263		contactTypeCode								0..1	0..1	0..1		
264		personName								0..1	0..1	0..1		
265		departmentName								0..1	0..1	0..1		
266		jobTitle								0..1	0..1	0..1		
267		responsibility												
268		communicationChannel								0..n	0..n	0..n		
269		communicationChannelCode								1	1	1		
270		communicationValue								1	1	1		
271		afterHoursCommunicationChannel								0..n	0..n	0..n		
272		communicationChannelCode								1	1	1		
273		communicationValue								1	1	1		
274		dutyFeeTaxRegistration								0..n	0..n	0..n		
275		dutyFeeTaxRegistrationID								1	1	1		
276		dutyFeeTaxTypeCode								1	1	1		
277		dutyFeeTaxAgencyName								0..1	0..1	0..1		
278		dutyFeeTaxDescription								0..1	0..1	0..1		
279		organisationDetails								0..1	0..1	0..1		
280		organisationName								1	1	1		
281		issuedCapital												
282		legalStructure												
283		officialAddress								0..1	0..1	0..1		
284		city								0..1	0..1	0..1		
285		cityCode								0..1	0..1	0..1		
286		countryCode								0..1	0..1	0..1		
287		countyCode												
288		crossStreet												
289		currencyOfPartyCode												
290		languageOfThePartyCode												
291		name								0..1	0..1	0..1		
292		pOBoxNumber								0..1	0..1	0..1		
293		postalCode								0..1	0..1	0..1		
294		state								0..1	0..1	0..1		
295		streetAddressOne								0..1	0..1	0..1		
296		streetAddressTwo								0..1	0..1	0..1		
297		geographicalCoordinates								0..1	0..1	0..1		
298		latitude								1	1	1		
299		longitude								1	1	1		
300		legalRegistration								0..n	0..n	0..n		
301		legalRegistrationNumber								1	1	1		
302		legalRegistrationType								1	1	1		
303		financialInstitutionInformation								0..n	0..n	0..n		
304		financialInstitutionName								0..1	0..1	0..1		
305		financialInstitutionBranchName								0..1	0..1	0..1		
306		financialAccount								0..1	0..1	0..1		
307		financialAccountNumber								1	1	1		
308		financialAccountNumberTypeCode								1	1	1		
309		financialAccountName								0..1	0..1	0..1		
310		financialRoutingNumber								0..1	0..1	0..1		
311		financialRoutingNumber								1	1	1		
312		financialRoutingNumberTypeCode								1	1	1		
313		additionalFinancialInformation												
314		address								0..1	0..1	0..1		
315		city								0..1	0..1	0..1		
316		cityCode								0..1	0..1	0..1		

317		countryCode									0..1	0..1	0..1
318		countryCode											
319		crossStreet											
320		currencyOfPartyCode											
321		languageOfThePartyCode											
322		name									0..1	0..1	0..1
323		pOBoxNumber									0..1	0..1	0..1
324		postalCode									0..1	0..1	0..1
325		state									0..1	0..1	0..1
326		streetAddressOne									0..1	0..1	0..1
327		streetAddressTwo									0..1	0..1	0..1
328		geographicalCoordinates									0..1	0..1	0..1
329		latitude									1	1	1
330		longitude									1	1	1
331		transportInstructionConsignment				0..n	0..n		0..n	0..n		0..n	0..n
332		consignmentIdentificationType - extension base											
333		ginc				1	1		1	1		1	1
334		additionalConsignmentIdentification				0..n	0..n		0..n	0..n		0..n	0..n
335		parentConsignmentID										0..1	0..1
336		ginc										1	1
337		additionalConsignmentIdentification										0..n	0..n
338		transportInstructionStatusCode				0..1	0..1		0..1	0..1		0..1	0..1
339		transportInstructionStatusDescription				0..1	0..1		0..1	0..1		0..1	0..1
340		transportInstructionStatusReasonCode				0..1	0..1		0..1	0..1		0..1	0..1
341		transportInstructionStatusReasonDescription				0..1	0..1		0..1	0..1		0..1	0..1
342		note				0..1	0..1		0..1	0..1		0..1	0..1
343		consignor				1	1		1	1		1	1
344		gln				0..1	0..1		0..1	0..1		0..1	0..1
345		additionalPartyIdentification				0..n	0..n		0..n	0..n		0..n	0..n
346		address				0..1	0..1		0..1	0..1		0..1	0..1
347		city				0..1	0..1		0..1	0..1		0..1	0..1
348		cityCode				0..1	0..1		0..1	0..1		0..1	0..1
349		countryCode				0..1	0..1		0..1	0..1		0..1	0..1
350		countryCode											
351		crossStreet											
352		currencyOfPartyCode											
353		languageOfThePartyCode											
354		name				0..1	0..1		0..1	0..1		0..1	0..1
355		pOBoxNumber				0..1	0..1		0..1	0..1		0..1	0..1
356		postalCode				0..1	0..1		0..1	0..1		0..1	0..1
357		state				0..1	0..1		0..1	0..1		0..1	0..1
358		streetAddressOne				0..1	0..1		0..1	0..1		0..1	0..1
359		streetAddressTwo				0..1	0..1		0..1	0..1		0..1	0..1
360		geographicalCoordinates				0..1	0..1		0..1	0..1		0..1	0..1
361		latitude				1	1		1	1		1	1
362		longitude				1	1		1	1		1	1
363		contact				0..1	0..1		0..1	0..1		0..1	0..1
364		contactTypeCode				0..1	0..1		0..1	0..1		0..1	0..1
365		personName				0..1	0..1		0..1	0..1		0..1	0..1
366		departmentName				0..1	0..1		0..1	0..1		0..1	0..1
367		jobTitle				0..1	0..1		0..1	0..1		0..1	0..1
368		responsibility											
369		communicationChannel				0..n	0..n		0..n	0..n		0..n	0..n
370		communicationChannelCode				1	1		1	1		1	1
371		communicationValue				1	1		1	1		1	1
372		afterHoursCommunicationChannel				0..n	0..n		0..n	0..n		0..n	0..n
373		communicationChannelCode				1	1		1	1		1	1
374		communicationValue				1	1		1	1		1	1
375		dutyFeeTaxRegistration							0..n	0..n		0..n	0..n
376		dutyFeeTaxRegistrationID							1	1		1	1
377		dutyFeeTaxTypeCode							1	1		1	1
378		dutyFeeTaxAgencyName							0..1	0..1		0..1	0..1
379		dutyFeeTaxDescription							0..1	0..1		0..1	0..1
380		organisationDetails				0..1	0..1		0..1	0..1		0..1	0..1
381		organisationName				1	1		1	1		1	1
382		issuedCapital											
383		legalStructure											
384		officialAddress				0..1	0..1		0..1	0..1		0..1	0..1

385				city		0..1	0..1		0..1	0..1		0..1	0..1
386				cityCode		0..1	0..1		0..1	0..1		0..1	0..1
387				countryCode		0..1	0..1		0..1	0..1		0..1	0..1
388				countyCode									
389				crossStreet									
390				currencyOfPartyCode									
391				languageOfThePartyCode									
392				name		0..1	0..1		0..1	0..1		0..1	0..1
393				pOBoxNumber		0..1	0..1		0..1	0..1		0..1	0..1
394				postalCode		0..1	0..1		0..1	0..1		0..1	0..1
395				state		0..1	0..1		0..1	0..1		0..1	0..1
396				streetAddressOne		0..1	0..1		0..1	0..1		0..1	0..1
397				streetAddressTwo		0..1	0..1		0..1	0..1		0..1	0..1
398				geographicalCoordinates		0..1	0..1		0..1	0..1		0..1	0..1
399				latitude		1	1		1	1		1	1
400				longitude		1	1		1	1		1	1
401				legalRegistration								0..n	0..n
402				legalRegistrationNumber								1	1
403				legalRegistrationType								1	1
404				financialInstitutionInformation								0..n	0..n
405				financialInstitutionName								0..1	0..1
406				financialInstitutionBranchName								0..1	0..1
407				financialAccount								0..1	0..1
408				financialAccountNumber								1	1
409				financialAccountNumberTypeCode								1	1
410				financialAccountName								0..1	0..1
411				financialRoutingNumber								0..1	0..1
412				financialRoutingNumber								1	1
413				financialRoutingNumberTypeCode								1	1
414				additionalFinancialInformation									
415				address								0..1	0..1
416				city								0..1	0..1
417				cityCode								0..1	0..1
418				countryCode								0..1	0..1
419				countyCode									
420				crossStreet									
421				currencyOfPartyCode									
422				languageOfThePartyCode									
423				name								0..1	0..1
424				pOBoxNumber								0..1	0..1
425				postalCode								0..1	0..1
426				state								0..1	0..1
427				streetAddressOne								0..1	0..1
428				streetAddressTwo								0..1	0..1
429				geographicalCoordinates								0..1	0..1
430				latitude								1	1
431				longitude								1	1
432				consignee		1	1		1	1		1	1
433				gln		0..1	0..1		0..1	0..1		0..1	0..1
434				additionalPartyIdentification		0..n	0..n		0..n	0..n		0..n	0..n
435				address		0..1	0..1		0..1	0..1		0..1	0..1
436				city		0..1	0..1		0..1	0..1		0..1	0..1
437				cityCode		0..1	0..1		0..1	0..1		0..1	0..1
438				countryCode		0..1	0..1		0..1	0..1		0..1	0..1
439				countyCode									
440				crossStreet									
441				currencyOfPartyCode									
442				languageOfThePartyCode									
443				name		0..1	0..1		0..1	0..1		0..1	0..1
444				pOBoxNumber		0..1	0..1		0..1	0..1		0..1	0..1
445				postalCode		0..1	0..1		0..1	0..1		0..1	0..1
446				state		0..1	0..1		0..1	0..1		0..1	0..1
447				streetAddressOne		0..1	0..1		0..1	0..1		0..1	0..1
448				streetAddressTwo		0..1	0..1		0..1	0..1		0..1	0..1
449				geographicalCoordinates		0..1	0..1		0..1	0..1		0..1	0..1
450				latitude		1	1		1	1		1	1
451				longitude		1	1		1	1		1	1
452				contact		0..1	0..1		0..1	0..1		0..1	0..1

453		contactTypeCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
454		personName	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
455		departmentName	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
456		jobTitle	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
457		responsibility									
458		communicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
459		communicationChannelCode	1	1	1	1	1	1	1	1	1
460		communicationValue	1	1	1	1	1	1	1	1	1
461		afterHoursCommunicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
462		communicationChannelCode	1	1	1	1	1	1	1	1	1
463		communicationValue	1	1	1	1	1	1	1	1	1
464		dutyFeeTaxRegistration					0..n	0..n	0..n	0..n	0..n
465		dutyFeeTaxRegistrationID					1	1	1	1	1
466		dutyFeeTaxTypeCode					1	1	1	1	1
467		dutyFeeTaxAgencyName					0..1	0..1	0..1	0..1	0..1
468		dutyFeeTaxDescription					0..1	0..1	0..1	0..1	0..1
469		organisationDetails	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
470		organisationName	1	1	1	1	1	1	1	1	1
471		issuedCapital									
472		legalStructure									
473		officialAddress	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
474		city	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
475		cityCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
476		countryCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
477		countyCode									
478		crossStreet									
479		currencyOfPartyCode									
480		languageOfThePartyCode									
481		name	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
482		pOBoxNumber	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
483		postalCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
484		state	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
485		streetAddressOne	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
486		streetAddressTwo	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
487		geographicalCoordinates	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
488		latitude	1	1	1	1	1	1	1	1	1
489		longitude	1	1	1	1	1	1	1	1	1
490		legalRegistration								0..n	0..n
491		legalRegistrationNumber								1	1
492		legalRegistrationType								1	1
493		financialInstitutionInformation								0..n	0..n
494		financialInstitutionName								0..1	0..1
495		financialInstitutionBranchName								0..1	0..1
496		financialAccount								0..1	0..1
497		financialAccountNumber								1	1
498		financialAccountNumberTypeCode								1	1
499		financialAccountName								0..1	0..1
500		financialRoutingNumber								0..1	0..1
501		financialRoutingNumber								1	1
502		financialRoutingNumberTypeCode								1	1
503		additionalFinancialInformation									
504		address								0..1	0..1
505		city								0..1	0..1
506		cityCode								0..1	0..1
507		countryCode								0..1	0..1
508		countyCode									
509		crossStreet									
510		currencyOfPartyCode									
511		languageOfThePartyCode									
512		name								0..1	0..1
513		pOBoxNumber								0..1	0..1
514		postalCode								0..1	0..1
515		state								0..1	0..1
516		streetAddressOne								0..1	0..1
517		streetAddressTwo								0..1	0..1
518		geographicalCoordinates								0..1	0..1
519		latitude								1	1
520		longitude								1	1

521			notifyParty													0..n	0..n
522			gln													0..1	0..1
523			additionalPartyIdentification													0..n	0..n
524			address													0..1	0..1
525			city													0..1	0..1
526			cityCode													0..1	0..1
527			countryCode													0..1	0..1
528			countyCode														
529			crossStreet														
530			currencyOfPartyCode														
531			languageOfThePartyCode														
532			name													0..1	0..1
533			pOBoxNumber													0..1	0..1
534			postalCode													0..1	0..1
535			state													0..1	0..1
536			streetAddressOne													0..1	0..1
537			streetAddressTwo													0..1	0..1
538			geographicalCoordinates													0..1	0..1
539			latitude													1	1
540			longitude													1	1
541			contact													0..1	0..1
542			contactTypeCode													0..1	0..1
543			personName													0..1	0..1
544			departmentName													0..1	0..1
545			jobTitle													0..1	0..1
546			responsibility														
547			communicationChannel													0..n	0..n
548			communicationChannelCode													1	1
549			communicationValue													1	1
550			afterHoursCommunicationChannel													0..n	0..n
551			communicationChannelCode													1	1
552			communicationValue													1	1
553			dutyFeeTaxRegistration													0..n	0..n
554			dutyFeeTaxRegistrationID													1	1
555			dutyFeeTaxTypeCode													1	1
556			dutyFeeTaxAgencyName													0..1	0..1
557			dutyFeeTaxDescription													0..1	0..1
558			organisationDetails													0..1	0..1
559			organisationName													1	1
560			issuedCapital														
561			legalStructure														
562			officialAddress													0..1	0..1
563			city													0..1	0..1
564			cityCode													0..1	0..1
565			countryCode													0..1	0..1
566			countyCode														
567			crossStreet														
568			currencyOfPartyCode														
569			languageOfThePartyCode														
570			name													0..1	0..1
571			pOBoxNumber													0..1	0..1
572			postalCode													0..1	0..1
573			state													0..1	0..1
574			streetAddressOne													0..1	0..1
575			streetAddressTwo													0..1	0..1
576			geographicalCoordinates													0..1	0..1
577			latitude													1	1
578			longitude													1	1
579			legalRegistration													0..n	0..n
580			legalRegistrationNumber													1	1
581			legalRegistrationType													1	1
582			financialInstitutionInformation													0..n	0..n
583			financialInstitutionName													0..1	0..1
584			financialInstitutionBranchName													0..1	0..1
585			financialAccount													0..1	0..1
586			financialAccountNumber													1	1
587			financialAccountNumberTypeCode													1	1
588			financialAccountName													0..1	0..1

589			financialRoutingNumber															0..1	0..1
590			financialRoutingNumber															1	1
591			financialRoutingNumberTypeCode															1	1
592			additionalFinancialInformation																
593			address															0..1	0..1
594			city															0..1	0..1
595			cityCode															0..1	0..1
596			countryCode															0..1	0..1
597			countyCode																
598			crossStreet																
599			currencyOfPartyCode																
600			languageOfThePartyCode																
601			name															0..1	0..1
602			pOBoxNumber															0..1	0..1
603			postalCode															0..1	0..1
604			state															0..1	0..1
605			streetAddressOne															0..1	0..1
606			streetAddressTwo															0..1	0..1
607			geographicalCoordinates															0..1	0..1
608			latitude															1	1
609			longitude															1	1
610			pickUpParty															0..1	0..1
611			gln															0..1	0..1
612			additionalPartyIdentification															0..n	0..n
613			address															0..1	0..1
614			city															0..1	0..1
615			cityCode															0..1	0..1
616			countryCode															0..1	0..1
617			countyCode																
618			crossStreet																
619			currencyOfPartyCode																
620			languageOfThePartyCode																
621			name															0..1	0..1
622			pOBoxNumber															0..1	0..1
623			postalCode															0..1	0..1
624			state															0..1	0..1
625			streetAddressOne															0..1	0..1
626			streetAddressTwo															0..1	0..1
627			geographicalCoordinates															0..1	0..1
628			latitude															1	1
629			longitude															1	1
630			contact															0..1	0..1
631			contactTypeCode															0..1	0..1
632			personName															0..1	0..1
633			departmentName															0..1	0..1
634			jobTitle															0..1	0..1
635			responsibility																
636			communicationChannel															0..n	0..n
637			communicationChannelCode															1	1
638			communicationValue															1	1
639			afterHoursCommunicationChannel															0..n	0..n
640			communicationChannelCode															1	1
641			communicationValue															1	1
642			dutyFeeTaxRegistration															0..n	0..n
643			dutyFeeTaxRegistrationID															1	1
644			dutyFeeTaxTypeCode															1	1
645			dutyFeeTaxAgencyName															0..1	0..1
646			dutyFeeTaxDescription															0..1	0..1
647			organisationDetails															0..1	0..1
648			organisationName															1	1
649			issuedCapital																
650			legalStructure																
651			officialAddress															0..1	0..1
652			city															0..1	0..1
653			cityCode															0..1	0..1
654			countryCode															0..1	0..1
655			countyCode																
656			crossStreet																

657			currencyOfPartyCode																	
658			languageOfThePartyCode																	
659			name												0..1				0..1	
660			pOBoxNumber												0..1				0..1	
661			postalCode												0..1				0..1	
662			state												0..1				0..1	
663			streetAddressOne												0..1				0..1	
664			streetAddressTwo												0..1				0..1	
665			geographicalCoordinates												0..1				0..1	
666			latitude												1				1	
667			longitude												1				1	
668			legalRegistration												0..n				0..n	
669			legalRegistrationNumber												1				1	
670			legalRegistrationType												1				1	
671			financialInstitutionInformation												0..n				0..n	
672			financialInstitutionName												0..1				0..1	
673			financialInstitutionBranchName												0..1				0..1	
674			financialAccount												0..1				0..1	
675			financialAccountNumber												1				1	
676			financialAccountNumberTypeCode												1				1	
677			financialAccountName												0..1				0..1	
678			financialRoutingNumber												0..1				0..1	
679			financialRoutingNumber												1				1	
680			financialRoutingNumberTypeCode												1				1	
681			additionalFinancialInformation																	
682			address												0..1				0..1	
683			city												0..1				0..1	
684			cityCode												0..1				0..1	
685			countryCode												0..1				0..1	
686			countyCode																	
687			crossStreet																	
688			currencyOfPartyCode																	
689			languageOfThePartyCode																	
690			name												0..1				0..1	
691			pOBoxNumber												0..1				0..1	
692			postalCode												0..1				0..1	
693			state												0..1				0..1	
694			streetAddressOne												0..1				0..1	
695			streetAddressTwo												0..1				0..1	
696			geographicalCoordinates												0..1				0..1	
697			latitude												1				1	
698			longitude												1				1	
699			dropOffParty												0..1				0..1	
700			gln												0..1				0..1	
701			additionalPartyIdentification												0..n				0..n	
702			address												0..1				0..1	
703			city												0..1				0..1	
704			cityCode												0..1				0..1	
705			countryCode												0..1				0..1	
706			countyCode																	
707			crossStreet																	
708			currencyOfPartyCode																	
709			languageOfThePartyCode																	
710			name												0..1				0..1	
711			pOBoxNumber												0..1				0..1	
712			postalCode												0..1				0..1	
713			state												0..1				0..1	
714			streetAddressOne												0..1				0..1	
715			streetAddressTwo												0..1				0..1	
716			geographicalCoordinates												0..1				0..1	
717			latitude												1				1	
718			longitude												1				1	
719			contact												0..1				0..1	
720			contactTypeCode												0..1				0..1	
721			personName												0..1				0..1	
722			departmentName												0..1				0..1	
723			jobTitle												0..1				0..1	
724			responsibility																	

725			communicationChannel																0..n	0..n
726			communicationChannelCode																1	1
727			communicationValue																1	1
728			afterHoursCommunicationChannel																0..n	0..n
729			communicationChannelCode																1	1
730			communicationValue																1	1
731			dutyFeeTaxRegistration																0..n	0..n
732			dutyFeeTaxRegistrationID																1	1
733			dutyFeeTaxTypeCode																1	1
734			dutyFeeTaxAgencyName																0..1	0..1
735			dutyFeeTaxDescription																0..1	0..1
736			organisationDetails																0..1	0..1
737			organisationName																1	1
738			issuedCapital																	
739			legalStructure																	
740			officialAddress																0..1	0..1
741			city																0..1	0..1
742			cityCode																0..1	0..1
743			countryCode																0..1	0..1
744			countyCode																	
745			crossStreet																	
746			currencyOfPartyCode																	
747			languageOfThePartyCode																	
748			name																0..1	0..1
749			pOBoxNumber																0..1	0..1
750			postalCode																0..1	0..1
751			state																0..1	0..1
752			streetAddressOne																0..1	0..1
753			streetAddressTwo																0..1	0..1
754			geographicalCoordinates																0..1	0..1
755			latitude																1	1
756			longitude																1	1
757			legalRegistration																0..n	0..n
758			legalRegistrationNumber																1	1
759			legalRegistrationType																1	1
760			financialInstitutionInformation																0..n	0..n
761			financialInstitutionName																0..1	0..1
762			financialInstitutionBranchName																0..1	0..1
763			financialAccount																0..1	0..1
764			financialAccountNumber																1	1
765			financialAccountNumberTypeCode																1	1
766			financialAccountName																0..1	0..1
767			financialRoutingNumber																0..1	0..1
768			financialRoutingNumber																1	1
769			financialRoutingNumberTypeCode																1	1
770			additionalFinancialInformation																	
771			address																0..1	0..1
772			city																0..1	0..1
773			cityCode																0..1	0..1
774			countryCode																0..1	0..1
775			countyCode																	
776			crossStreet																	
777			currencyOfPartyCode																	
778			languageOfThePartyCode																	
779			name																0..1	0..1
780			pOBoxNumber																0..1	0..1
781			postalCode																0..1	0..1
782			state																0..1	0..1
783			streetAddressOne																0..1	0..1
784			streetAddressTwo																0..1	0..1
785			geographicalCoordinates																0..1	0..1
786			latitude																1	1
787			longitude																1	1
788			exportAgent																0..1	0..1
789			gln																0..1	0..1
790			additionalPartyIdentification																0..n	0..n
791			address																0..1	0..1
792			city																0..1	0..1

793		cityCode							0..1	0..1		0..1	0..1
794		countryCode							0..1	0..1		0..1	0..1
795		countyCode											
796		crossStreet											
797		currencyOfPartyCode											
798		languageOfThePartyCode											
799		name							0..1	0..1		0..1	0..1
800		pOBoxNumber							0..1	0..1		0..1	0..1
801		postalCode							0..1	0..1		0..1	0..1
802		state							0..1	0..1		0..1	0..1
803		streetAddressOne							0..1	0..1		0..1	0..1
804		streetAddressTwo							0..1	0..1		0..1	0..1
805		geographicalCoordinates							0..1	0..1		0..1	0..1
806		latitude							1	1		1	1
807		longitude							1	1		1	1
808		contact							0..1	0..1		0..1	0..1
809		contactTypeCode							0..1	0..1		0..1	0..1
810		personName							0..1	0..1		0..1	0..1
811		departmentName							0..1	0..1		0..1	0..1
812		jobTitle							0..1	0..1		0..1	0..1
813		responsibility											
814		communicationChannel							0..n	0..n		0..n	0..n
815		communicationChannelCode							1	1		1	1
816		communicationValue							1	1		1	1
817		afterHoursCommunicationChannel							0..n	0..n		0..n	0..n
818		communicationChannelCode							1	1		1	1
819		communicationValue							1	1		1	1
820		dutyFeeTaxRegistration							0..n	0..n		0..n	0..n
821		dutyFeeTaxRegistrationID							1	1		1	1
822		dutyFeeTaxTypeCode							1	1		1	1
823		dutyFeeTaxAgencyName							0..1	0..1		0..1	0..1
824		dutyFeeTaxDescription							0..1	0..1		0..1	0..1
825		organisationDetails							0..1	0..1		0..1	0..1
826		organisationName							1	1		1	1
827		issuedCapital											
828		legalStructure											
829		officialAddress							0..1	0..1		0..1	0..1
830		city							0..1	0..1		0..1	0..1
831		cityCode							0..1	0..1		0..1	0..1
832		countryCode							0..1	0..1		0..1	0..1
833		countyCode											
834		crossStreet											
835		currencyOfPartyCode											
836		languageOfThePartyCode											
837		name							0..1	0..1		0..1	0..1
838		pOBoxNumber							0..1	0..1		0..1	0..1
839		postalCode							0..1	0..1		0..1	0..1
840		state							0..1	0..1		0..1	0..1
841		streetAddressOne							0..1	0..1		0..1	0..1
842		streetAddressTwo							0..1	0..1		0..1	0..1
843		geographicalCoordinates							0..1	0..1		0..1	0..1
844		latitude							1	1		1	1
845		longitude							1	1		1	1
846		legalRegistration										0..n	0..n
847		legalRegistrationNumber										1	1
848		legalRegistrationType										1	1
849		financialInstitutionInformation										0..n	0..n
850		financialInstitutionName										0..1	0..1
851		financialInstitutionBranchName										0..1	0..1
852		financialAccount										0..1	0..1
853		financialAccountNumber										1	1
854		financialAccountNumberTypeCode										1	1
855		financialAccountName										0..1	0..1
856		financialRoutingNumber										0..1	0..1
857		financialRoutingNumber										1	1
858		financialRoutingNumberTypeCode										1	1
859		additionalFinancialInformation											
860		address										0..1	0..1

861					city													0..1	0..1	
862					cityCode														0..1	0..1
863					countryCode														0..1	0..1
864					countyCode															
865					crossStreet															
866					currencyOfPartyCode															
867					languageOfThePartyCode															
868					name														0..1	0..1
869					pOBoxNumber														0..1	0..1
870					postalCode														0..1	0..1
871					state														0..1	0..1
872					streetAddressOne														0..1	0..1
873					streetAddressTwo														0..1	0..1
874					geographicalCoordinates														0..1	0..1
875					latitude														1	1
876					longitude														1	1
877					importAgent														0..1	0..1
878					gln														0..1	0..1
879					additionalPartyIdentification														0..n	0..n
880					address														0..1	0..1
881					city														0..1	0..1
882					cityCode														0..1	0..1
883					countryCode														0..1	0..1
884					countyCode															
885					crossStreet															
886					currencyOfPartyCode															
887					languageOfThePartyCode															
888					name														0..1	0..1
889					pOBoxNumber														0..1	0..1
890					postalCode														0..1	0..1
891					state														0..1	0..1
892					streetAddressOne														0..1	0..1
893					streetAddressTwo														0..1	0..1
894					geographicalCoordinates														0..1	0..1
895					latitude														1	1
896					longitude														1	1
897					contact														0..1	0..1
898					contactTypeCode														0..1	0..1
899					personName														0..1	0..1
900					departmentName														0..1	0..1
901					jobTitle														0..1	0..1
902					responsibility															
903					communicationChannel														0..n	0..n
904					communicationChannelCode														1	1
905					communicationValue														1	1
906					afterHoursCommunicationChannel														0..n	0..n
907					communicationChannelCode														1	1
908					communicationValue														1	1
909					dutyFeeTaxRegistration														0..n	0..n
910					dutyFeeTaxRegistrationID														1	1
911					dutyFeeTaxTypeCode														1	1
912					dutyFeeTaxAgencyName														0..1	0..1
913					dutyFeeTaxDescription														0..1	0..1
914					organisationDetails														0..1	0..1
915					organisationName														1	1
916					issuedCapital															
917					legalStructure															
918					officialAddress														0..1	0..1
919					city														0..1	0..1
920					cityCode														0..1	0..1
921					countryCode														0..1	0..1
922					countyCode															
923					crossStreet															
924					currencyOfPartyCode															
925					languageOfThePartyCode															
926					name														0..1	0..1
927					pOBoxNumber														0..1	0..1
928					postalCode														0..1	0..1

929			state						0..1	0..1		0..1	0..1
930			streetAddressOne						0..1	0..1		0..1	0..1
931			streetAddressTwo						0..1	0..1		0..1	0..1
932			geographicalCoordinates						0..1	0..1		0..1	0..1
933			latitude						1	1		1	1
934			longitude						1	1		1	1
935			legalRegistration									0..n	0..n
936			legalRegistrationNumber									1	1
937			legalRegistrationType									1	1
938			financialInstitutionInformation									0..n	0..n
939			financialInstitutionName									0..1	0..1
940			financialInstitutionBranchName									0..1	0..1
941			financialAccount									0..1	0..1
942			financialAccountNumber									1	1
943			financialAccountNumberTypeCode									1	1
944			financialAccountName									0..1	0..1
945			financialRoutingNumber									0..1	0..1
946			financialRoutingNumber									1	1
947			financialRoutingNumberTypeCode									1	1
948			additionalFinancialInformation										
949			address									0..1	0..1
950			city									0..1	0..1
951			cityCode									0..1	0..1
952			countryCode									0..1	0..1
953			<i>countyCode</i>										
954			<i>crossStreet</i>										
955			<i>currencyOfPartyCode</i>										
956			<i>languageOfThePartyCode</i>										
957			name									0..1	0..1
958			pOBoxNumber									0..1	0..1
959			postalCode									0..1	0..1
960			state									0..1	0..1
961			streetAddressOne									0..1	0..1
962			streetAddressTwo									0..1	0..1
963			geographicalCoordinates									0..1	0..1
964			latitude									1	1
965			longitude									1	1
966			transportInstructionTerms	1	1	1	1	1	1	1	1	1	1
967			transportServiceCategoryType	1	1	1	1	1	1	1	1	1	1
968			transportCollectChargeAmount									0..1	0..1
969			transportPaymentMethodTypeCode									0..1	0..1
970			transportPickUpChargeAmount									0..1	0..1
971			transportServiceConditionType	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
972			transportServiceLevelCode									0..1	0..1
973			logisticService	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
974			logisticServiceRequirementCode	1	1	1	1	1	1	1	1	1	1
975			cashOnDeliveryAmount									0..1	0..1
976			insuranceValue									0..1	0..1
977			logisticServiceChargeAmount									0..1	0..1
978			transportCargoCharacteristics	1	1	1	1	1	1	1	1	1	1
979			cargoTypeCode	1	1	1	1	1	1	1	1	1	1
980			harmonizedSystemCode									0..1	0..1
981			cargoTypeDescription	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
982			countryOfOriginCodet									0..1	0..1
983			finalDestinationCountry									0..1	0..1
984			totalGrossVolume	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
985			totalGrossWeight	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
986			totalTransportNetWeight									0..1	0..1
987			totalChargeableWeight									0..1	0..1
988			declaredWeightForCustoms									0..1	0..1
989			totalLoadingLength	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
990			associatedInvoiceAmount									0..1	0..1
991			declaredValueForCustoms									0..1	0..1
992			totalPackageQuantity									0..1	0..1
993			totalItemQuantity									0..1	0..1
994			plannedPickUp	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
995			<i>logisticEventTypeCode</i>										
996			<i>logisticEventDuration</i>										

997		logisticLocation	0..1	0..1	0..1	0..1	0..1	0..1	0..1
998		unLocationCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1
999		gln	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1000		additionalLocationIdentification	0..n	0..n	0..n	0..n	0..n	0..n	0..n
1001		sublocationIdentification						0..1	0..1
1002		locationName	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1003		locationSpecificInstructions	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1004		utcOffset						0..1	0..1
1005		address	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1006		city	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1007		cityCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1008		countryCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1009		countyCode							
1010		crossStreet							
1011		currencyOfPartyCode							
1012		languageOfThePartyCode							
1013		name	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1014		pOBoxNumber	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1015		postalCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1016		state	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1017		streetAddressOne	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1018		streetAddressTwo	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1019		geographicalCoordinates	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1020		latitude	1	1	1	1	1	1	1
1021		longitude	1	1	1	1	1	1	1
1022		contact	0..n	0..n	0..n	0..n	0..n	0..n	0..n
1023		contactTypeCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1024		personName	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1025		departmentName	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1026		jobTitle	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1027		responsibility							
1028		communicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n
1029		communicationChannelCode	1	1	1	1	1	1	1
1030		communicationValue	1	1	1	1	1	1	1
1031		afterHoursCommunicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n
1032		communicationChannelCode	1	1	1	1	1	1	1
1033		communicationValue	1	1	1	1	1	1	1
1034		regularOperatingHours						0..n	0..n
1035		dayOfTheWeekCode						1	1
1036		isOperational						1	1
1037		closingTime						0..1	0..1
1038		openingTime						0..1	0..1
1039		specialOperatingHours						0..n	0..n
1040		isOperational						1	1
1041		specialDate						1	1
1042		closingTime						0..1	0..1
1043		openingTime						0..1	0..1
1044		specialDateName						0..1	0..1
1045		logisticEventPeriod	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1046		beginDate	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1047		beginTime	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1048		endDate	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1049		endTime	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1050		logisticEventDateTime	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1051		date	1	1	1	1	1	1	1
1052		time	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1053									
1054		plannedDropOff	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1055		logisticEventTypeCode							
1056		logisticEventDuration							
1057		logisticLocation	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1058		unLocationCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1059		gln	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1060		additionalLocationIdentification	0..n	0..n	0..n	0..n	0..n	0..n	0..n
1061		sublocationIdentification						0..1	0..1
1062		locationName	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1063		locationSpecificInstructions	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1064		utcOffset						0..1	0..1

1065			address	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1066			city	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1067			cityCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1068			countryCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1069			countyCode								
1070			crossStreet								
1071			currencyOfPartyCode								
1072			languageOfThePartyCode								
1073			name	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1074			pOBoxNumber	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1075			postalCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1076			state	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1077			streetAddressOne	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1078			streetAddressTwo	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1079			geographicalCoordinates	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1080			latitude	1	1	1	1	1	1	1	1
1081			longitude	1	1	1	1	1	1	1	1
1082			contact	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
1083			contactTypeCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1084			personName	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1085			departmentName	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1086			jobTitle	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1087			responsibility								
1088			communicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
1089			communicationChannelCode	1	1	1	1	1	1	1	1
1090			communicationValue	1	1	1	1	1	1	1	1
1091			afterHoursCommunicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
1092			communicationChannelCode	1	1	1	1	1	1	1	1
1093			communicationValue	1	1	1	1	1	1	1	1
1094			regularOperatingHours							0..n	0..n
1095			dayOfTheWeekCode							1	1
1096			isOperational							1	1
1097			closingTime							0..1	0..1
1098			openingTime							0..1	0..1
1099			specialOperatingHours							0..n	0..n
1100			isOperational							1	1
1101			specialDate							1	1
1102			closingTime							0..1	0..1
1103			openingTime							0..1	0..1
1104			specialDateName							0..1	0..1
1105			logisticEventPeriod	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1106			beginDate	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1107			BeginTime	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1108			endDate	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1109			endTime	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1110			logisticEventDateTime	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1111			date	1	1	1	1	1	1	1	1
1112			time	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1113			transportInstructionTransportMovement	1..n	1..n	1..n	1..n	1..n	1..n	1..n	1..n
1114			sequenceNumber	1	1	1	1	1	1	1	1
1115			transportModeTypeCode	1	1	1	1	1	1	1	1
1116			routeID							0..1	0..1
1117			carrier							0..1	0..1
1118			gln							0..1	0..1
1119			additionalPartyIdentification							0..n	0..n
1120			address							0..1	0..1
1121			city							0..1	0..1
1122			cityCode							0..1	0..1
1123			countryCode							0..1	0..1
1124			countyCode								
1125			crossStreet								
1126			currencyOfPartyCode								
1127			languageOfThePartyCode								
1128			name							0..1	0..1
1129			pOBoxNumber							0..1	0..1
1130			postalCode							0..1	0..1
1131			state							0..1	0..1
1132			streetAddressOne							0..1	0..1

1133				streetAddressTwo																0..1	0..1	
1134				geographicalCoordinates																	0..1	0..1
1135				latitude																	1	1
1136				longitude																	1	1
1137				contact																	0..1	0..1
1138				contactTypeCode																	0..1	0..1
1139				personName																	0..1	0..1
1140				departmentName																	0..1	0..1
1141				jobTitle																	0..1	0..1
1142				<i>responsibility</i>																		
1143				communicationChannel																	0..n	0..n
1144				communicationChannelCode																	1	1
1145				communicationValue																	1	1
1146				afterHoursCommunicationChannel																	0..n	0..n
1147				communicationChannelCode																	1	1
1148				communicationValue																	1	1
1149				dutyFeeTaxRegistration																	0..n	0..n
1150				dutyFeeTaxRegistrationID																	1	1
1151				dutyFeeTaxTypeCode																	1	1
1152				dutyFeeTaxAgencyName																	0..1	0..1
1153				dutyFeeTaxDescription																	0..1	0..1
1154				organisationDetails																	0..1	0..1
1155				organisationName																	1	1
1156				<i>issuedCapital</i>																		
1157				<i>legalStructure</i>																		
1158				officialAddress																	0..1	0..1
1159				city																	0..1	0..1
1160				cityCode																	0..1	0..1
1161				countryCode																	0..1	0..1
1162				<i>countyCode</i>																		
1163				<i>crossStreet</i>																		
1164				<i>currencyOfPartyCode</i>																		
1165				<i>languageOfThePartyCode</i>																		
1166				name																	0..1	0..1
1167				pOBoxNumber																	0..1	0..1
1168				postalCode																	0..1	0..1
1169				state																	0..1	0..1
1170				streetAddressOne																	0..1	0..1
1171				streetAddressTwo																	0..1	0..1
1172				geographicalCoordinates																	0..1	0..1
1173				latitude																	1	1
1174				longitude																	1	1
1175				legalRegistration																	0..n	0..n
1176				legalRegistrationNumber																	1	1
1177				legalRegistrationType																	1	1
1178				financialInstitutionInformation																	0..n	0..n
1179				financialInstitutionName																	0..1	0..1
1180				financialInstitutionBranchName																	0..1	0..1
1181				financialAccount																	0..1	0..1
1182				financialAccountNumber																	1	1
1183				financialAccountNumberTypeCode																	1	1
1184				financialAccountName																	0..1	0..1
1185				financialRoutingNumber																	0..1	0..1
1186				financialRoutingNumber																	1	1
1187				financialRoutingNumberTypeCode																	1	1
1188				<i>additionalFinancialInformation</i>																		
1189				address																	0..1	0..1
1190				city																	0..1	0..1
1191				cityCode																	0..1	0..1
1192				countryCode																	0..1	0..1
1193				<i>countyCode</i>																		
1194				<i>crossStreet</i>																		
1195				<i>currencyOfPartyCode</i>																		
1196				<i>languageOfThePartyCode</i>																		
1197				name																	0..1	0..1
1198				pOBoxNumber																	0..1	0..1
1199				postalCode																	0..1	0..1
1200				state																	0..1	0..1

1201				streetAddressOne																0..1	0..1	
1202				streetAddressTwo																	0..1	0..1
1203				geographicalCoordinates																	0..1	0..1
1204				latitude																	1	1
1205				longitude																	1	1
1206				transportStatusResponsibleParty																	0..1	0..1
1207				gln																	0..1	0..1
1208				additionalPartyIdentification																	0..n	0..n
1209				address																	0..1	0..1
1210				city																	0..1	0..1
1211				cityCode																	0..1	0..1
1212				countryCode																	0..1	0..1
1213				countyCode																		
1214				crossStreet																		
1215				currencyOfPartyCode																		
1216				languageOfThePartyCode																		
1217				name																	0..1	0..1
1218				pOBoxNumber																	0..1	0..1
1219				postalCode																	0..1	0..1
1220				state																	0..1	0..1
1221				streetAddressOne																	0..1	0..1
1222				streetAddressTwo																	0..1	0..1
1223				geographicalCoordinates																	0..1	0..1
1224				latitude																	1	1
1225				longitude																	1	1
1226				contact																	0..1	0..1
1227				contactTypeCode																	0..1	0..1
1228				personName																	0..1	0..1
1229				departmentName																	0..1	0..1
1230				jobTitle																	0..1	0..1
1231				responsibility																		
1232				communicationChannel																	0..n	0..n
1233				communicationChannelCode																	1	1
1234				communicationValue																	1	1
1235				afterHoursCommunicationChannel																	0..n	0..n
1236				communicationChannelCode																	1	1
1237				communicationValue																	1	1
1238				dutyFeeTaxRegistration																	0..n	0..n
1239				dutyFeeTaxRegistrationID																	1	1
1240				duryFeeTaxTypeCode																	1	1
1241				dutyFeeTaxAgencyName																	0..1	0..1
1242				dutyFeeTaxDescription																	0..1	0..1
1243				organisationDetails																	0..1	0..1
1244				organisationName																	1	1
1245				issuedCapital																		
1246				legalStructure																		
1247				officialAddress																	0..1	0..1
1248				city																	0..1	0..1
1249				cityCode																	0..1	0..1
1250				countryCode																	0..1	0..1
1251				countyCode																		
1252				crossStreet																		
1253				currencyOfPartyCode																		
1254				languageOfThePartyCode																		
1255				name																	0..1	0..1
1256				pOBoxNumber																	0..1	0..1
1257				postalCode																	0..1	0..1
1258				state																	0..1	0..1
1259				streetAddressOne																	0..1	0..1
1260				streetAddressTwo																	0..1	0..1
1261				geographicalCoordinates																	0..1	0..1
1262				latitude																	1	1
1263				longitude																	1	1
1264				legalRegistration																	0..n	0..n
1265				legalRegistrationNumber																	1	1
1266				legalRegistrationType																	1	1
1267				financialInstitutionInformation																	0..n	0..n
1268				financialInstitutionName																	0..1	0..1

1269				financialInstitutionBranchName									0..1	0..1
1270				financialAccount									0..1	0..1
1271				financialAccountNumber									1	1
1272				financialAccountNumberTypeCode									1	1
1273				financialAccountName									0..1	0..1
1274				financialRoutingNumber									0..1	0..1
1275				financialRoutingNumber									1	1
1276				financialRoutingNumberTypeCode									1	1
1277				additionalFinancialInformation										
1278				address									0..1	0..1
1279				city									0..1	0..1
1280				cityCode									0..1	0..1
1281				countryCode									0..1	0..1
1282				countyCode										
1283				crossStreet										
1284				currencyOfPartyCode										
1285				languageOfThePartyCode										
1286				name									0..1	0..1
1287				pOBoxNumber									0..1	0..1
1288				postalCode									0..1	0..1
1289				state									0..1	0..1
1290				streetAddressOne									0..1	0..1
1291				streetAddressTwo									0..1	0..1
1292				geographicalCoordinates									0..1	0..1
1293				latitude									1	1
1294				longitude									1	1
1295				transportMeans									0..1	0..1
1296				transportMeansType									1	1
1297				transportMeansID									0..1	0..1
1298				transportMeansName									0..1	0..1
1299				communicationChannel									0..n	0..n
1300				plannedDeparture		0..1	0..1		0..1	0..1		0..1	0..1	0..1
1301				logisticEventTypeCode										
1302				logisticEventDuration										
1303				logisticLocation		0..1	0..1		0..1	0..1		0..1	0..1	0..1
1304				unLocationCode		0..1	0..1		0..1	0..1		0..1	0..1	0..1
1305				gln		0..1	0..1		0..1	0..1		0..1	0..1	0..1
1306				additionalLocationIdentification		0..n	0..n		0..n	0..n		0..n	0..n	0..n
1307				sublocationIdentification									0..1	0..1
1308				locationName		0..1	0..1		0..1	0..1		0..1	0..1	0..1
1309				locationSpecificInstructions		0..1	0..1		0..1	0..1		0..1	0..1	0..1
1310				utcOffset									0..1	0..1
1311				address		0..1	0..1		0..1	0..1		0..1	0..1	0..1
1312				city		0..1	0..1		0..1	0..1		0..1	0..1	0..1
1313				cityCode		0..1	0..1		0..1	0..1		0..1	0..1	0..1
1314				countryCode		0..1	0..1		0..1	0..1		0..1	0..1	0..1
1315				countyCode										
1316				crossStreet										
1317				currencyOfPartyCode										
1318				languageOfThePartyCode										
1319				name		0..1	0..1		0..1	0..1		0..1	0..1	0..1
1320				pOBoxNumber		0..1	0..1		0..1	0..1		0..1	0..1	0..1
1321				postalCode		0..1	0..1		0..1	0..1		0..1	0..1	0..1
1322				state		0..1	0..1		0..1	0..1		0..1	0..1	0..1
1323				streetAddressOne		0..1	0..1		0..1	0..1		0..1	0..1	0..1
1324				streetAddressTwo		0..1	0..1		0..1	0..1		0..1	0..1	0..1
1325				geographicalCoordinates		0..1	0..1		0..1	0..1		0..1	0..1	0..1
1326				latitude		1	1		1	1		1	1	1
1327				longitude		1	1		1	1		1	1	1
1328				contact		0..n	0..n		0..n	0..n		0..n	0..n	0..n
1329				contactTypeCode		0..1	0..1		0..1	0..1		0..1	0..1	0..1
1330				personName		0..1	0..1		0..1	0..1		0..1	0..1	0..1
1331				departmentName		0..1	0..1		0..1	0..1		0..1	0..1	0..1
1332				jobTitle		0..1	0..1		0..1	0..1		0..1	0..1	0..1
1333				responsibility										
1334				communicationChannel		0..n	0..n		0..n	0..n		0..n	0..n	0..n
1335				communicationChannelCode		1	1		1	1		1	1	1
1336				communicationValue		1	1		1	1		1	1	1

1337					afterHoursCommunicationChannel	0..n	0..n		0..n	0..n		0..n	0..n
1338					communicationChannelCode	1	1		1	1		1	1
1339					communicationValue	1	1		1	1		1	1
1340					regularOperatingHours							0..n	0..n
1341					dayOfTheWeekCode							1	1
1342					isOperational							1	1
1343					closingTime							0..1	0..1
1344					openingTime							0..1	0..1
1345					specialOperatingHours							0..n	0..n
1346					isOperational							1	1
1347					specialDate							1	1
1348					closingTime							0..1	0..1
1349					openingTime							0..1	0..1
1350					specialDateName							0..1	0..1
1351					logisticEventPeriod	0..1	0..1		0..1	0..1		0..1	0..1
1352					beginDate	0..1	0..1		0..1	0..1		0..1	0..1
1353					beginTime	0..1	0..1		0..1	0..1		0..1	0..1
1354					endDate	1	1		1	1		1	1
1355					endTime	0..1	0..1		0..1	0..1		0..1	0..1
1356					logisticEventDateTime	0..1	0..1		0..1	0..1		0..1	0..1
1357					date	1	1		1	1		1	1
1358					time	0..1	0..1		0..1	0..1		0..1	0..1
1359					plannedArrival	0..1	0..1		0..1	0..1		0..1	0..1
1360					logisticEventTypeCode								
1361					logisticEventDuration								
1362					logisticLocation	0..1	0..1		0..1	0..1		0..1	0..1
1363					unLocationCode	0..1	0..1		0..1	0..1		0..1	0..1
1364					gln	0..1	0..1		0..1	0..1		0..1	0..1
1365					additionalLocationIdentification	0..n	0..n		0..n	0..n		0..n	0..n
1366					sublocationIdentification							0..1	0..1
1367					locationName	0..1	0..1		0..1	0..1		0..1	0..1
1368					locationSpecificInstructions	0..1	0..1		0..1	0..1		0..1	0..1
1369					utcOffset							0..1	0..1
1370					address	0..1	0..1		0..1	0..1		0..1	0..1
1371					city	0..1	0..1		0..1	0..1		0..1	0..1
1372					cityCode	0..1	0..1		0..1	0..1		0..1	0..1
1373					countryCode	0..1	0..1		0..1	0..1		0..1	0..1
1374					countyCode								
1375					crossStreet								
1376					currencyOfPartyCode								
1377					languageOfThePartyCode								
1378					name	0..1	0..1		0..1	0..1		0..1	0..1
1379					pOBoxNumber	0..1	0..1		0..1	0..1		0..1	0..1
1380					postalCode	0..1	0..1		0..1	0..1		0..1	0..1
1381					state	0..1	0..1		0..1	0..1		0..1	0..1
1382					streetAddressOne	0..1	0..1		0..1	0..1		0..1	0..1
1383					streetAddressTwo	0..1	0..1		0..1	0..1		0..1	0..1
1384					geographicalCoordinates	0..1	0..1		0..1	0..1		0..1	0..1
1385					latitude	1	1		1	1		1	1
1386					longitude	1	1		1	1		1	1
1387					contact	0..n	0..n		0..n	0..n		0..n	0..n
1388					contactTypeCode	0..1	0..1		0..1	0..1		0..1	0..1
1389					personName	0..1	0..1		0..1	0..1		0..1	0..1
1390					departmentName	0..1	0..1		0..1	0..1		0..1	0..1
1391					jobTitle	0..1	0..1		0..1	0..1		0..1	0..1
1392					responsibility	0..n	0..n		0..n	0..n		0..n	0..n
1393					communicationChannel	0..n	0..n		0..n	0..n		0..n	0..n
1394					communicationChannelCode	1	1		1	1		1	1
1395					communicationValue	1	1		1	1		1	1
1396					afterHoursCommunicationChannel	0..n	0..n		0..n	0..n		0..n	0..n
1397					communicationChannelCode	1	1		1	1		1	1
1398					communicationValue	1	1		1	1		1	1
1399					regularOperatingHours							0..n	0..n
1400					dayOfTheWeekCode							1	1
1401					isOperational							1	1
1402					closingTime							0..1	0..1
1403					openingTime							0..1	0..1
1404					specialOperatingHours							0..n	0..n

1405		isOperational											1	1
1406		specialDate											1	1
1407		closingTime											0..1	0..1
1408		openingTime											0..1	0..1
1409		specialDateName											0..1	0..1
1410		logisticEventPeriod											0..1	0..1
1411		beginDate											0..1	0..1
1412		BeginTime											0..1	0..1
1413		endDate											0..1	0..1
1414		endTime											0..1	0..1
1415		logisticEventDateTime											0..1	0..1
1416		date											1	1
1417		time											0..1	0..1
1418		plannedWaypoint											0..n	0..n
1419		<i>logisticEventTypeCode</i>												
1420		<i>logisticEventDuration</i>												
1421		logisticLocation											0..1	0..1
1422		unLocationCode											0..1	0..1
1423		gln											0..1	0..1
1424		additionalLocationIdentification											0..n	0..n
1425		sublocationIdentification											0..1	0..1
1426		locationName											0..1	0..1
1427		locationSpecificInstructions											0..1	0..1
1428		utcOffset											0..1	0..1
1429		address											0..1	0..1
1430		city											0..1	0..1
1431		cityCode											0..1	0..1
1432		countryCode											0..1	0..1
1433		<i>countyCode</i>												
1434		<i>crossStreet</i>												
1435		<i>currencyOfPartyCode</i>												
1436		<i>languageOfThePartyCode</i>												
1437		name											0..1	0..1
1438		pOBoxNumber											0..1	0..1
1439		postalCode											0..1	0..1
1440		state											0..1	0..1
1441		streetAddressOne											0..1	0..1
1442		streetAddressTwo											0..1	0..1
1443		geographicalCoordinates											0..1	0..1
1444		latitude											1	1
1445		longitude											1	1
1446		contact											0..n	0..n
1447		contactTypeCode											0..1	0..1
1448		personName											0..1	0..1
1449		departmentName											0..1	0..1
1450		jobTitle											0..1	0..1
1451		<i>responsibility</i>												
1452		communicationChannel											0..n	0..n
1453		communicationChannelCode											1	1
1454		communicationValue											1	1
1455		afterHoursCommunicationChannel											0..n	0..n
1456		communicationChannelCode											1	1
1457		communicationValue											1	1
1458		regularOperatingHours											0..n	0..n
1459		dayOfTheWeekCode											1	1
1460		isOperational											1	1
1461		closingTime											0..1	0..1
1462		openingTime											0..1	0..1
1463		specialOperatingHours											0..n	0..n
1464		isOperational											1	1
1465		specialDate											1	1
1466		closingTime											0..1	0..1
1467		openingTime											0..1	0..1
1468		specialDateName											0..1	0..1
1469		logisticEventPeriod											0..1	0..1
1470		beginDate											0..1	0..1
1471		BeginTime											0..1	0..1
1472		endDate											0..1	0..1

1473		endTime								0..1	0..1
1474		logisticEventDateTime								0..1	0..1
1475		date								1	1
1476		time								0..1	0..1
1477		associatedPerson								0..n	0..n
1478		personName								1	1
1479		dateOfBirth								0..1	0..1
1480		gender								0..1	0..1
1481		nationality								0..1	0..1
1482		identityDocument								0..n	0..n
1483		identityDocumentNumber								1	1
1484		identityDocumentType								1	1
1485		identityDocumentIssuer								0..1	0..1
1486		personName								1	1
1487		dateOfBirth								0..1	0..1
1488		gender								0..1	0..1
1489		nationality								0..n	0..n
1490		identityDocument								0..n	0..n
1491		identityDocumentNumber								1	1
1492		identityDocumentType								1	1
1493		identityDocumentIssuer								0..1	0..1
1494		deliveryTerms	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1495		incotermsCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1496		alternateDeliveryTermsCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1497		deliveryInstructions	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1498		deliveryTermsLocation	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1499		unLocationCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1500		gln	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1501		additionalLocationIdentification	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
1502		sublocationIdentification								0..1	0..1
1503		locationName	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1504		locationSpecificInstructions	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1505		utcOffset								0..1	0..1
1506		address	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1507		city	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1508		cityCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1509		countryCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1510		countyCode									
1511		crossStreet									
1512		currencyOfPartyCode									
1513		languageOfThePartyCode									
1514		name	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1515		pOBoxNumber	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1516		postalCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1517		state	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1518		streetAddressOne	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1519		streetAddressTwo	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1520		geographicalCoordinates	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1521		latitude	1	1	1	1	1	1	1	1	1
1522		longitude	1	1	1	1	1	1	1	1	1
1523		contact	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
1524		contactTypeCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1525		personName	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1526		departmentName	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1527		jobTitle	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1528		responsibility									
1529		communicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
1530		communicationChannelCode	1	1	1	1	1	1	1	1	1
1531		communicationValue	1	1	1	1	1	1	1	1	1
1532		afterHoursCommunicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
1533		communicationChannelCode	1	1	1	1	1	1	1	1	1
1534		communicationValue	1	1	1	1	1	1	1	1	1
1535		regularOperatingHours								0..n	0..n
1536		dayOfTheWeekCode								1	1
1537		isOperational								1	1
1538		closingTime								0..1	0..1
1539		openingTime								0..1	0..1
1540		specialOperatingHours								0..n	0..n

1541			isOperational								1	1
1542			specialDate								1	1
1543			closingTime								0..1	0..1
1544			openingTime								0..1	0..1
1545			specialDateName								0..1	0..1
1546			packageTotal			0..n	0..n		0..n	0..n	0..n	0..n
1547			packageTypeCode			1	1		1	1	1	1
1548			totalPackageQuantity			1	1		1	1	1	1
1549			totalGrossVolume								0..1	0..1
1550			totalGrossWeight								0..1	0..1
1551			returnablePackaging			0..n	0..n		0..n	0..n	0..n	0..n
1552			packagingQuantity			1	1		1	1	1	1
1553			newHolderRegistration								0..1	0..1
1554			currentHolderRegistration								0..1	0..1
1555			returnableAssetIdentification			1	1		1	1	1	1
1556			grai			1	1		1	1	1	1
1557			additionalReturnableAssetIdentification			0..n	0..n		0..n	0..n	0..n	0..n
1558			containedShipmentReference								0..n	0..n
1559			gsin								1	1
1560			additionalShipmentIdentification								0..n	0..n
1561			transportReference			0..n	0..n		0..n	0..n	0..n	0..n
1562			DocumentReferenceType - extension base									
1563			EntityIdentificationType - extension base									
1564			entityIdentification			1	1		1	1	1	1
1565			contentOwner			0..1	0..1		0..1	0..1	0..1	0..1
1566			gln			1	1		1	1	1	1
1567			additionalPartyIdentification			0..n	0..n		0..n	0..n	0..n	0..n
1568			creationDateTime			0..1	0..1		0..1	0..1	0..1	0..1
1569			lineItemNumber			0..1	0..1		0..1	0..1	0..1	0..1
1570			transportReferenceTypeCode			1	1		1	1	1	1
1571			handlingInstruction			0..n	0..n		0..n	0..n	0..n	0..n
1572			handlingInstructionCode			0..1	0..1		0..1	0..1	0..1	0..1
1573			handlingInstructionText			0..1	0..1		0..1	0..1	0..1	0..1
1574			printingInstructionCode								0..n	0..n
1575			storageTemperature								0..1	0..1
1576			maximumTemperature								0..1	0..1
1577			minimumTemperature								0..1	0..1
1578			transportTemperature			0..1	0..1		0..1	0..1	0..1	0..1
1579			maximumTemperature			0..1	0..1		0..1	0..1	0..1	0..1
1580			minimumTemperature			0..1	0..1		0..1	0..1	0..1	0..1
1581			dangerousGoodsInformation					0..n	0..n		0..n	0..n
1582			dangerousGoodsUNIdentifier					1	1		1	1
1583			dangerousGoodsShippingName					1	1		1	1
1584			dangerousGoodsTechnicalName					0..1	0..1		0..1	0..1
1585			dangerousGoodsDescription					0..1	0..1		0..1	0..1
1586			contact					0..n	0..n		0..n	0..n
1587			contactTypeCode					0..1	0..1		0..1	0..1
1588			personName					0..1	0..1		0..1	0..1
1589			departmentName					0..1	0..1		0..1	0..1
1590			jobTitle					0..1	0..1		0..1	0..1
1591			responsibility									
1592			communicationChannel					0..n	0..n		0..n	0..n
1593			communicationChannelCode					1	1		1	1
1594			communicationValue					1	1		1	1
1595			afterHoursCommunicationChannel					0..n	0..n		0..n	0..n
1596			communicationChannelCode					1	1		1	1
1597			communicationValue					1	1		1	1
1598			dangerousGoodsRegulationInformation					0..n	0..n		0..n	0..n
1599			dangerousGoodsRegulationCode					1	1		1	1
1600			dangerousGoodsRegulationName					0..1	0..1		0..1	0..1
1601			dangerousGoodsHazardClass					1	1		1	1
1602			dangerousGoodsPackingGroup					0..1	0..1		0..1	0..1
1603			dangerousGoodsAttribute					0..n	0..n		0..n	0..n
1604			dangerousGoodsAttributeTypeCode					1	1		1	1
1605			dangerousGoodsAttributeText					0..1	0..1		0..1	0..1
1606			dangerousGoodsAttributeMeasurement					0..1	0..1		0..1	0..1
1607			dangerousGoodsAttributeIndicator					0..1	0..1		0..1	0..1
1608			dangerousGoodsAttributeDateTime					0..1	0..1		0..1	0..1

1609		includedTransportMeans										0..n	0..n
1610		transportMeansType										1	1
1611		transportMeansID										0..1	0..1
1612		transportMeansName										0..1	0..1
1613		communicationChannel										0..n	0..n
1614		includedTransportEquipment		0..n	0..n		0..n	0..n		0..n	0..n	0..n	0..n
1615		TransportEquipmentType - extension base											
1616		transportEquipmentTypeCode		1	1		1	1		1	1	1	1
1617		returnableAssetTypeIdentification		0..1	0..1		0..1	0..1		0..1	0..1	0..1	0..1
1618		individualReturnableAssetIdentification										0..n	0..n
1619		individualAssetIdentification										0..n	0..n
1620		giai										1	1
1621		additionalIndividualAssetIdentification										0..n	0..n
1622		transportEquipmentWeight										0..1	0..1
1623		transportEquipmentProviderPartyRole										0..1	0..1
1624		pickUpLocation										0..1	0..1
1625		unLocationCode										0..1	0..1
1626		gln										0..1	0..1
1627		additionalLocationIdentification										0..n	0..n
1628		sublocationIdentification										0..1	0..1
1629		locationName										0..1	0..1
1630		locationSpecificInstructions										0..1	0..1
1631		utcOffset										0..1	0..1
1632		address										0..1	0..1
1633		city										0..1	0..1
1634		cityCode										0..1	0..1
1635		countryCode										0..1	0..1
1636		countyCode											
1637		crossStreet											
1638		currencyOfPartyCode											
1639		languageOfThePartyCode											
1640		name										0..1	0..1
1641		pOBoxNumber										0..1	0..1
1642		postalCode										0..1	0..1
1643		state										0..1	0..1
1644		streetAddressOne										0..1	0..1
1645		streetAddressTwo										0..1	0..1
1646		geographicalCoordinates										0..1	0..1
1647		latitude										1	1
1648		longitude										1	1
1649		contact										0..n	0..n
1650		contactTypeCode										0..1	0..1
1651		personName										0..1	0..1
1652		departmentName										0..1	0..1
1653		jobTitle										0..1	0..1
1654		responsibility											
1655		communicationChannel										0..n	0..n
1656		communicationChannelCode										1	1
1657		communicationValue										1	1
1658		afterHoursCommunicationChannel										0..n	0..n
1659		communicationChannelCode										1	1
1660		communicationValue										1	1
1661		regularOperatingHours										0..n	0..n
1662		dayOfTheWeekCode										1	1
1663		isOperational										1	1
1664		closingTime										0..1	0..1
1665		openingTime										0..1	0..1
1666		specialOperatingHours										0..n	0..n
1667		isOperational										1	1
1668		specialDate										1	1
1669		closingTime										0..1	0..1
1670		openingTime										0..1	0..1
1671		specialDateName										0..1	0..1
1672		returnLocation										0..1	0..1
1673		unLocationCode										0..1	0..1
1674		gln										0..1	0..1
1675		additionalLocationIdentification										0..n	0..n
1676		sublocationIdentification										0..1	0..1

1677		locationName								0..1	0..1
1678		locationSpecificInstructions								0..1	0..1
1679		utcOffset								0..1	0..1
1680		address								0..1	0..1
1681		city								0..1	0..1
1682		cityCode								0..1	0..1
1683		countryCode								0..1	0..1
1684		countyCode									
1685		crossStreet									
1686		currencyOfPartyCode									
1687		languageOfThePartyCode									
1688		name								0..1	0..1
1689		pOBoxNumber								0..1	0..1
1690		postalCode								0..1	0..1
1691		state								0..1	0..1
1692		streetAddressOne								0..1	0..1
1693		streetAddressTwo								0..1	0..1
1694		geographicalCoordinates								0..1	0..1
1695		latitude								1	1
1696		longitude								1	1
1697		contact								0..n	0..n
1698		contactTypeCode								0..1	0..1
1699		personName								0..1	0..1
1700		departmentName								0..1	0..1
1701		jobTitle								0..1	0..1
1702		responsibility									
1703		communicationChannel								0..n	0..n
1704		communicationChannelCode								1	1
1705		communicationValue								1	1
1706		afterHoursCommunicationChannel								0..n	0..n
1707		communicationChannelCode								1	1
1708		communicationValue								1	1
1709		regularOperatingHours								0..n	0..n
1710		dayOfTheWeekCode								1	1
1711		isOperational								1	1
1712		closingTime								0..1	0..1
1713		openingTime								0..1	0..1
1714		specialOperatingHours								0..n	0..n
1715		isOperational								1	1
1716		specialDate								1	1
1717		closingTime								0..1	0..1
1718		openingTime								0..1	0..1
1719		specialDateName								0..1	0..1
1720		transportSeal	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1721		sealIdentification	1	1	1	1	1	1	1	1	1
1722		sealTypeCode	1	1	1	1	1	1	1	1	1
1723		sealAffixingPartyRole	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1724		sealConditionCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1725		dimention								0..1	0..1
1726		depth								1	1
1727		height								1	1
1728		width								1	1
1729		passengerInformation								0..n	0..n
1730		numberOfPassengers								1	1
1731		passengerCategoryCode								0..1	0..1
1732		passengerTariffGroup								0..1	0..1
1733		person								0..n	0..n
1734		personName								1	1
1735		dateOfBirth								0..1	0..1
1736		gender								0..1	0..1
1737		nationality								0..n	0..n
1738		identityDocument								0..n	0..n
1739		identityDocumentNumber								1	1
1740		identityDocumentType								1	1
1741		identityDocumentIssuer								0..1	0..1
1742		transportInstructionConsignmentItem	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
1743		lineItemNumber	1	1	1	1	1	1	1	1	1
1744		note	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1

1745		transportCargoCharacteristics		1	1		1	1		1	1		1	1
1746		cargoTypeCode		1	1		1	1		1	1		1	1
1747		harmonizedSystemCode											0..1	0..1
1748		cargoTypeDescription		0..1	0..1		0..1	0..1		0..1	0..1		0..1	0..1
1749		countryOfOriginCodet								0..1	0..1		0..1	0..1
1750		finalDestinationCountry								0..1	0..1		0..1	0..1
1751		totalGrossVolume		0..1	0..1		0..1	0..1		0..1	0..1		0..1	0..1
1752		totalGrossWeight		0..1	0..1		0..1	0..1		0..1	0..1		0..1	0..1
1753		totalTransportNetWeight											0..1	0..1
1754		totalChargeableWeight											0..1	0..1
1755		declaredWeightForCustoms								0..1	0..1		0..1	0..1
1756		totalLoadingLength		0..1	0..1		0..1	0..1		0..1	0..1		0..1	0..1
1757		associatedInvoiceAmount											0..1	0..1
1758		declaredValueForCustoms								0..1	0..1		0..1	0..1
1759		totalPackageQuantity											0..1	0..1
1760		totalItemQuantity											0..1	0..1
1761		packageTotal		0..n	0..n		0..n	0..n		0..n	0..n		0..n	0..n
1762		packageTypeCode		1	1		1	1		1	1		1	1
1763		totalPackageQuantity		1	1		1	1		1	1		1	1
1764		totalGrossVolume											0..1	0..1
1765		totalGrossWeight											0..1	0..1
1766		returnablePackaging		0..n	0..n		0..n	0..n		0..n	0..n		0..n	0..n
1767		packagingQuantity		1	1		1	1		1	1		1	1
1768		newHolderRegistration											0..1	0..1
1769		currentHolderRegistration											0..1	0..1
1770		returnableAssetIdentification		1	1		1	1		1	1		1	1
1771		grai		1	1		1	1		1	1		1	1
1772		additionalReturnableAssetIdentification		0..n	0..n		0..n	0..n		0..n	0..n		0..n	0..n
1773		logisticUnit		0..n	0..n		0..n	0..n		0..n	0..n		0..n	0..n
1774		LogisticUnitIdentificationType - extension base												
1775		sccc		1	1		1	1		1	1		1	1
1776		additionalLogisticUnitIdentification		0..n	0..n		0..n	0..n		0..n	0..n		0..n	0..n
1777		parentLogisticUnitId											0..1	0..1
1778		grossWeight											0..1	0..1
1779		packageLevelCode											0..1	0..1
1780		packageTypeCode											0..1	0..1
1781		tradelItemQuantity											0..1	0..1
1782		packagingMarking											0..n	0..n
1783		markingTypeCode											1	1
1784		markingContentDateTime											0..1	0..1
1785		markingContentText											0..1	0..1
1786		referencedTransportEquipment		0..1	0..1		0..1	0..1		0..1	0..1		0..1	0..1
1787		transportEquipmentTypeCode		1	1		1	1		1	1		1	1
1788		returnableAssetTypeIdentification		0..1	0..1		0..1	0..1		0..1	0..1		0..1	0..1
1789		individualReturnableAssetIdentification											0..n	0..n
1790		individualAssetIdentification											0..n	0..n
1791		giai											1	1
1792		additionalIndividualAssetIdentification											0..n	0..n
1793		returnablePackaging											0..n	0..n
1794		packagingQuantity											1	1
1795		newHolderRegistration											0..1	0..1
1796		currentHolderRegistration											0..1	0..1
1797		returnableAssetIdentification											1	1
1798		grai											1	1
1799		additionalReturnableAssetIdentification											0..n	0..n
1800		dimension											0..1	0..1
1801		depth											1	1
1802		height											1	1
1803		width											1	1
1804		referencedTransportEquipment		0..n	0..n		0..n	0..n		0..n	0..n		0..n	0..n
1805		transportEquipmentTypeCode		1	1		1	1		1	1		1	1
1806		returnableAssetTypeIdentification		0..1	0..1		0..1	0..1		0..1	0..1		0..1	0..1
1807		individualReturnableAssetIdentification											0..n	0..n
1808		individualAssetIdentification											0..n	0..n
1809		giai											1	1
1810		additionalIndividualAssetIdentification											0..n	0..n
1811		transportReference		0..n	0..n		0..n	0..n		0..n	0..n		0..n	0..n

1812				DocumentReferenceType - extension base										
1813				EntityIdentificationType - extension base										
1814				entityIdentification	1	1		1	1		1	1		1
1815				contentOwner	0..1	0..1		0..1	0..1		0..1	0..1		0..1
1816				gln	1	1		1	1		1	1		1
1817				additionalPartyIdentification	0..n	0..n		0..n	0..n		0..n	0..n		0..n
1818				creationDateTime	0..1	0..1		0..1	0..1		0..1	0..1		0..1
1819				lineItemNumber	0..1	0..1		0..1	0..1		0..1	0..1		0..1
1820				transportReferenceTypeCode	1	1		1	1		1	1		1
1821				handlingInstruction	0..n	0..n		0..n	0..n		0..n	0..n		0..n
1822				handlingInstructionCode	0..1	0..1		0..1	0..1		0..1	0..1		0..1
1823				handlingInstructionText	0..1	0..1		0..1	0..1		0..1	0..1		0..1
1824				printingInstructionCode										0..n
1825				storageTemperature										0..1
1826				maximumTemperature										0..1
1827				minimumTemperature										0..1
1828				transportTemperature	0..1	0..1		0..1	0..1		0..1	0..1		0..1
1829				maximumTemperature	0..1	0..1		0..1	0..1		0..1	0..1		0..1
1830				minimumTemperature	0..1	0..1		0..1	0..1		0..1	0..1		0..1
1831				dangerousGoodsInformation				0..n	0..n					0..n
1832				dangerousGoodsUNIdentifier				1	1					1
1833				dangerousGoodsShippingName				1	1					1
1834				dangerousGoodsTechnicalName				0..1	0..1					0..1
1835				dangerousGoodsDescription				0..1	0..1					0..1
1836				contact				0..n	0..n					0..n
1837				contactTypeCode				0..1	0..1					0..1
1838				personName				0..1	0..1					0..1
1839				departmentName				0..1	0..1					0..1
1840				jobTitle				0..1	0..1					0..1
1841				responsibility										
1842				communicationChannel				0..n	0..n					0..n
1843				communicationChannelCode				1	1					1
1844				communicationValue				1	1					1
1845				afterHoursCommunicationChannel				0..n	0..n					0..n
1846				communicationChannelCode				1	1					1
1847				communicationValue				1	1					1
1848				dangerousGoodsRegulationInformation				0..n	0..n					0..n
1849				dangerousGoodsRegulationCode				1	1					1
1850				dangerousGoodsRegulationName				0..1	0..1					0..1
1851				dangerousGoodsHazardClass				1	1					1
1852				dangerousGoodsPackingGroup				0..1	0..1					0..1
1853				dangerousGoodsAttribute				0..n	0..n					0..n
1854				dangerousGoodsAttributeTypeCode				1	1					1
1855				dangerousGoodsAttributeText				0..1	0..1					0..1
1856				dangerousGoodsAttributeMeasurement				0..1	0..1					0..1
1857				dangerousGoodsAttributeIndicator				0..1	0..1					0..1
1858				dangerousGoodsAttributeDateTime				0..1	0..1					0..1
1859				transportInstructionShipment	0..n	0..n	0..n		0..n	0..n		0..n	0..n	0..n
1860				ShipmentIdentificationType - extension base										
1861				gsin	1	1	1		1	1		1	1	1
1862				additionalShipmentIdentification	0..n	0..n	0..n		0..n	0..n		0..n	0..n	0..n
1863				parentShipmentID										0..1
1864				gsin										1
1865				additionalShipmentIdentification										0..n
1866				transportInstructionSatusCode	0..1	0..1	0..1		0..1	0..1		0..1	0..1	0..1
1867				transportInstructionStatusDescription	0..1	0..1	0..1		0..1	0..1		0..1	0..1	0..1
1868				transportInstructionStatusReasonCode	0..1	0..1	0..1		0..1	0..1		0..1	0..1	0..1
1869				note	0..1	0..1	0..1		0..1	0..1		0..1	0..1	0..1
1870				receiver	1	1	1		1	1		1	1	1
1871				gln	0..1	0..1	0..1		0..1	0..1		0..1	0..1	0..1
1872				additionalPartyIdentification	0..n	0..n	0..n		0..n	0..n		0..n	0..n	0..n
1873				address	0..1	0..1	0..1		0..1	0..1		0..1	0..1	0..1
1874				city	0..1	0..1	0..1		0..1	0..1		0..1	0..1	0..1
1875				cityCode	0..1	0..1	0..1		0..1	0..1		0..1	0..1	0..1
1876				countryCode	0..1	0..1	0..1		0..1	0..1		0..1	0..1	0..1
1877				countyCode										
1878				crossStreet										
1879				currencyOfPartyCode										

1880			languageOfThePartyCode										
1881			name	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1882			pOBoxNumber	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1883			postalCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1884			state	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1885			streetAddressOne	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1886			streetAddressTwo	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1887			geographicalCoordinates	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1888			latitude	1	1	1	1	1	1	1	1	1	1
1889			longitude	1	1	1	1	1	1	1	1	1	1
1890			contact	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1891			contactTypeCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1892			personName	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1893			departmentName	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1894			jobTitle	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1895			responsibility										
1896			communicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
1897			communicationChannelCode	1	1	1	1	1	1	1	1	1	1
1898			communicationValue	1	1	1	1	1	1	1	1	1	1
1899			afterHoursCommunicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
1900			communicationChannelCode	1	1	1	1	1	1	1	1	1	1
1901			communicationValue	1	1	1	1	1	1	1	1	1	1
1902			dutyFeeTaxRegistration					0..n	0..n	0..n	0..n	0..n	0..n
1903			dutyFeeTaxRegistrationID					1	1	1	1	1	1
1904			dutyFeeTaxTypeCode					1	1	1	1	1	1
1905			dutyFeeTaxAgencyName					0..1	0..1	0..1	0..1	0..1	0..1
1906			dutyFeeTaxDescription					0..1	0..1	0..1	0..1	0..1	0..1
1907			organisationDetails	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1908			organisationName	1	1	1	1	1	1	1	1	1	1
1909			issuedCapital										
1910			legalStructure										
1911			officialAddress	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1912			city	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1913			cityCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1914			countryCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1915			countyCode										
1916			crossStreet										
1917			currencyOfPartyCode										
1918			languageOfThePartyCode										
1919			name	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1920			pOBoxNumber	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1921			postalCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1922			state	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1923			streetAddressOne	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1924			streetAddressTwo	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1925			geographicalCoordinates	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
1926			latitude	1	1	1	1	1	1	1	1	1	1
1927			longitude	1	1	1	1	1	1	1	1	1	1
1928			legalRegistration							0..n	0..n	0..n	0..n
1929			legalRegistrationNumber							1	1	1	1
1930			legalRegistrationType							1	1	1	1
1931			financialInstitutionInformation							0..n	0..n	0..n	0..n
1932			financialInstitutionName							0..1	0..1	0..1	0..1
1933			financialInstitutionBranchName							0..1	0..1	0..1	0..1
1934			financialAccount							0..1	0..1	0..1	0..1
1935			financialAccountNumber							1	1	1	1
1936			financialAccountNumberTypeCode							1	1	1	1
1937			financialAccountName							0..1	0..1	0..1	0..1
1938			financialRoutingNumber							0..1	0..1	0..1	0..1
1939			financialRoutingNumber							1	1	1	1
1940			financialRoutingNumberTypeCode							1	1	1	1
1941			additionalFinancialInformation										
1942			address							0..1	0..1	0..1	0..1
1943			city							0..1	0..1	0..1	0..1
1944			cityCode							0..1	0..1	0..1	0..1
1945			countryCode							0..1	0..1	0..1	0..1
1946			countyCode										
1947			crossStreet										

1948				currencyOfPartyCode															
1949				languageOfThePartyCode															
1950				name														0..1	0..1
1951				pOBoxNumber														0..1	0..1
1952				postalCode														0..1	0..1
1953				state														0..1	0..1
1954				streetAddressOne														0..1	0..1
1955				streetAddressTwo														0..1	0..1
1956				geographicalCoordinates														0..1	0..1
1957				latitude														1	1
1958				longitude														1	1
1959				shipper														1	1
1960				gln														0..1	0..1
1961				additionalPartyIdentification														0..n	0..n
1962				address														0..1	0..1
1963				city														0..1	0..1
1964				cityCode														0..1	0..1
1965				countryCode														0..1	0..1
1966				countyCode															
1967				crossStreet															
1968				currencyOfPartyCode															
1969				languageOfThePartyCode															
1970				name														0..1	0..1
1971				pOBoxNumber														0..1	0..1
1972				postalCode														0..1	0..1
1973				state														0..1	0..1
1974				streetAddressOne														0..1	0..1
1975				streetAddressTwo														0..1	0..1
1976				geographicalCoordinates														0..1	0..1
1977				latitude														1	1
1978				longitude														1	1
1979				contact														0..1	0..1
1980				contactTypeCode														0..1	0..1
1981				personName														0..1	0..1
1982				departmentName														0..1	0..1
1983				jobTitle														0..1	0..1
1984				responsibility															
1985				communicationChannel														0..n	0..n
1986				communicationChannelCode														1	1
1987				communicationValue														1	1
1988				afterHoursCommunicationChannel														0..n	0..n
1989				communicationChannelCode														1	1
1990				communicationValue														1	1
1991				dutyFeeTaxRegistration														0..n	0..n
1992				dutyFeeTaxRegistrationID														1	1
1993				dutyFeeTaxTypeCode														1	1
1994				dutyFeeTaxAgencyName														0..1	0..1
1995				dutyFeeTaxDescription														0..1	0..1
1996				organisationDetails														0..1	0..1
1997				organisationName														1	1
1998				issuedCapital															
1999				legalStructure															
2000				officialAddress														0..1	0..1
2001				city														0..1	0..1
2002				cityCode														0..1	0..1
2003				countryCode														0..1	0..1
2004				countyCode															
2005				crossStreet															
2006				currencyOfPartyCode															
2007				languageOfThePartyCode															
2008				name														0..1	0..1
2009				pOBoxNumber														0..1	0..1
2010				postalCode														0..1	0..1
2011				state														0..1	0..1
2012				streetAddressOne														0..1	0..1
2013				streetAddressTwo														0..1	0..1
2014				geographicalCoordinates														0..1	0..1
2015				latitude														1	1

2016		longitude	1	1	1	1	1	1	1	1
2017		legalRegistration						0..n	0..n	
2018		legalRegistrationNumber						1	1	1
2019		legalRegistrationType						1	1	
2020		financialInstitutionInformation						0..n	0..n	
2021		financialInstitutionName						0..1	0..1	
2022		financialInstitutionBranchName						0..1	0..1	
2023		financialAccount						0..1	0..1	
2024		financialAccountNumber						1	1	1
2025		financialAccountNumberTypeCode						1	1	1
2026		financialAccountName						0..1	0..1	
2027		financialRoutingNumber						0..1	0..1	
2028		financialRoutingNumber						1	1	1
2029		financialRoutingNumberTypeCode						1	1	1
2030		additionalFinancialInformation								
2031		address						0..1	0..1	
2032		city						0..1	0..1	
2033		cityCode						0..1	0..1	
2034		countryCode						0..1	0..1	
2035		countyCode								
2036		crossStreet								
2037		currencyOfPartyCode								
2038		languageOfThePartyCode								
2039		name						0..1	0..1	
2040		pOBoxNumber						0..1	0..1	
2041		postalCode						0..1	0..1	
2042		state						0..1	0..1	
2043		streetAddressOne						0..1	0..1	
2044		streetAddressTwo						0..1	0..1	
2045		geographicalCoordinates						0..1	0..1	
2046		latitude						1	1	1
2047		longitude						1	1	1
2048		carrier	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2049		gln	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2050		additionalPartyIdentification	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
2051		address	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2052		city	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2053		cityCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2054		countryCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2055		countyCode								
2056		crossStreet								
2057		currencyOfPartyCode								
2058		languageOfThePartyCode								
2059		name	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2060		pOBoxNumber	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2061		postalCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2062		state	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2063		streetAddressOne	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2064		streetAddressTwo	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2065		geographicalCoordinates	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2066		latitude	1	1	1	1	1	1	1	1
2067		longitude	1	1	1	1	1	1	1	1
2068		contact	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2069		contactTypeCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2070		personName	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2071		departmentName	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2072		jobTitle	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2073		responsibility								
2074		communicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
2075		communicationChannelCode	1	1	1	1	1	1	1	1
2076		communicationValue	1	1	1	1	1	1	1	1
2077		afterHoursCommunicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
2078		communicationChannelCode	1	1	1	1	1	1	1	1
2079		communicationValue	1	1	1	1	1	1	1	1
2080		dutyFeeTaxRegistration					0..n	0..n	0..n	0..n
2081		dutyFeeTaxRegistrationID					1	1	1	1
2082		dutyFeeTaxTypeCode					1	1	1	1
2083		dutyFeeTaxAgencyName					0..1	0..1	0..1	0..1

2084		dutyFeeTaxDescription						0..1		0..1	0..1		0..1
2085		organisationDetails	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2086		organisationName	1		1	1		1	1		1	1	1
2087		issuedCapital											
2088		legalStructure											
2089		officialAddress	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2090		city	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2091		cityCode	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2092		countryCode	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2093		countyCode											
2094		crossStreet											
2095		currencyOfPartyCode											
2096		languageOfThePartyCode											
2097		name	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2098		pOBoxNumber	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2099		postalCode	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2100		state	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2101		streetAddressOne	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2102		streetAddressTwo	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2103		geographicalCoordinates	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2104		latitude	1		1	1		1	1		1	1	1
2105		longitude	1		1	1		1	1		1	1	1
2106		legalRegistration									0..n		0..n
2107		legalRegistrationNumber									1		1
2108		legalRegistrationType									1		1
2109		financialInstitutionInformation									0..n		0..n
2110		financialInstitutionName									0..1		0..1
2111		financialInstitutionBranchName									0..1		0..1
2112		financialAccount									0..1		0..1
2113		financialAccountNumber									1		1
2114		financialAccountNumberTypeCode									1		1
2115		financialAccountName									0..1		0..1
2116		financialRoutingNumber									0..1		0..1
2117		financialRoutingNumber									1		1
2118		financialRoutingNumberTypeCode									1		1
2119		additionalFinancialInformation											
2120		address									0..1		0..1
2121		city									0..1		0..1
2122		cityCode									0..1		0..1
2123		countryCode									0..1		0..1
2124		countyCode											
2125		crossStreet											
2126		currencyOfPartyCode											
2127		languageOfThePartyCode											
2128		name									0..1		0..1
2129		pOBoxNumber									0..1		0..1
2130		postalCode									0..1		0..1
2131		state									0..1		0..1
2132		streetAddressOne									0..1		0..1
2133		streetAddressTwo									0..1		0..1
2134		geographicalCoordinates									0..1		0..1
2135		latitude									1		1
2136		longitude									1		1
2137		notifyParty									0..n		0..n
2138		gln									0..1		0..1
2139		additionalPartyIdentification									0..n		0..n
2140		address									0..1		0..1
2141		city									0..1		0..1
2142		cityCode									0..1		0..1
2143		countryCode									0..1		0..1
2144		countyCode											
2145		crossStreet											
2146		currencyOfPartyCode											
2147		languageOfThePartyCode											
2148		name									0..1		0..1
2149		pOBoxNumber									0..1		0..1
2150		postalCode									0..1		0..1
2151		state									0..1		0..1

2152		streetAddressOne										0..1		0..1
2153		streetAddressTwo										0..1		0..1
2154		geographicalCoordinates										0..1		0..1
2155		latitude										1		1
2156		longitude										1		1
2157		contact										0..1		0..1
2158		contactTypeCode										0..1		0..1
2159		personName										0..1		0..1
2160		departmentName										0..1		0..1
2161		jobTitle										0..1		0..1
2162		responsibility												
2163		communicationChannel										0..n		0..n
2164		communicationChannelCode										1		1
2165		communicationValue										1		1
2166		afterHoursCommunicationChannel										0..n		0..n
2167		communicationChannelCode										1		1
2168		communicationValue										1		1
2169		dutyFeeTaxRegistration										0..n		0..n
2170		dutyFeeTaxRegistrationID										1		1
2171		dutyFeeTaxTypeCode										1		1
2172		dutyFeeTaxAgencyName										0..1		0..1
2173		dutyFeeTaxDescription										0..1		0..1
2174		organisationDetails										0..1		0..1
2175		organisationName										1		1
2176		issuedCapital												
2177		legalStructure												
2178		officialAddress										0..1		0..1
2179		city										0..1		0..1
2180		cityCode										0..1		0..1
2181		countryCode										0..1		0..1
2182		countyCode												
2183		crossStreet												
2184		currencyOfPartyCode												
2185		languageOfThePartyCode												
2186		name										0..1		0..1
2187		pOBoxNumber										0..1		0..1
2188		postalCode										0..1		0..1
2189		state										0..1		0..1
2190		streetAddressOne										0..1		0..1
2191		streetAddressTwo										0..1		0..1
2192		geographicalCoordinates										0..1		0..1
2193		latitude										1		1
2194		longitude										1		1
2195		legalRegistration										0..n		0..n
2196		legalRegistrationNumber										1		1
2197		legalRegistrationType										1		1
2198		financialInstitutionInformation										0..n		0..n
2199		financialInstitutionName										0..1		0..1
2200		financialInstitutionBranchName										0..1		0..1
2201		financialAccount										0..1		0..1
2202		financialAccountNumber										1		1
2203		financialAccountNumberTypeCode										1		1
2204		financialAccountName										0..1		0..1
2205		financialRoutingNumber										0..1		0..1
2206		financialRoutingNumber										1		1
2207		financialRoutingNumberTypeCode										1		1
2208		additionalFinancialInformation												
2209		address										0..1		0..1
2210		city										0..1		0..1
2211		cityCode										0..1		0..1
2212		countryCode										0..1		0..1
2213		countyCode												
2214		crossStreet												
2215		currencyOfPartyCode												
2216		languageOfThePartyCode												
2217		name										0..1		0..1
2218		pOBoxNumber										0..1		0..1
2219		postalCode										0..1		0..1

2220		state								0..1		0..1
2221		streetAddressOne								0..1		0..1
2222		streetAddressTwo								0..1		0..1
2223		geographicalCoordinates								0..1		0..1
2224		latitude								1		1
2225		longitude								1		1
2226		shipTo	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2227		gln	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2228		additionalPartyIdentification	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
2229		address	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2230		city	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2231		cityCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2232		countryCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2233		countyCode										
2234		crossStreet										
2235		currencyOfPartyCode										
2236		languageOfThePartyCode										
2237		name	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2238		pOBoxNumber	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2239		postalCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2240		state	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2241		streetAddressOne	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2242		streetAddressTwo	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2243		geographicalCoordinates	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2244		latitude	1	1	1	1	1	1	1	1	1	1
2245		longitude	1	1	1	1	1	1	1	1	1	1
2246		contact	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2247		contactTypeCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2248		personName	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2249		departmentName	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2250		jobTitle	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2251		responsibility										
2252		communicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
2253		communicationChannelCode	1	1	1	1	1	1	1	1	1	1
2254		communicationValue	1	1	1	1	1	1	1	1	1	1
2255		afterHoursCommunicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
2256		communicationChannelCode	1	1	1	1	1	1	1	1	1	1
2257		communicationValue	1	1	1	1	1	1	1	1	1	1
2258		dutyFeeTaxRegistration					0..n	0..n	0..n	0..n	0..n	0..n
2259		dutyFeeTaxRegistrationID					1	1	1	1	1	1
2260		dutyFeeTaxTypeCode					1	1	1	1	1	1
2261		dutyFeeTaxAgencyName					0..1	0..1	0..1	0..1	0..1	0..1
2262		dutyFeeTaxDescription					0..1	0..1	0..1	0..1	0..1	0..1
2263		organisationDetails	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2264		organisationName	1	1	1	1	1	1	1	1	1	1
2265		issuedCapital										
2266		legalStructure										
2267		officialAddress	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2268		city	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2269		cityCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2270		countryCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2271		countyCode										
2272		crossStreet										
2273		currencyOfPartyCode										
2274		languageOfThePartyCode										
2275		name	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2276		pOBoxNumber	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2277		postalCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2278		state	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2279		streetAddressOne	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2280		streetAddressTwo	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2281		geographicalCoordinates	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2282		latitude	1	1	1	1	1	1	1	1	1	1
2283		longitude	1	1	1	1	1	1	1	1	1	1
2284		legalRegistration								0..n		0..n
2285		legalRegistrationNumber								1		1
2286		legalRegistrationType								1		1
2287		financialInstitutionInformation								0..n		0..n

2288			financialInstitutionName									0..1		0..1
2289			financialInstitutionBranchName									0..1		0..1
2290			financialAccount									0..1		0..1
2291			financialAccountNumber									1		1
2292			financialAccountNumberTypeCode									1		1
2293			financialAccountName									0..1		0..1
2294			financialRoutingNumber									0..1		0..1
2295			financialRoutingNumber									1		1
2296			financialRoutingNumberTypeCode									1		1
2297			additionalFinancialInformation											
2298			address									0..1		0..1
2299			city									0..1		0..1
2300			cityCode									0..1		0..1
2301			countryCode									0..1		0..1
2302			countyCode											
2303			crossStreet											
2304			currencyOfPartyCode											
2305			languageOfThePartyCode											
2306			name									0..1		0..1
2307			pOBoxNumber									0..1		0..1
2308			postalCode									0..1		0..1
2309			state									0..1		0..1
2310			streetAddressOne									0..1		0..1
2311			streetAddressTwo									0..1		0..1
2312			geographicalCoordinates									0..1		0..1
2313			latitude									1		1
2314			longitude									1		1
2315			shipFrom	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2316			gln	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2317			additionalPartyIdentification	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
2318			address	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2319			city	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2320			cityCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2321			countryCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2322			countyCode											
2323			crossStreet											
2324			currencyOfPartyCode											
2325			languageOfThePartyCode											
2326			name	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2327			pOBoxNumber	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2328			postalCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2329			state	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2330			streetAddressOne	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2331			streetAddressTwo	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2332			geographicalCoordinates	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2333			latitude	1	1	1	1	1	1	1	1	1	1	1
2334			longitude	1	1	1	1	1	1	1	1	1	1	1
2335			contact	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2336			contactTypeCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2337			personName	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2338			departmentName	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2339			jobTitle	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2340			responsibility											
2341			communicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
2342			communicationChannelCode	1	1	1	1	1	1	1	1	1	1	1
2343			communicationValue	1	1	1	1	1	1	1	1	1	1	1
2344			afterHoursCommunicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
2345			communicationChannelCode	1	1	1	1	1	1	1	1	1	1	1
2346			communicationValue	1	1	1	1	1	1	1	1	1	1	1
2347			dutyFeeTaxRegistration						0..n		0..n	0..n		0..n
2348			dutyFeeTaxRegistrationID						1		1	1		1
2349			dutyFeeTaxTypeCode						1		1	1		1
2350			dutyFeeTaxAgencyName						0..1		0..1	0..1		0..1
2351			dutyFeeTaxDescription						0..1		0..1	0..1		0..1
2352			organisationDetails	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2353			organisationName	1	1	1	1	1	1	1	1	1	1	1
2354			issuedCapital											
2355			legalStructure											

2356			officialAddress	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2357			city	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2358			cityCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2359			countryCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2360			countyCode									
2361			crossStreet									
2362			currencyOfPartyCode									
2363			languageOfThePartyCode									
2364			name	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2365			pOBoxNumber	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2366			postalCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2367			state	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2368			streetAddressOne	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2369			streetAddressTwo	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2370			geographicalCoordinates	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2371			latitude	1	1	1	1	1	1	1	1	1
2372			longitude	1	1	1	1	1	1	1	1	1
2373			legalRegistration							0..n	0..n	
2374			legalRegistrationNumber							1	1	
2375			legalRegistrationType							1	1	
2376			financialInstitutionInformation							0..n	0..n	
2377			financialInstitutionName							0..1	0..1	
2378			financialInstitutionBranchName							0..1	0..1	
2379			financialAccount							0..1	0..1	
2380			financialAccountNumber							1	1	
2381			financialAccountNumberTypeCode							1	1	
2382			financialAccountName							0..1	0..1	
2383			financialRoutingNumber							0..1	0..1	
2384			financialRoutingNumber							1	1	
2385			financialRoutingNumberTypeCode							1	1	
2386			additionalFinancialInformation									
2387			address							0..1	0..1	
2388			city							0..1	0..1	
2389			cityCode							0..1	0..1	
2390			countryCode							0..1	0..1	
2391			countyCode									
2392			crossStreet									
2393			currencyOfPartyCode									
2394			languageOfThePartyCode									
2395			name							0..1	0..1	
2396			pOBoxNumber							0..1	0..1	
2397			postalCode							0..1	0..1	
2398			state							0..1	0..1	
2399			streetAddressOne							0..1	0..1	
2400			streetAddressTwo							0..1	0..1	
2401			geographicalCoordinates							0..1	0..1	
2402			latitude							1	1	
2403			longitude							1	1	
2404			importAgent					0..1	0..1	0..1	0..1	0..1
2405			gln					0..1	0..1	0..1	0..1	0..1
2406			additionalPartyIdentification					0..n	0..n	0..n	0..n	0..n
2407			address					0..1	0..1	0..1	0..1	0..1
2408			city					0..1	0..1	0..1	0..1	0..1
2409			cityCode					0..1	0..1	0..1	0..1	0..1
2410			countryCode					0..1	0..1	0..1	0..1	0..1
2411			countyCode									
2412			crossStreet									
2413			currencyOfPartyCode									
2414			languageOfThePartyCode									
2415			name					0..1	0..1	0..1	0..1	0..1
2416			pOBoxNumber					0..1	0..1	0..1	0..1	0..1
2417			postalCode					0..1	0..1	0..1	0..1	0..1
2418			state					0..1	0..1	0..1	0..1	0..1
2419			streetAddressOne					0..1	0..1	0..1	0..1	0..1
2420			streetAddressTwo					0..1	0..1	0..1	0..1	0..1
2421			geographicalCoordinates					0..1	0..1	0..1	0..1	0..1
2422			latitude					1	1	1	1	1
2423			longitude					1	1	1	1	1

2424		contact						0..1	0..1	0..1		0..1
2425		contactTypeCode						0..1	0..1	0..1		0..1
2426		personName						0..1	0..1	0..1		0..1
2427		departmentName						0..1	0..1	0..1		0..1
2428		jobTitle						0..1	0..1	0..1		0..1
2429		responsibility										
2430		communicationChannel						0..n	0..n	0..n		0..n
2431		communicationChannelCode						1	1	1		1
2432		communicationValue						1	1	1		1
2433		afterHoursCommunicationChannel						0..n	0..n	0..n		0..n
2434		communicationChannelCode						1	1	1		1
2435		communicationValue						1	1	1		1
2436		dutyFeeTaxRegistration						0..n	0..n	0..n		0..n
2437		dutyFeeTaxRegistrationID						1	1	1		1
2438		dutyFeeTaxTypeCode						1	1	1		1
2439		dutyFeeTaxAgencyName						0..1	0..1	0..1		0..1
2440		dutyFeeTaxDescription						0..1	0..1	0..1		0..1
2441		organisationDetails						0..1	0..1	0..1		0..1
2442		organisationName						1	1	1		1
2443		issuedCapital										
2444		legalStructure										
2445		officialAddress						0..1	0..1	0..1		0..1
2446		city						0..1	0..1	0..1		0..1
2447		cityCode						0..1	0..1	0..1		0..1
2448		countryCode						0..1	0..1	0..1		0..1
2449		countyCode										
2450		crossStreet										
2451		currencyOfPartyCode										
2452		languageOfThePartyCode										
2453		name						0..1	0..1	0..1		0..1
2454		pOBoxNumber						0..1	0..1	0..1		0..1
2455		postalCode						0..1	0..1	0..1		0..1
2456		state						0..1	0..1	0..1		0..1
2457		streetAddressOne						0..1	0..1	0..1		0..1
2458		streetAddressTwo						0..1	0..1	0..1		0..1
2459		geographicalCoordinates						0..1	0..1	0..1		0..1
2460		latitude						1	1	1		1
2461		longitude						1	1	1		1
2462		legalRegistration								0..n		0..n
2463		legalRegistrationNumber								1		1
2464		legalRegistrationType								1		1
2465		financialInstitutionInformation								0..n		0..n
2466		financialInstitutionName								0..1		0..1
2467		financialInstitutionBranchName								0..1		0..1
2468		financialAccount								0..1		0..1
2469		financialAccountNumber								1		1
2470		financialAccountNumberTypeCode								1		1
2471		financialAccountName								0..1		0..1
2472		financialRoutingNumber								0..1		0..1
2473		financialRoutingNumber								1		1
2474		financialRoutingNumberTypeCode								1		1
2475		additionalFinancialInformation										
2476		address								0..1		0..1
2477		city								0..1		0..1
2478		cityCode								0..1		0..1
2479		countryCode								0..1		0..1
2480		countyCode										
2481		crossStreet										
2482		currencyOfPartyCode										
2483		languageOfThePartyCode										
2484		name								0..1		0..1
2485		pOBoxNumber								0..1		0..1
2486		postalCode								0..1		0..1
2487		state								0..1		0..1
2488		streetAddressOne								0..1		0..1
2489		streetAddressTwo								0..1		0..1
2490		geographicalCoordinates								0..1		0..1
2491		latitude								1		1

2492		longitude								1	1
2493		exportAgent						0..1	0..1	0..1	0..1
2494		gln						0..1	0..1	0..1	0..1
2495		additionalPartyIdentification						0..n	0..n	0..n	0..n
2496		address						0..1	0..1	0..1	0..1
2497		city						0..1	0..1	0..1	0..1
2498		cityCode						0..1	0..1	0..1	0..1
2499		countryCode						0..1	0..1	0..1	0..1
2500		countyCode									
2501		crossStreet									
2502		currencyOfPartyCode									
2503		languageOfThePartyCode									
2504		name						0..1	0..1	0..1	0..1
2505		pOBoxNumber						0..1	0..1	0..1	0..1
2506		postalCode						0..1	0..1	0..1	0..1
2507		state						0..1	0..1	0..1	0..1
2508		streetAddressOne						0..1	0..1	0..1	0..1
2509		streetAddressTwo						0..1	0..1	0..1	0..1
2510		geographicalCoordinates						0..1	0..1	0..1	0..1
2511		latitude						1	1	1	1
2512		longitude						1	1	1	1
2513		contact						0..1	0..1	0..1	0..1
2514		contactTypeCode						0..1	0..1	0..1	0..1
2515		personName						0..1	0..1	0..1	0..1
2516		departmentName						0..1	0..1	0..1	0..1
2517		jobTitle						0..1	0..1	0..1	0..1
2518		responsibility									
2519		communicationChannel						0..n	0..n	0..n	0..n
2520		communicationChannelCode						1	1	1	1
2521		communicationValue						1	1	1	1
2522		afterHoursCommunicationChannel						0..n	0..n	0..n	0..n
2523		communicationChannelCode						1	1	1	1
2524		communicationValue						1	1	1	1
2525		dutyFeeTaxRegistration						0..n	0..n	0..n	0..n
2526		dutyFeeTaxRegistrationID						1	1	1	1
2527		dutyFeeTaxTypeCode						1	1	1	1
2528		dutyFeeTaxAgencyName						0..1	0..1	0..1	0..1
2529		dutyFeeTaxDescription						0..1	0..1	0..1	0..1
2530		organisationDetails						0..1	0..1	0..1	0..1
2531		organisationName						1	1	1	1
2532		issuedCapital									
2533		legalStructure									
2534		officialAddress						0..1	0..1	0..1	0..1
2535		city						0..1	0..1	0..1	0..1
2536		cityCode						0..1	0..1	0..1	0..1
2537		countryCode						0..1	0..1	0..1	0..1
2538		countyCode									
2539		crossStreet									
2540		currencyOfPartyCode									
2541		languageOfThePartyCode									
2542		name						0..1	0..1	0..1	0..1
2543		pOBoxNumber						0..1	0..1	0..1	0..1
2544		postalCode						0..1	0..1	0..1	0..1
2545		state						0..1	0..1	0..1	0..1
2546		streetAddressOne						0..1	0..1	0..1	0..1
2547		streetAddressTwo						0..1	0..1	0..1	0..1
2548		geographicalCoordinates						0..1	0..1	0..1	0..1
2549		latitude						1	1	1	1
2550		longitude						1	1	1	1
2551		legalRegistration								0..n	0..n
2552		legalRegistrationNumber								1	1
2553		legalRegistrationType								1	1
2554		financialInstitutionInformation								0..n	0..n
2555		financialInstitutionName								0..1	0..1
2556		financialInstitutionBranchName								0..1	0..1
2557		financialAccount								0..1	0..1
2558		financialAccountNumber								1	1
2559		financialAccountNumberTypeCode								1	1

2560				financialAccountName									0..1		0..1
2561				financialRoutingNumber									0..1		0..1
2562				financialRoutingNumber									1		1
2563				financialRoutingNumberTypeCode									1		1
2564				additionalFinancialInformation											
2565				address									0..1		0..1
2566				city									0..1		0..1
2567				cityCode									0..1		0..1
2568				countryCode									0..1		0..1
2569				countyCode											
2570				crossStreet											
2571				currencyOfPartyCode											
2572				languageOfThePartyCode											
2573				name									0..1		0..1
2574				pOBoxNumber									0..1		0..1
2575				postalCode									0..1		0..1
2576				state									0..1		0..1
2577				streetAddressOne									0..1		0..1
2578				streetAddressTwo									0..1		0..1
2579				geographicalCoordinates									0..1		0..1
2580				latitude									1		1
2581				longitude									1		1
2582				transportInstructionTerms	1		1	1		1	1		1	1	1
2583				transportServiceCategoryType	1		1	1		1	1		1	1	1
2584				transportCollectChargeAmount									0..1		0..1
2585				transportPaymentMethodTypeCode									0..1		0..1
2586				transportPickUpChargeAmount									0..1		0..1
2587				transportServiceConditionType	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2588				transportServiceLevelCode									0..1		0..1
2589				logisticService	0..n		0..n	0..n		0..n	0..n		0..n	0..n	0..n
2590				logisticServiceRequirementCode	1		1	1		1	1		1	1	1
2591				cashOnDeliveryAmount									0..1		0..1
2592				insuranceValue									0..1		0..1
2593				logisticServiceChargeAmount									0..1		0..1
2594				transportCargoCharacteristics	1		1	1		1	1		1	1	1
2595				cargoTypeCode	1		1	1		1	1		1	1	1
2596				harmonizedSystemCode									0..1		0..1
2597				cargoTypeDescription	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2598				countryOfOriginCodet						0..1			0..1	0..1	0..1
2599				finalDestinationCountry						0..1			0..1	0..1	0..1
2600				totalGrossVolume	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2601				totalGrossWeight	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2602				totalTransportNetWeight									0..1		0..1
2603				totalChargeableWeight									0..1		0..1
2604				declaredWeightForCustoms						0..1			0..1	0..1	0..1
2605				totalLoadingLength	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2606				associatedInvoiceAmount									0..1		0..1
2607				declaredValueForCustoms						0..1			0..1	0..1	0..1
2608				totalPackageQuantity									0..1		0..1
2609				totalItemQuantity									0..1		0..1
2610				plannedDelivery	1		1	1		1	1		1	1	1
2611				logisticEventTypeCode											
2612				logisticEventDuration											
2613				logisticLocation	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2614				unLocationCode	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2615				gln	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2616				additionalLocationIdentification	0..n		0..n	0..n		0..n	0..n		0..n	0..n	0..n
2617				sublocationIdentification									0..1		0..1
2618				locationName	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2619				locationSpecificInstructions	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2620				utcOffset									0..1		0..1
2621				address	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2622				city	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2623				cityCode	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2624				countryCode	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2625				countyCode											
2626				crossStreet											
2627				currencyOfPartyCode											

2628			languageOfThePartyCode																	
2629			name	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2630			pOBoxNumber	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2631			postalCode	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2632			state	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2633			streetAddressOne	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2634			streetAddressTwo	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2635			geographicalCoordinates	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2636			latitude	1		1	1			1	1		1	1						1
2637			longitude	1		1	1			1	1		1	1						1
2638			contact	0..n		0..n	0..n			0..n	0..n		0..n	0..n						0..n
2639			contactTypeCode	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2640			personName	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2641			departmentName	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2642			jobTitle	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2643			responsibility																	
2644			communicationChannel	0..n		0..n	0..n			0..n	0..n		0..n	0..n						0..n
2645			communicationChannelCode	1		1	1			1	1		1	1						1
2646			communicationValue	1		1	1			1	1		1	1						1
2647			afterHoursCommunicationChannel	0..n		0..n	0..n			0..n	0..n		0..n	0..n						0..n
2648			communicationChannelCode	1		1	1			1	1		1	1						1
2649			communicationValue	1		1	1			1	1		1	1						1
2650			regularOperatingHours																	0..n
2651			dayOfTheWeekCode																	1
2652			isOperational																	1
2653			closingTime																	0..1
2654			openingTime																	0..1
2655			specialOperatingHours																	0..n
2656			isOperational																	1
2657			specialDate																	1
2658			closingTime																	0..1
2659			openingTime																	0..1
2660			specialDateName																	0..1
2661			logisticEventPeriod	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2662			beginDate	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2663			beginTime	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2664			endDate	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2665			endTime	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2666			logisticEventDateTime	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2667			date	1		1	1			1	1		1	1						1
2668			time	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2669			plannedDespatch	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2670			logisticEventTypeCode																	
2671			logisticEventDuration																	
2672			logisticLocation	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2673			unLocationCode	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2674			gln	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2675			additionalLocationIdentification	0..n		0..n	0..n			0..n	0..n		0..n	0..n						0..n
2676			sublocationIdentification																	0..1
2677			locationName	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2678			locationSpecificInstructions																	0..1
2679			utcOffset																	0..1
2680			address	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2681			city	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2682			cityCode	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2683			countryCode	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2684			countyCode																	
2685			crossStreet																	
2686			currencyOfPartyCode																	
2687			languageOfThePartyCode																	
2688			name	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2689			pOBoxNumber	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2690			postalCode	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2691			state	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2692			streetAddressOne	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2693			streetAddressTwo	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2694			geographicalCoordinates	0..1		0..1	0..1			0..1	0..1		0..1	0..1						0..1
2695			latitude	1		1	1			1	1		1	1						1

2696		longitude	1	1	1	1	1	1	1	1	1	1
2697		contact	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
2698		contactTypeCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2699		personName	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2700		departmentName	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2701		jobTitle	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2702		responsibility										
2703		communicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
2704		communicationChannelCode	1	1	1	1	1	1	1	1	1	1
2705		communicationValue	1	1	1	1	1	1	1	1	1	1
2706		afterHoursCommunicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
2707		communicationChannelCode	1	1	1	1	1	1	1	1	1	1
2708		communicationValue	1	1	1	1	1	1	1	1	1	1
2709		regularOperatingHours								0..n	0..n	
2710		dayOfTheWeekCode								1	1	
2711		isOperational								1	1	
2712		closingTime								0..1	0..1	
2713		openingTime								0..1	0..1	
2714		specialOperatingHours								0..n	0..n	
2715		isOperational								1	1	
2716		specialDate								1	1	
2717		closingTime								0..1	0..1	
2718		openingTime								0..1	0..1	
2719		specialDateName								0..1	0..1	
2720		logisticEventPeriod	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2721		beginDate	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2722		beginTime	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2723		endDate	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2724		endTime	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2725		logisticEventDateTime	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2726		date	1	1	1	1	1	1	1	1	1	1
2727		time	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2728		packageTotal								0..n	0..n	
2729		packageTypeCode								1	1	
2730		totalPackageQuantity								1	1	
2731		totalGrossVolume								0..1	0..1	
2732		totalGrossWeight								0..1	0..1	
2733		returnablePackaging								0..n	0..n	
2734		packagingQuantity								1	1	
2735		newHolderRegistration								0..1	0..1	
2736		currentHolderRegistration								0..1	0..1	
2737		returnableAssetIdentification								1	1	
2738		grai								1	1	
2739		additionalReturnableAssetIdentification								0..n	0..n	
2740		deliveryTerms		0..1		0..1		0..1		0..1		0..1
2741		incotermsCode		0..1		0..1		0..1		0..1		0..1
2742		alternateDeliveryTermsCode		0..1		0..1		0..1		0..1		0..1
2743		deliveryInstructions		0..1		0..1		0..1		0..1		0..1
2744		deliveryTermsLocation		0..1		0..1		0..1		0..1		0..1
2745		unLocationCode		0..1		0..1		0..1		0..1		0..1
2746		glh		0..1		0..1		0..1		0..1		0..1
2747		additionalLocationIdentification		0..n		0..n		0..n		0..n		0..n
2748		sublocationIdentification										0..1
2749		locationName		0..1		0..1		0..1		0..1		0..1
2750		locationSpecificInstructions		0..1		0..1		0..1		0..1		0..1
2751		utcOffset										0..1
2752		address		0..1		0..1		0..1		0..1		0..1
2753		city		0..1		0..1		0..1		0..1		0..1
2754		cityCode		0..1		0..1		0..1		0..1		0..1
2755		countryCode		0..1		0..1		0..1		0..1		0..1
2756		countyCode										
2757		crossStreet										
2758		currencyOfPartyCode										
2759		languageOfThePartyCode										
2760		name		0..1		0..1		0..1		0..1		0..1
2761		pOBoxNumber		0..1		0..1		0..1		0..1		0..1
2762		postalCode		0..1		0..1		0..1		0..1		0..1
2763		state		0..1		0..1		0..1		0..1		0..1

2764		streetAddressOne			0..1			0..1			0..1			0..1
2765		streetAddressTwo			0..1			0..1			0..1			0..1
2766		geographicalCoordinates			0..1			0..1			0..1			0..1
2767		latitude			1			1			1			1
2768		longitude			1			1			1			1
2769		contact			0..n			0..n			0..n			0..n
2770		contactTypeCode			0..1			0..1			0..1			0..1
2771		personName			0..1			0..1			0..1			0..1
2772		departmentName			0..1			0..1			0..1			0..1
2773		jobTitle			0..1			0..1			0..1			0..1
2774		responsibility												
2775		communicationChannel			0..n			0..n			0..n			0..n
2776		communicationChannelCode			1			1			1			1
2777		communicationValue			1			1			1			1
2778		afterHoursCommunicationChannel			0..n			0..n			0..n			0..n
2779		communicationChannelCode			1			1			1			1
2780		communicationValue			1			1			1			1
2781		regularOperatingHours												0..n
2782		dayOfTheWeekCode												1
2783		isOperational												1
2784		closingTime												0..1
2785		openingTime												0..1
2786		specialOperatingHours												0..n
2787		isOperational												1
2788		specialDate												1
2789		closingTime												0..1
2790		openingTime												0..1
2791		specialDateName												0..1
2792		transportReference	0..n		0..n	0..n		0..n	0..n		0..n	0..n		0..n
2793		DocumentReferenceType - extension base												
2794		EntityIdentificationType - extension base												
2795		entityIdentification	1		1	1		1	1		1	1		1
2796		contentOwner	0..1		0..1	0..1		0..1	0..1		0..1	0..1		0..1
2797		gln	1		1	1		1	1		1	1		1
2798		additionalPartyIdentification	0..n		0..n	0..n		0..n	0..n		0..n	0..n		0..n
2799		creationDateTime	0..1		0..1	0..1		0..1	0..1		0..1	0..1		0..1
2800		lineItemNumber	0..1		0..1	0..1		0..1	0..1		0..1	0..1		0..1
2801		transportReferenceTypeCode	1		1	1		1	1		1	1		1
2802		handlingInstruction	0..n		0..n	0..n		0..n	0..n		0..n	0..n		0..n
2803		handlingInstructionCode	0..1		0..1	0..1		0..1	0..1		0..1	0..1		0..1
2804		handlingInstructionText	0..1		0..1	0..1		0..1	0..1		0..1	0..1		0..1
2805		printingInstructionCode												0..n
2806		storageTemperature												0..1
2807		maximumTemperature												0..1
2808		minimumTemperature												0..1
2809		transportTemperature	0..1		0..1	0..1		0..1	0..1		0..1	0..1		0..1
2810		maximumTemperature	0..1		0..1	0..1		0..1	0..1		0..1	0..1		0..1
2811		minimumTemperature	0..1		0..1	0..1		0..1	0..1		0..1	0..1		0..1
2812		dangerousGoodsInformation						0..n	0..n					0..n
2813		dangerousGoodsUNIdentifier						1	1					1
2814		dangerousGoodsShippingName						1	1					1
2815		dangerousGoodsTechnicalName						0..1	0..1					0..1
2816		dangerousGoodsDescription						0..1	0..1					0..1
2817		contact						0..n	0..n					0..n
2818		contactTypeCode						0..1	0..1					0..1
2819		personName						0..1	0..1					0..1
2820		departmentName						0..1	0..1					0..1
2821		jobTitle						0..1	0..1					0..1
2822		responsibility												
2823		communicationChannel						0..n	0..n					0..n
2824		communicationChannelCode						1	1					1
2825		communicationValue						1	1					1
2826		afterHoursCommunicationChannel						0..n	0..n					0..n
2827		communicationChannelCode						1	1					1
2828		communicationValue						1	1					1
2829		dangerousGoodsRegulationInformation						0..n	0..n					0..n
2830		dangerousGoodsRegulationCode						1	1					1
2831		dangerousGoodsRegulationName						0..1	0..1					0..1

2832			dangerousGoodsHazardClass				1		1			1		1
2833			dangerousGoodsPackingGroup				0..1		0..1			0..1		0..1
2834			dangerousGoodsAttribute				0..n		0..n			0..n		0..n
2835			dangerousGoodsAttributeTypeCode				1		1			1		1
2836			dangerousGoodsAttributeText				0..1		0..1			0..1		0..1
2837			dangerousGoodsAttributeMeasurement				0..1		0..1			0..1		0..1
2838			dangerousGoodsAttributeIndicator				0..1		0..1			0..1		0..1
2839			dangerousGoodsAttributeDateTime				0..1		0..1			0..1		0..1
2840			transportInstructionShipmentItem			0..n	0..n		0..n		0..n	0..n		0..n
2841			lineItemNumber	1		1	1		1	1		1	1	1
2842			note	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2843			logisticUnit			0..n	0..n		0..n	0..n		0..n	0..n	0..n
2844			LogisticUnitIdentificationType - extension base											
2845			sscc	1		1	1		1	1		1	1	1
2846			additionalLogisticUnitIdentification	0..n		0..n	0..n		0..n	0..n		0..n	0..n	0..n
2847			parentLogisticUnitId									0..1		0..1
2848			grossWeight									0..1		0..1
2849			packageLevelCode									0..1		0..1
2850			packageTypeCode									0..1		0..1
2851			tradeItemQuantity									0..1		0..1
2852			packagingMarking									0..n		0..n
2853			markingTypeCode									1		1
2854			markingContentDateTime									0..1		0..1
2855			markingContentText									0..1		0..1
2856			referencedTransportEquipment			0..1	0..1		0..1	0..1		0..1	0..1	0..1
2857			transportEquipmentTypeCode	1		1	1		1	1		1	1	1
2858			returnableAssetTypeIdentification	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2859			individualReturnableAssetIdentification									0..n		0..n
2860			individualAssetIdentification									0..n		0..n
2861			giai									1		1
2862			additionalIndividualAssetIdentification									0..n		0..n
2863			returnablePackaging									0..n		0..n
2864			packagingQuantity									1		1
2865			newHolderRegistration									0..1		0..1
2866			currentHolderRegistration									0..1		0..1
2867			returnableAssetIdentification									1		1
2868			grai									1		1
2869			additionalReturnableAssetIdentification									0..n		0..n
2870			transactionalTradeItem			0..n	0..n		0..n	0..n		0..n	0..n	0..n
2871			TradeItemIdentificationType - extension base											
2872			gtin	1		1	1		1	1		1	1	1
2873			additionalTradeItemIdentification	0..n		0..n	0..n		0..n	0..n		0..n	0..n	0..n
2874			tradeItemQuantity	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2875			tradeItemDescription	0..1		0..1	0..1		0..1	0..1		0..1	0..1	0..1
2876			transactionalItemData									0..n		0..n
2877			availableForSaleDate									0..1		0..1
2878			batchNumber									0..1		0..1
2879			bestBeforeDate									0..1		0..1
2880			countryOfOrigin									0..1		0..1
2881			itemExpirationDate									0..1		0..1
2882			lotNumber									0..1		0..1
2883			packagingDate									0..1		0..1
2884			productionDate									0..1		0..1
2885			productQualityIndication									0..1		0..1
2886			sellByDate									0..1		0..1
2887			serialNumber									0..n		0..n
2888			shelfLife									0..1		0..1
2889			tradeItemQuantity									0..1		0..1
2890			transactionalItemWeight									0..n		0..n
2891			serialNumberRange									0..n		0..n
2892			maximumValue									0..1		0..1
2893			minimumValue									0..1		0..1
2894			colour									0..n		0..n
2895			colourCode									0..1		0..1
2896			colourDescription									0..n		0..n
2897			size									0..n		0..n
2898			descriptiveSize									0..1		0..1
2899			sizeCode									0..1		0..1

2900		transportCargoCharacteristics	1	1	1	1	1	1	1	1
2901		cargoTypeCode	1	1	1	1	1	1	1	1
2902		harmonizedSystemCode							0..1	0..1
2903		cargoTypeDescription	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2904		countryOfOriginCodet					0..1	0..1	0..1	0..1
2905		finalDestinationCountry					0..1	0..1	0..1	0..1
2906		totalGrossVolume	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2907		totalGrossWeight	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2908		totalTransportNetWeight							0..1	0..1
2909		totalChargeableWeight							0..1	0..1
2910		declaredWeightForCustoms					0..1	0..1	0..1	0..1
2911		totalLoadingLength	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2912		associatedInvoiceAmount							0..1	0..1
2913		declaredValueForCustoms					0..1	0..1	0..1	0..1
2914		totalPackageQuantity							0..1	0..1
2915		totalItemQuantity							0..1	0..1
2916		transportReference	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
2917		DocumentReferenceType - extension base								
2918		EntityIdentificationType - extension base								
2919		entityIdentification	1	1	1	1	1	1	1	1
2920		contentOwner	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2921		gln	1	1	1	1	1	1	1	1
2922		additionalPartyIdentification	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
2923		creationDateTime	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2924		lineItemNumber	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2925		transportReferenceTypeCode	1	1	1	1	1	1	1	1
2926		packageTotal	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
2927		packageTypeCode	1	1	1	1	1	1	1	1
2928		totalPackageQuantity	1	1	1	1	1	1	1	1
2929		totalGrossVolume							0..1	0..1
2930		totalGrossWeight							0..1	0..1
2931		returnablePackaging	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
2932		packagingQuantity	1	1	1	1	1	1	1	1
2933		newHolderRegistration							0..1	0..1
2934		currentHolderRegistration							0..1	0..1
2935		returnableAssetIdentification	1	1	1	1	1	1	1	1
2936		grai	1	1	1	1	1	1	1	1
2937		additionalReturnableAssetIdentification	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
2938		handlingInstruction	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
2939		handlingInstructionCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2940		handlingInstructionText	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2941		printingInstructionCode							0..n	0..n
2942		storageTemperature							0..1	0..1
2943		maximumTemperature							0..1	0..1
2944		minimumTemperature							0..1	0..1
2945		transportTemperature	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2946		maximumTemperature	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2947		minimumTemperature	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
2948		dangerousGoodsInformation			0..n	0..n			0..n	0..n
2949		dangerousGoodsRegulationCode			1	1			1	1
2950		dangerousGoodsRegulationName			0..1	0..1			0..1	0..1
2951		dangerousGoodsHazardClass			1	1			1	1
2952		dangerousGoodsPackingGroup			0..1	0..1			0..1	0..1
2953		dangerousGoodsAttribute			0..n	0..n			0..n	0..n
2954		dangerousGoodsAttributeTypeCode			1	1			1	1
2955		dangerousGoodsAttributeText			0..1	0..1			0..1	0..1
2956		dangerousGoodsAttributeMeasurement			0..1	0..1			0..1	0..1
2957		dangerousGoodsAttributeIndicator			0..1	0..1			0..1	0..1
2958		dangerousGoodsAttributeDateTime			0..1	0..1			0..1	0..1

B.2. Transport Instruction Response profiles

Pars of the Transport Instruction Response are equal to parts of the Transport Instruction. This, references are made to the similar profile definitions in A2.1.

Profiles														
Linenummer	Message elements	Profile codes	CS	CC	CSC	SDG	CDG	SCDG	SCU	CCU	SCCU	FS	FC	FCS
			Core Shipment	Core Consignment	Core Shipment & Consignment	Shipment & DG	Consignment & DG	Shipment & Consignment & DG	Shipment & Customs	Consignment & Customs	Shipment & Consignment & Customs	Full Shipment	Full Consignment	Full Shipment & Consignment
	Red elements are not used													
1	transportInstructionResponseMessage		1	1	1	1	1	1	1	1	1	1	1	1
2	StandardBusinessDocumentHeader		1	1	1	1	1	1	1	1	1	1	1	1
	SeeTransport Instruction: Line 3 - 49													
50	transportInstructionResponse		1..n	1..n	1..n	1..n	1..n	1..n	1..n	1..n	1..n	1..n	1..n	1..n
51	DocumentType - extension base													
52	creationDateTime		1	1	1	1	1	1	1	1	1	1	1	1
53	documentStatusCode		1	1	1	1	1	1	1	1	1	1	1	1
54	documentActionCode		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
55	documentStructureVersion		1	1	1	1	1	1	1	1	1	1	1	1
56	lastUpdateDateTime		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
57	extension													
58	transportInstructionResponseIdentification		1	1	1	1	1	1	1	1	1	1	1	1
59	entityIdentification		1	1	1	1	1	1	1	1	1	1	1	1
60	contentOwner		1	1	1	1	1	1	1	1	1	1	1	1
61	gln		1	1	1	1	1	1	1	1	1	1	1	1
62	additionalPartyIdentification		0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
63	responseType		1	1	1	1	1	1	1	1	1	1	1	1
64	logisticServicesSeller		1	1	1	1	1	1	1	1	1	1	1	1
65	gln		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
66	additionalPartyIdentification		0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
67	address		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
68	city		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
69	cityCode		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
70	countryCode		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
71	countyCode													
72	crossStreet													
73	currencyOfPartyCode													
74	languageOfThePartyCode													
75	name		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
76	pOBoxNumber		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
77	postalCode		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
78	state		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
79	streetAddressOne		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
80	streetAddressTwo		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
81	geographicalCoordinates		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
82	latitude		1	1	1	1	1	1	1	1	1	1	1	1
83	longitude		1	1	1	1	1	1	1	1	1	1	1	1
84	contact		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
85	contactTypeCode		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
86	personName		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
87	departmentName		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
88	jobTitle		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
89	responsibility													
90	communicationChannel		0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
91	communicationChannelCode		1	1	1	1	1	1	1	1	1	1	1	1
92	communicationValue		1	1	1	1	1	1	1	1	1	1	1	1
93	afterHoursCommunicationChannel		0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
94	communicationChannelCode		1	1	1	1	1	1	1	1	1	1	1	1
95	communicationValue		1	1	1	1	1	1	1	1	1	1	1	1
96	dutyFeeTaxRegistration								0..n	0..n	0..n	0..n	0..n	0..n
97	dutyFeeTaxRegistrationID								1	1	1	1	1	1
98	dutyFeeTaxTypeCode								1	1	1	1	1	1
99	dutyFeeTaxAgencyName								0..1	0..1	0..1	0..1	0..1	0..1
100	dutyFeeTaxDescription								0..1	0..1	0..1	0..1	0..1	0..1
101	organisationDetails		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
102	organisationName		1	1	1	1	1	1	1	1	1	1	1	1
103	issuedCapital													
104	legalStructure													
105	officialAddress		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
106	city		0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1

107		cityCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
108		countryCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
109		countyCode												
110		crossStreet												
111		currencyOfPartyCode												
112		languageOfThePartyCode												
113		name	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
114		pOBoxNumber	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
115		postalCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
116		state	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
117		streetAddressOne	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
118		streetAddressTwo	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
119		geographicalCoordinates	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
120		latitude	1	1	1	1	1	1	1	1	1	1	1	1
121		longitude	1	1	1	1	1	1	1	1	1	1	1	1
122		legalRegistration										0..n	0..n	0..n
123		legalRegistrationNumber										1	1	1
124		legalRegistrationType										1	1	1
125		financialInstitutionInformation										0..n	0..n	0..n
126		financialInstitutionName										0..1	0..1	0..1
127		financialInstitutionBranchName										0..1	0..1	0..1
128		financialAccount										0..1	0..1	0..1
129		financialAccountNumber										1	1	1
130		financialAccountNumberTypeCode										1	1	1
131		financialAccountName										0..1	0..1	0..1
132		financialRoutingNumber										0..1	0..1	0..1
133		financialRoutingNumber										1	1	1
134		financialRoutingNumberTypeCode										1	1	1
135		additionalFinancialInformation												
136		address										0..1	0..1	0..1
137		city										0..1	0..1	0..1
138		cityCode										0..1	0..1	0..1
139		countryCode										0..1	0..1	0..1
140		countyCode												
141		crossStreet												
142		currencyOfPartyCode												
143		languageOfThePartyCode												
144		name										0..1	0..1	0..1
145		pOBoxNumber										0..1	0..1	0..1
146		postalCode										0..1	0..1	0..1
147		state										0..1	0..1	0..1
148		streetAddressOne										0..1	0..1	0..1
149		streetAddressTwo										0..1	0..1	0..1
150		geographicalCoordinates										0..1	0..1	0..1
151		latitude										1	1	1
152		longitude										1	1	1
153		logisticServiceBuyer	1	1	1	1	1	1	1	1	1	1	1	1
154		gln	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
155		additionalPartyIdentification	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
156		address	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
157		city	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
158		cityCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
159		countryCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
160		countyCode												
161		crossStreet												
162		currencyOfPartyCode												
163		languageOfThePartyCode												
164		name	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
165		pOBoxNumber	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
166		postalCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
167		state	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
168		streetAddressOne	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
169		streetAddressTwo	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
170		geographicalCoordinates	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
171		latitude	1	1	1	1	1	1	1	1	1	1	1	1
172		longitude	1	1	1	1	1	1	1	1	1	1	1	1
173		contact	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
174		contactTypeCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
175		personName	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
176		departmentName	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
177		jobTitle	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
178		responsibility												
179		communicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
180		communicationChannelCode	1	1	1	1	1	1	1	1	1	1	1	1
181		communicationValue	1	1	1	1	1	1	1	1	1	1	1	1
182		afterHoursCommunicationChannel	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
183		communicationChannelCode	1	1	1	1	1	1	1	1	1	1	1	1

184		communicationValue	1	1	1	1	1	1	1	1	1	1	1	1
185		dutyFeeTaxRegistration							0..n	0..n	0..n	0..n	0..n	0..n
186		dutyFeeTaxRegistrationID							1	1	1	1	1	1
187		dutyFeeTaxTypeCode							1	1	1	1	1	1
188		dutyFeeTaxAgencyName							0..1	0..1	0..1	0..1	0..1	0..1
189		dutyFeeTaxDescription							0..1	0..1	0..1	0..1	0..1	0..1
190		organisationDetails	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
191		organisationName	1	1	1	1	1	1	1	1	1	1	1	1
192		issuedCapital												
193		legalStructure												
194		officialAddress	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
195		city	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
196		cityCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
197		countryCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
198		countyCode												
199		crossStreet												
200		currencyOfPartyCode												
201		languageOfThePartyCode												
202		name	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
203		pOBoxNumber	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
204		postalCode	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
205		state	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
206		streetAddressOne	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
207		streetAddressTwo	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
208		geographicalCoordinates	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
209		latitude	1	1	1	1	1	1	1	1	1	1	1	1
210		longitude	1	1	1	1	1	1	1	1	1	1	1	1
211		legalRegistration										0..n	0..n	0..n
212		legalRegistrationNumber										1	1	1
213		legalRegistrationType										1	1	1
214		financialInstitutionInformation										0..n	0..n	0..n
215		financialInstitutionName										0..1	0..1	0..1
216		financialInstitutionBranchName										0..1	0..1	0..1
217		financialAccount										0..1	0..1	0..1
218		financialAccountNumber										1	1	1
219		financialAccountNumberTypeCode										1	1	1
220		financialAccountName										0..1	0..1	0..1
221		financialRoutingNumber										0..1	0..1	0..1
222		financialRoutingNumber										1	1	1
223		financialRoutingNumberTypeCode										1	1	1
224		additionalFinancialInformation												
225		address										0..1	0..1	0..1
226		city										0..1	0..1	0..1
227		cityCode										0..1	0..1	0..1
228		countryCode										0..1	0..1	0..1
229		countyCode												
230		crossStreet												
231		currencyOfPartyCode												
232		languageOfThePartyCode												
233		name										0..1	0..1	0..1
234		pOBoxNumber										0..1	0..1	0..1
235		postalCode										0..1	0..1	0..1
236		state										0..1	0..1	0..1
237		streetAddressOne										0..1	0..1	0..1
238		streetAddressTwo										0..1	0..1	0..1
239		geographicalCoordinates										0..1	0..1	0..1
240		latitude										1	1	1
241		longitude										1	1	1
242		billTo										0..1	0..1	0..1
243		gln										0..1	0..1	0..1
244		additionalPartyIdentification										0..n	0..n	0..n
245		address										0..1	0..1	0..1
246		city										0..1	0..1	0..1
247		cityCode										0..1	0..1	0..1
248		countryCode										0..1	0..1	0..1
249		countyCode												
250		crossStreet												
251		currencyOfPartyCode												
252		languageOfThePartyCode												
253		name										0..1	0..1	0..1
254		pOBoxNumber										0..1	0..1	0..1
255		postalCode										0..1	0..1	0..1
256		state										0..1	0..1	0..1
257		streetAddressOne										0..1	0..1	0..1
258		streetAddressTwo										0..1	0..1	0..1
259		geographicalCoordinates										0..1	0..1	0..1
260		latitude										1	1	1

261		longitude								1	1	1
262		contact								0..1	0..1	0..1
263		contactTypeCode								0..1	0..1	0..1
264		personName								0..1	0..1	0..1
265		departmentName								0..1	0..1	0..1
266		jobTitle								0..1	0..1	0..1
267		<i>responsibility</i>										
268		communicationChannel								0..n	0..n	0..n
269		communicationChannelCode								1	1	1
270		communicationValue								1	1	1
271		afterHoursCommunicationChannel								0..n	0..n	0..n
272		communicationChannelCode								1	1	1
273		communicationValue								1	1	1
274		dutyFeeTaxRegistration								0..n	0..n	0..n
275		dutyFeeTaxRegistrationID								1	1	1
276		dutyFeeTaxTypeCode								1	1	1
277		dutyFeeTaxAgencyName								0..1	0..1	0..1
278		dutyFeeTaxDescription								0..1	0..1	0..1
279		organisationDetails								0..1	0..1	0..1
280		organisationName								1	1	1
281		<i>issuedCapital</i>										
282		<i>legalStructure</i>										
283		officialAddress								0..1	0..1	0..1
284		city								0..1	0..1	0..1
285		cityCode								0..1	0..1	0..1
286		countryCode								0..1	0..1	0..1
287		<i>countyCode</i>										
288		<i>crossStreet</i>										
289		<i>currencyOfPartyCode</i>										
290		<i>languageOfThePartyCode</i>										
291		name								0..1	0..1	0..1
292		pOBoxNumber								0..1	0..1	0..1
293		postalCode								0..1	0..1	0..1
294		state								0..1	0..1	0..1
295		streetAddressOne								0..1	0..1	0..1
296		streetAddressTwo								0..1	0..1	0..1
297		geographicalCoordinates								0..1	0..1	0..1
298		latitude								1	1	1
299		longitude								1	1	1
300		legalRegistration								0..n	0..n	0..n
301		legalRegistrationNumber								1	1	1
302		legalRegistrationType								1	1	1
303		financialInstitutionInformation								0..n	0..n	0..n
304		financialInstitutionName								0..1	0..1	0..1
305		financialInstitutionBranchName								0..1	0..1	0..1
306		financialAccount								0..1	0..1	0..1
307		financialAccountNumber								1	1	1
308		financialAccountNumberTypeCode								1	1	1
309		financialAccountName								0..1	0..1	0..1
310		financialRoutingNumber								0..1	0..1	0..1
311		financialRoutingNumber								1	1	1
312		financialRoutingNumberTypeCode								1	1	1
313		<i>additionalFinancialInformation</i>										
314		address								0..1	0..1	0..1
315		city								0..1	0..1	0..1
316		cityCode								0..1	0..1	0..1
317		countryCode								0..1	0..1	0..1
318		<i>countyCode</i>										
319		<i>crossStreet</i>										
320		<i>currencyOfPartyCode</i>										
321		<i>languageOfThePartyCode</i>										
322		name								0..1	0..1	0..1
323		pOBoxNumber								0..1	0..1	0..1
324		postalCode								0..1	0..1	0..1
325		state								0..1	0..1	0..1
326		streetAddressOne								0..1	0..1	0..1
327		streetAddressTwo								0..1	0..1	0..1
328		geographicalCoordinates								0..1	0..1	0..1
329		latitude								1	1	1
330		longitude								1	1	1
331		transportInstruction	1	1	1	1	1	1	1	1	1	1
332		EntityIdentificationType - extension base										
333		entityIdentification	0..1	1	1	1	1	1	1	1	1	1
334		contentOwner	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1
335		gln	1	1	1	1	1	1	1	1	1	1
336		additionalPartyIdentification	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n	0..n
337		creationDateTime	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1	0..1

338		lineItemNumber	0..1	0..1	0..1		0..1	0..1		0..1	0..1	0..1	0..1	0..1
339		transportInstructionConsignment	0..n	0..n	0..n		0..n	0..n		0..n	0..n		0..n	0..n
340		See Transport Instruction: Line 340 - 1866												
1867		transportInstructionShipment	0..n		0..n	0..n		0..n	0..n		0..n	0..n		0..n
1868		See Transport Instruction: Line 1868 - 2958												

Annex C. Code List modifications

C.1. HarmonizedSystemCode

The HarmonizedSystemCode may be used as a supplement to CargoTypeCode and should be based on the WCO HS Nomenclature (the WCO code list includes even more detailed cargo types and codes). META suggests to use the two topmost levels. These are the codes associated with the sections in the table below.

Code	Code definition
01	SECTION I: Live animals; animal products
0101	Live animals.
0102	Meat and edible meat offal.
0103	Fish and crustaceans, molluscs and other aquatic invertebrates.
0104	Dairy produce; birds eggs; natural honey; edible products of animal origin, not elsewhere specified or included.
0105	Products of animal origin, not elsewhere specified or included.
02	SECTION II: Vegetable products
0206	Live trees and other plants; bulbs, roots and the like; cut flowers and ornamental foliage.
0207	Edible vegetables and certain roots and tubers.
0208	Edible fruit and nuts; peel of citrus fruit or melons.
0209	Coffee, tea, maté and spices.
0210	Cereals.
0211	Products of the milling industry; malt; starches; inulin; wheat gluten.
0212	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit; industrial or medicinal plants; straw and fodder.
0213	Lac; gums, resins and other vegetable saps and extracts.
0214	Vegetable plaiting materials; vegetable products not elsewhere specified or included.
03	SECTION III: Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes
0315	Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes.
04	SECTION IV: Prepared foodstuffs; beverages, spirits and vinegar; tobacco and manufactured tobacco substitutes
0416	Preparations of meat, of fish or of crustaceans, molluscs or other aquatic invertebrates.
0417	Sugars and sugar confectionery.
0418	Cocoa and cocoa preparations.
0419	Preparations of cereals, flour, starch or milk; pastrycooks products.
0420	Preparations of vegetables, fruit, nuts or other parts of plants.
0421	Miscellaneous edible preparations.
0422	Beverages, spirits and vinegar.
0423	Residues and waste from the food industries; prepared animal fodder.
0424	Tobacco and manufactured tobacco substitutes.
05	SECTION V: Mineral products
0525	Salt; sulphur; earths and stone; plastering materials, lime and cement.
0526	Ores, slag and ash.
0527	Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes.
06	SECTION VI: Products of the chemical or allied industries
0628	Inorganic chemicals; organic or inorganic compounds of precious metals, of rare-earth metals, of radioactive elements or of isotopes.
0629	Organic chemicals.
0630	Pharmaceutical products.
0631	Fertilisers.
0632	Tanning or dyeing extracts; tannins and their derivatives; dyes, pigments and other colouring matter; paints and varnishes; putty and other mastics; inks.
0633	Essential oils and resinoids; perfumery, cosmetic or toilet preparations.
0634	Soap, organic surface-active agents, washing preparations, lubricating preparations, artificial waxes, prepared waxes, polishing or scouring preparations, candles and similar articles, modelling pastes, "dental waxes" and dental preparations with a basis of plaster.
0635	Albuminoidal substances; modified starches; glues; enzymes.
0636	Explosives; pyrotechnic products; matches; pyrophoric alloys; certain combustible preparations.
0637	Photographic or cinematographic goods.
0638	Miscellaneous chemical products.
07	SECTION VII: Plastics and articles thereof; rubber and articles thereof
0739	Plastics and articles thereof.
0740	Rubber and articles thereof.

08	SECTION VIII: Raw hides and skins, leather, furskins and articles thereof; saddlery and harness; travel goods, handbags and similar containers; articles of animal gut (other than silk-worm gut)
0841	Raw hides and skins (other than furskins) and leather.
0842	Articles of leather; saddlery and harness; travel goods, handbags and similar containers; articles of animal gut (other than silk-worm gut).
0843	Furskins and artificial fur; manufactures thereof.
09	SECTION IX: Wood and articles of wood; wood charcoal; cork and articles of cork; manufactures of straw, of esparto or of other plaiting materials; basketware and wickerwork
0944	Wood and articles of wood; wood charcoal.
0945	Cork and articles of cork.
0946	Manufactures of straw, of esparto or of other plaiting materials; basketware and wickerwork.
10	SECTION X: Pulp of wood or of other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard; paper and paperboard and articles thereof
1047	Pulp of wood or of other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard.
1048	Paper and paperboard; articles of paper pulp, of paper or of paperboard.
1049	Printed books, newspapers, pictures and other products of the printing industry; manuscripts, typescripts and plans.
11	SECTION XI: Textiles and textile articles
1150	Silk.
1151	Wool, fine or coarse animal hair; horsehair yarn and woven fabric.
1152	Cotton.
1153	Other vegetable textile fibres; paper yarn and woven fabrics of paper yarn.
1154	Man-made filaments.
1155	Man-made staple fibres.
1156	Wadding, felt and nonwovens; special yarns; twine, cordage, ropes and cables and articles thereof.
1157	Carpets and other textile floor coverings.
1158	Special woven fabrics; tufted textile fabrics; lace; tapestries; trimmings; embroidery.
1159	Impregnated, coated, covered or laminated textile fabrics; textile articles of a kind suitable for industrial use.
1160	Knitted or crocheted fabrics.
1161	Articles of apparel and clothing accessories, knitted or crocheted.
1162	Articles of apparel and clothing accessories, not knitted or crocheted.
1163	Other made up textile articles; sets; worn clothing and worn textile articles; rags.
12	SECTION XII: Footwear, headgear, umbrellas, sun umbrellas, walking-sticks, seat-sticks, whips, riding-crops and parts thereof; prepared feathers and articles made therewith; artificial flowers; articles of human hair
1264	Footwear, gaiters and the like; parts of such articles.
1265	Headgear and parts thereof.
1266	Umbrellas, sun umbrellas, walking-sticks, seat-sticks, whips, riding-crops and parts thereof.
1267	Prepared feathers and down and articles made of feathers or of down; artificial flowers; articles of human hair.
13	SECTION XIII: Articles of stone, plaster, cement, asbestos, mica or similar materials; ceramic products; glass and glassware
1368	Articles of stone, plaster, cement, asbestos, mica or similar materials.
1369	Ceramic products.
1370	Glass and glassware.
14	SECTION XIV: Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal and articles thereof; imitation jewellery; coin
1471	Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal and articles thereof; imitation jewellery; coin.
15	SECTION XV: Base metals and articles of base metal
1572	Iron and steel.
1573	Articles of iron or steel.
1574	Copper and articles thereof.
1575	Nickel and articles thereof.
1576	Aluminium and articles thereof.
1577	(Reserved for possible future use in the Harmonized System)
1578	Lead and articles thereof.
1579	Zinc and articles thereof.
1580	Tin and articles thereof.
1581	Other base metals; cermets; articles thereof.
1582	Tools, implements, cutlery, spoons and forks, of base metal; parts thereof of base metal.
1583	Miscellaneous articles of base metal.
16	SECTION XVI: Machinery and mechanical appliances; electrical equipment; parts thereof; sound recorders and reproducers, television

	image and sound recorders and reproducers, and parts and accessories of such articles
1684	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof.
1685	Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles.
17	SECTION XVII: Vehicles, aircraft, vessels and associated transport equipment
1786	Railway or tramway locomotives, rolling-stock and parts thereof; railway or tramway track fixtures and fittings and parts thereof; mechanical (including electro-mechanical) traffic signalling equipment of all kinds.
1787	Vehicles other than railway or tramway rolling-stock, and parts and accessories thereof.
1788	Aircraft, spacecraft, and parts thereof.
1789	Ships, boats and floating structures.
18	SECTION XVIII: Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; clocks and watches; musical instruments; parts and accessories thereof
1890	Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof.
1891	Clocks and watches and parts thereof.
1892	Musical instruments; parts and accessories of such articles.
19	SECTION XIX: Arms and ammunition; parts and accessories thereof
1993	Arms and ammunition; parts and accessories thereof.
20	SECTION XX: Miscellaneous manufactured articles
2094	Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, not elsewhere specified or included; illuminated signs, illuminated name-plates and the like; prefabricated buildings.
2095	Toys, games and sports requisites; parts and accessories thereof.
2096	Miscellaneous manufactured articles.
21	SECTION XXI: Works of art, collectors pieces and antiques
2197	Works of art, collectors pieces and antiques.

C.2. PackageTypeCode

Based on code list in UN/ECE Recommendation 21. The codes in the left column are the keys to be used.

Code	Name	Description	Numeric code
1A	Drum, steel		34
1B	Drum, aluminium		34
1D	Drum, plywood		34
1F	Container, flexible	A packaging container of flexible construction.	93
1G	Drum, fibre		34
1W	Drum, wooden		34 or 35
2C	Barrel, wooden		44 or 45
3A	Jerrican, steel		23 or 33
3H	Jerrican, plastic		23 or 33
43	Bag, super bulk	A cloth plastic or paper based bag having the dimensions of the pallet on which it is constructed.	64
44	Bag, polybag	A type of plastic bag, typically used to wrap promotional pieces, publications, product samples, and/or catalogues.	62 or 63
4A	Box, steel		21 to 25
4B	Box, aluminium		21 to 25
4C	Box, natural wood		21 to 25
4D	Box, plywood		21 to 25
4F	Box, reconstituted wood		21 to 25
4G	Box, fibreboard		21 to 25
4H	Box, plastic		21 to 25
5H	Bag, woven plastic		62 to 64
5L	Bag, textile		62 to 64
5M	Bag, paper		62 to 64
6H	Composite packaging, plastic receptacle		24 or 25 or 33 or 34
6P	Composite packaging, glass receptacle		23 or 24 or 25 or 33 or 34 or 62 or 63
7A	Case, car	A type of portable container designed to store equipment for carriage in an automobile.	22 or 23
7B	Case, wooden	A case made of wood for retaining substances or articles.	24 or 25
8A	Pallet, wooden	A platform or open-ended box, made of wood, on which goods are retained for ease of mechanical handling during transport and storage.	24 or 25
8B	Crate, wooden	A receptacle, made of wood, on which goods are retained for ease of mechanical handling during transport and storage.	23 to 27
8C	Bundle, wooden	Loose or unpacked pieces of wood tied or wrapped together.	16
AA	Intermediate bulk container, rigid plastic		23 to 26
AB	Receptacle, fibre	Containment vessel made of fibre used for retaining substances or articles.	21 to 23 or 31 to 33 or 41 to 43
AC	Receptacle, paper	Containment vessel made of paper for retaining substances or articles.	21 to 23 or 31 to 33 or 41 to 43
AD	Receptacle, wooden	Containment vessel made of wood for retaining substances or articles.	21 to 23 or 31 to 33 or 41 to 43
AE	Aerosol		42 or 43
AF	Pallet, modular, collars 80cms * 60cms	Standard sized pallet of dimensions 80 centimeters by	92

		60 centimeters (cms).	
AG	Pallet, shrinkwrapped	Pallet load secured with transparent plastic film that has been wrapped around and then shrunk tightly.	92
AH	Pallet, 100cms * 110cms	Standard sized pallet of dimensions 100centimeters by 110 centimeters (cms).	92
AI	Clamshell		21 to 23
AJ	Cone	Container used in the transport of linear material such as yarn.	51
AL	Ball	A spherical containment vessel for retaining substances or articles.	46
AM	Ampoule, non-protected		31
AP	Ampoule, protected		31
AT	Atomizer		42 or 43
AV	Capsule		92
B4	Belt	A band use to retain multiple articles together.	93
BA	Barrel		44 or 45
BB	Bobbin		91
BC	Bottlecrate / bottlerack		29
BD	Board		16
BE	Bundle		61 to 65
BF	Balloon, non-protected		42 or 43
BG	Bag	A receptacle made of flexible material with an open or closed top.	62 to 64
BH	Bunch		61 to 65
BI	Bin		21 or 25
BJ	Bucket		51
BK	Basket		27
BL	Bale, compressed		65
BM	Basin		51
BN	Bale, non-compressed		65
BO	Bottle, non-protected, cylindrical	A narrow-necked cylindrical shaped vessel without external protective packing material.	32 or 33
BP	Balloon, protected		42 or 43
BQ	Bottle, protected cylindrical	A narrow-necked cylindrical shaped vessel with external protective packing material.	32 or 33
BR	Bar		16
BS	Bottle, non-protected, bulbous	A narrow-necked bulb shaped vessel without external protective packing material.	42 or 43
BT	Bolt		13
BU	Butt		44 or 45
BV	Bottle, protected bulbous	A narrow-necked bulb shaped vessel with external protective packing material.	42 or 43
BW	Box, for liquids		21 to 25
BX	Box		21 to 25
BY	Board, in bundle/bunch/truss		16
BZ	Bars, in bundle/bunch/truss		16
CA	Can, rectangular		22
CB	Crate, beer		23 to 27
CC	Churn		32 or 33
CD	Can, with handle and spout		22
CE	Creel		27
CF	Coffer		24
CG	Cage		26
CH	Chest		25
CI	Canister		21 or 22
CJ	Coffin		54
CK	Cask		44 or 45
CL	Coil		14
CM	Card	A flat package usually made of fibreboard from/to which	67

		product is often hung or attached.	
CN	Container, not otherwise specified as transport equipment		25
CO	Carboy, non-protected		43
CP	Carboy, protected		43
CQ	Cartridge	Package containing a charge such as propelling explosive for firearms or ink toner for a printer.	92
CR	Crate		24 to 25
CS	Case		21 to 25
CT	Carton		22 to 24
CU	Cup		51
CV	Cover		67
CW	Cage, roll		26
CX	Can, cylindrical		32
CY	Cylinder		12
CZ	Canvas		67
DA	Crate, multiple layer, plastic		23 to 25 or 27
DB	Crate, multiple layer, wooden		23 to 25 or 27
DC	Crate, multiple layer, cardboard		23 to 25 or 27
DG	Cage, Commonwealth Handling Equipment Pool (CHEP)		26
DH	Box, Commonwealth Handling Equipment Pool (CHEP), Eurobox	A box mounted on a pallet base under the control of CHEP.	27
DI	Drum, iron		34
DJ	Demijohn, non-protected		43
DK	Crate, bulk, cardboard		23 to 25 or 27
DL	Crate, bulk, plastic		23 to 25 or 27
DM	Crate, bulk, wooden		23 to 25 or 27
DN	Dispenser		93
DP	Demijohn, protected		43
DR	Drum		34
DS	Tray, one layer no cover, plastic		27
DT	Tray, one layer no cover, wooden		27
DU	Tray, one layer no cover, polystyrene		27
DV	Tray, one layer no cover, cardboard		27
DW	Tray, two layers no cover, plastic tray		27 or 29
DX	Tray, two layers no cover, wooden		27 or 29
DY	Tray, two layers no cover, cardboard		27 or 29
EC	Bag, plastic		62 to 64
ED	Case, with pallet base		23 to 25
EE	Case, with pallet base, wooden		23 to 25
EF	Case, with pallet base, cardboard		23 to 25
EG	Case, with pallet base, plastic		23 to 25
EH	Case, with pallet base, metal		23 to 25
EI	Case, isothermic		22 to 25
EN	Envelope		67
FB	Flexibag	A flexible containment bag made of plastic, typically for the transportation bulk non-hazardous cargoes using standard size shipping containers.	65
FC	Crate, fruit		23 to 27
FD	Crate, framed		26
FE	Flexitank	A flexible containment tank made of plastic, typically for the transportation bulk non-hazardous cargoes using	65

		standard size shipping containers.	
FI	Firkin		44 or 45
FL	Flask		42 or 43
FO	Footlocker		23
FP	Filmpack		67
FR	Frame		26
FT	Foodtainer		21 to 23
FW	Cart, flatbed	Wheeled flat bedded device on which trays or other regular shaped items are packed for transportation purposes.	94
FX	Bag, flexible container		61 to 66
GB	Bottle, gas	A narrow-necked metal cylinder for retention of liquefied or compressed gas.	31 or 35
GI	Girder		16
GL	Container, gallon	A container with a capacity of one gallon.	32
GR	Receptacle, glass	Containment vessel made of glass for retaining substances or articles.	21 to 23 or 31 to 33 or 41 to 43
GU	Tray, containing horizontally stacked flat items	Tray containing flat items stacked on top of one another.	27
GY	Bag, gunny	A sack made of gunny or burlap, used for transporting coarse commodities, such as grains, potatoes, and other agricultural products.	63 to 64
GZ	Girders, in bundle/bunch/truss		16
HA	Basket, with handle, plastic		27
HB	Basket, with handle, wooden		27
HC	Basket, with handle, cardboard		27
HG	Hogshead		44 or 45
HN	Hanger	A purpose shaped device with a hook at the top for hanging items from a rail.	93
HR	Hamper		23
IA	Package, display, wooden		21 to 23
IB	Package, display, cardboard		21 to 23
IC	Package, display, plastic		21 to 23
ID	Package, display, metal		21 to 23
IE	Package, show		21 to 23
IF	Package, flow	A flexible tubular package or skin, possibly transparent, often used for containment of foodstuffs (e.g. salami sausage).	61 or 62
IG	Package, paper wrapped		21 to 23
IH	Drum, plastic		34
IK	Package, cardboard, with bottle grip-holes	Packaging material made out of cardboard that facilitates the separation of individual glass or plastic bottles.	21 to 23
IL	Tray, rigid, lidded stackable (CEN TS 14482:2002)	Lidded stackable rigid tray compliant with CEN TS 14482:2002.	27
IN	Ingot		17
IZ	Ingots, in bundle/bunch/truss		17
JB	Bag, jumbo	A flexible containment bag, widely used for storage, transportation and handling of powder, flake or granular materials. Typically constructed from woven polypropylene (PP) fabric in the form of cubic bags.	65
JC	Jerrican, rectangular		23
JG	Jug		41
JR	Jar		41
JT	Jutebag		61 or 65
JY	Jerrican, cylindrical		33
KG	Keg		44 or 45
KI	Kit	A set of articles or implements used for a specific	92

		purpose.	
LE	Luggage	A collection of bags, cases and/or containers which hold personal belongings for a journey.	21 to 23 or 61 to 63
LG	Log		12
LT	Lot		01 to 03
LU	Lug	A wooden box for the transportation and storage of fruit or vegetables.	23
LV	Liftvan	A wooden or metal container used for packing household goods and personal effects.	22 to 24
LZ	Logs, in bundle/bunch/truss		12
MA	Crate, metal	Containment box made of metal for retaining substances or articles.	23 to 25 or 27
MB	Bag, multiply		62 to 64
MC	Crate, milk		27
ME	Container, metal	A type of containment box made of metal for retaining substances or articles, not otherwise specified as transport equipment.	23 to 25 or 27
MR	Receptacle, metal	Containment vessel made of metal for retaining substances or articles.	21 to 23 or 31 to 33
MS	Sack, multi-wall		62 to 64
MT	Mat		67
MW	Receptacle, plastic wrapped	Containment vessel wrapped with plastic for retaining substances or articles.	21 to 23 or 31 to 33 or 41 to 43 or 61 to 63
MX	Matchbox		21
NA	Not available		0
NE	Unpacked or unpackaged		0
NF	Unpacked or unpackaged, single unit		0
NG	Unpacked or unpackaged, multiple units		0
NS	Nest		24
NT	Net		66
NU	Net, tube, plastic		66
NV	Net, tube, textile		66
OA	Pallet, CHEP 40 cm x 60 cm	Commonwealth Handling Equipment Pool (CHEP) standard pallet of dimensions 40 centimeters x 60 centimeters.	92
OB	Pallet, CHEP 80 cm x 120 cm	Commonwealth Handling Equipment Pool (CHEP) standard pallet of dimensions 80 centimeters x 120 centimeters.	92
OC	Pallet, CHEP 100 cm x 120 cm	Commonwealth Handling Equipment Pool (CHEP) standard pallet of dimensions 100 centimeters x 120 centimeters.	92
OD	Pallet, AS 4068-1993	Australian standard pallet of dimensions 115.5 centimeters x 116.5 centimeters.	92
OE	Pallet, ISO T11	ISO standard pallet of dimensions 110 centimeters x 110 centimeters, prevalent in Asia - Pacific region.	92
OF	Platform, unspecified weight or dimension	A pallet equivalent shipping platform of unknown dimensions or unknown weight.	92
OK	Block	A solid piece of a hard substance, such as granite, having one or more flat sides.	17
OT	Octabin	A standard cardboard container of large dimensions for storing for example vegetables, granules of plastics or other dry products.	25
OU	Container, outer	A type of containment box that serves as the outer shipping container, not otherwise specified as transport equipment.	23 to 25 or 27
P2	Pan	A shallow, wide, open container, usually of metal.	51
PA	Packet	Small package.	21 to 23

PB	Pallet, box Combined open-ended box and pallet		92
PC	Parcel		21 to 23 or 61 to 63
PD	Pallet, modular, collars 80cms * 100cms	Standard sized pallet of dimensions 80 centimeters by 100 centimeters (cms).	92
PE	Pallet, modular, collars 80cms * 120cms	Standard sized pallet of dimensions 80 centimeters by 120 centimeters (cms).	92
PF	Pen	A small open top enclosure for retaining animals.	26 or 27
PG	Plate		15
PH	Pitcher		41
PI	Pipe		11
PJ	Punnet		27
PK	Package	Standard packaging unit.	21 to 23
PL	Pail		51
PN	Plank		16
PO	Pouch		61
PP	Piece	A loose or unpacked article.	19
PR	Receptacle, plastic	Containment vessel made of plastic for retaining substances or articles.	21 to 23 or 31 to 33 or 41 to 43 or 61 to 63
PT	Pot		41
PU	Tray		27
PV	Pipes, in bundle/bunch/truss		11
PX	Pallet	Platform or open-ended box, usually made of wood, on which goods are retained for ease of mechanical handling during transport and storage.	92
PY	Plates, in bundle/bunch/truss		15
PZ	Planks, in bundle/bunch/truss		16
QA	Drum, steel, non-removable head		34
QB	Drum, steel, removable head		34
QC	Drum, aluminium, non-removable head		34
QD	Drum, aluminium, removable head		34
QF	Drum, plastic, non-removable head		34
QG	Drum, plastic, removable head		34
QH	Barrel, wooden, bung type		44 or 45
QJ	Barrel, wooden, removable head		44 or 45
QK	Jerrican, steel, non-removable head		23 or 33
QL	Jerrican, steel, removable head		23 or 33
QM	Jerrican, plastic, non-removable head		23 or 33
QN	Jerrican, plastic, removable head		23 or 33
QP	Box, wooden, natural wood, ordinary		21 to 25
QQ	Box, wooden, natural wood, with sift proof walls		21 to 25
QR	Box, plastic, expanded		21 to 25
QS	Box, plastic, solid		21 to 25
RD	Rod		12
RG	Ring		14
RJ	Rack, clothing hanger		93
RK	Rack		93
RL	Reel	Cylindrical rotatory device with a rim at each end on which materials are wound.	91
RO	Roll		13
RT	Rednet	Containment material made of red mesh netting for retaining articles (e.g. trees).	66
RZ	Rods, in bundle/bunch/truss		12
SA	Sack		65
SB	Slab		16 or 17

SC	Crate, shallow		27
SD	Spindle		91
SE	Sea-chest		22 or 23
SH	Sachet		61
SI	Skid	A low movable platform or pallet to facilitate the handling and transport of goods.	92
SK	Case, skeleton		26
SL	Slipsheet	Hard plastic sheeting primarily used as the base on which to stack goods to optimise the space within a container. May be used as an alternative to a palletized packaging.	67
SM	Sheetmetal		15
SO	Spool	A packaging container used in the transport of such items as wire, cable, tape and yarn.	91
SP	Sheet, plastic wrapping		15
SS	Case, steel		21 to 25
ST	Sheet		15
SU	Suitcase		21 to 23 or 61 to 63
SV	Envelope, steel		67
SW	Shrinkwrapped	Goods retained in a transparent plastic film that has been wrapped around and then shrunk tightly on to the goods.	67
SX	Set		11 to 45
SY	Sleeve		69
SZ	Sheets, in bundle/bunch/truss		15
T1	Tablet	A loose or unpacked article in the form of a bar, block or piece.	16
TB	Tub		51
TC	Tea-chest		21 to 23
TD	Tube, collapsible		61 to 65
TE	Tyre	A ring made of rubber and/or metal surrounding a wheel.	93
TG	Tank container, generic	A specially constructed container for transporting liquids and gases in bulk.	93
TI	Tierce		44
TK	Tank, rectangular		24 or 25
TL	Tub, with lid		51
TN	Tin		21 or 22
TO	Tun		44 or 45
TR	Trunk		24 or 25
TS	Truss		16
TT	Bag, tote	A capacious bag or basket.	62 or 63
TU	Tube		11
TV	Tube, with nozzle	A tube made of plastic, metal or cardboard fitted with a nozzle, containing a liquid or semi-liquid product, e.g. silicon.	31 or 32
TW	Pallet, triwall	A lightweight pallet made from heavy duty corrugated board.	92
TY	Tank, cylindrical		34 or 35
TZ	Tubes, in bundle/bunch/truss		11
UC	Uncaged		0
UN	Unit	A type of package composed of a single item or object, not otherwise specified as a unit of transport equipment.	23 to 25 or 27
VA	Vat		35
VG	Bulk, gas (at 1031 mbar and 15°C)		6
VI	Vial		31
VK	Vanpack	A type of wooden crate.	99
VL	Bulk, liquid		4
VO	Bulk, solid, large particles ("nodules")		3

VP	Vacuum-packed		67
VQ	Bulk, liquefied gas (at abnormal temperature/pressure)		5
VN	Vehicle	A self-propelled means of conveyance.	93
VR	Bulk, solid, granular particles ("grains")		2
VS	Bulk, scrap metal	Loose or unpacked scrap metal transported in bulk form.	9
VY	Bulk, solid, fine particles ("powders")		1
WA	Intermediate bulk container	A reusable container made of metal, plastic, textile, wood or composite materials used to facilitate transportation of bulk solids and liquids in manageable volumes.	23 to 26 or 62 to 64
WB	Wickerbottle		42 or 43
WC	Intermediate bulk container, steel		23 to 26
WD	Intermediate bulk container, aluminium		23 to 26
WF	Intermediate bulk container, metal		23 to 26
WG	Intermediate bulk container, steel, pressurised > 10 kpa		23 to 26
WH	Intermediate bulk container, aluminium, pressurised > 10 kpa		23 to 26
WJ	Intermediate bulk container, metal, pressure 10 kpa		23 to 26
WK	Intermediate bulk container, steel, liquid		23 to 26
WL	Intermediate bulk container, aluminium, liquid		23 to 26
WM	Intermediate bulk container, metal, liquid		23 to 26
WN	Intermediate bulk container, woven plastic, without coat/liner		62 to 64
WP	Intermediate bulk container, woven plastic, coated		62 to 64
WQ	Intermediate bulk container, woven plastic, with liner		62 to 64
WR	Intermediate bulk container, woven plastic, coated and liner		62 to 64
WS	Intermediate bulk container, plastic film		62 to 64
WT	Intermediate bulk container, textile with out coat/liner		62 to 64
WU	Intermediate bulk container, natural wood, with inner liner		23 to 26
WV	Intermediate bulk container, textile, coated		62 to 64
WW	Intermediate bulk container, textile, with liner		62 to 64
WX	Intermediate bulk container, textile, coated and liner		62 to 64
WY	Intermediate bulk container, plywood, with inner liner		23 to 26
WZ	Intermediate bulk container, reconstituted wood, with inner liner		23 to 26
XA	Bag, woven plastic, without inner coat/liner		62 to 64
XB	Bag, woven plastic, sift proof		62 to 64
XC	Bag, woven plastic, water resistant		62 to 64
XD	Bag, plastics film		62 to 64
XF	Bag, textile, without inner coat/liner		62 to 64
XG	Bag, textile, sift proof		62 to 64
XH	Bag, textile, water resistant		62 to 64
XJ	Bag, paper, multi-wall		62 to 64
XK	Bag, paper, multi-wall, water resistant		62 to 64
YA	Composite packaging, plastic receptacle in steel drum		33 or 34
YB	Composite packaging, plastic receptacle in		24 or 25

	steel crate box	
YC	Composite packaging, plastic receptacle in aluminium drum	33 or 34
YD	Composite packaging, plastic receptacle in aluminium crate	24 or 25
YF	Composite packaging, plastic receptacle in wooden box	24 or 25
YG	Composite packaging, plastic receptacle in plywood drum	33 or 34
YH	Composite packaging, plastic receptacle in plywood box	24 or 25
YJ	Composite packaging, plastic receptacle in fibre drum	33 or 34
YK	Composite packaging, plastic receptacle in fibreboard box	24 or 25
YL	Composite packaging, plastic receptacle in plastic drum	33 or 34
YM	Composite packaging, plastic receptacle in solid plastic box	24 or 25
YN	Composite packaging, glass receptacle in steel drum	33 or 34
YP	Composite packaging, glass receptacle in steel crate box	24 or 25
YQ	Composite packaging, glass receptacle in aluminium drum	33 or 34
YR	Composite packaging, glass receptacle in aluminium crate	24 or 25
YS	Composite packaging, glass receptacle in wooden box	24 or 25
YT	Composite packaging, glass receptacle in plywood drum	33 or 34
YV	Composite packaging, glass receptacle in wickerwork hamper	23
YW	Composite packaging, glass receptacle in fibre drum	33 or 34
YX	Composite packaging, glass receptacle in fibreboard box	24 or 25
YY	Composite packaging, glass receptacle in expandable plastic pack	62 or 63
YZ	Composite packaging, glass receptacle in solid plastic pack	23 or 24
ZA	Intermediate bulk container, paper, multi-wall	62 to 64
ZB	Bag, large	62 to 64
ZC	Intermediate bulk container, paper, multi-wall, water resistant	62 to 64
ZD	Intermediate bulk container, rigid plastic, with structural equipment, solids	23 to 26
ZF	Intermediate bulk container, rigid plastic, freestanding, solids	23 to 26
ZG	Intermediate bulk container, rigid plastic, with structural equipment, pressurised	23 to 26
ZH	Intermediate bulk container, rigid plastic, freestanding, pressurised	23 to 26
ZJ	Intermediate bulk container, rigid plastic, with structural equipment, liquids	23 to 26
ZK	Intermediate bulk container, rigid plastic, freestanding, liquids	23 to 26
ZL	Intermediate bulk container, composite,	23 to 26

	rigid plastic, solids		
ZM	Intermediate bulk container, composite, flexible plastic, solids		62 to 64
ZN	Intermediate bulk container, composite, rigid plastic, pressurised		23 to 26
ZP	Intermediate bulk container, composite, flexible plastic, pressurised		62 to 64
ZQ	Intermediate bulk container, composite, rigid plastic, liquids		23 to 26
ZR	Intermediate bulk container, composite, flexible plastic, liquids		62 to 64
ZS	Intermediate bulk container, composite		23 to 26 or 62 to 64
ZT	Intermediate bulk container, fibreboard		23 to 26
ZU	Intermediate bulk container, flexible		23 to 26
ZV	Intermediate bulk container, metal, other than steel		23 to 26
ZW	Intermediate bulk container, natural wood		23 to 26
ZX	Intermediate bulk container, plywood		23 to 26
ZY	Intermediate bulk container, reconstituted wood		23 to 26
ZZ	Mutually defined		0

C.3. Transport Instruction Status Reason Code

Based on code list on UN/ECE Recommendation 24. This code list contains a large number of codes. It should be considered whether a subset should be defined, but so far this is not done by META.

Code Value	Code Name	Code Definition
1	Arrival, completed	The goods/consignment/equipment/means of transport has arrived.
2	Loading, authorized	Authorisation to load has been given.
3	Arrival, in defective condition	The goods/consignment/equipment or a means of transport has arrived in a defective condition.
4	Defective equipment returned to service	The equipment previously the subject of a defective condition status has been returned to service
5	Process, begun	The process has begun.
6	Booking, completed	The goods/consignment/equipment or means of transport has been booked.
7	Booking, cancelled	The booking of goods/consignment/equipment or means of transport has been cancelled.
8	Cleared, import restrictions	The goods/consignment/equipment/means of transport held for import restriction purposes, has been released for import.
9	Cleared, export restrictions	The goods/consignment/equipment/means of transport held for export restriction purposes, has been released for export.
10	Cleared, by agriculture, food or fisheries authorities	The goods/consignment/equipment/means of transport has been cleared by agriculture, food or fisheries authorities.
11	Cleared, by port authority	The goods/consignment/equipment/means of transport has been cleared by port authority
12	Cleared, by customs	The goods/consignment/equipment/means of transport has been cleared by customs.
13	Collection/pick-up, completed	The goods/consignment/equipment has been collected/picked-up.
14	Process, completed	The process has been completed.
15	Consolidated	The goods/consignments have been consolidated.
16	Crossed border	The goods/consignments/equipment/means of transport has crossed a border.
17	Customs clearance, refused	The goods/consignment/equipment/means of transport has been refused to be cleared by the customs authorities.
18	Damaged in the course of transportation	The goods/consignment/equipment has been damaged in the course of transportation.
19	Equipment, damage quoted for	Damaged equipment has been assessed and a repair quotation has been sent.
20	Delayed, in the course of transportation	The goods/consignment/equipment/means of transport has been delayed in the course of transportation.
21	Delivery, completed	The goods/consignment/equipment has been delivered.
22	Delivery, completed as per instruction	Delivery of the goods/consignment/equipment has been completed as per instruction
23	Delivery, not completed	Delivery of the goods/consignment/equipment has not been completed.
24	Departure, completed	The means of transport has departed.
25	Departure, delayed	The means of transport has been delayed in departure.
26	Deramped	The equipment has been removed from a position above another type of equipment and/or on a means of transport.
27	Despatch, completed	The goods/consignment/equipment has been despatched.
28	Stripped	The goods/consignment/equipment has been unloaded from a piece of equipment in which they were transported.
29	Unloaded	The goods/consignment/equipment has been unloaded from a means of transport
30	Empty on inspection	The package/equipment has been found to be empty on inspection.
31	En route	The goods/consignment/equipment/means of transport is moving to destination.
32	Equipment, returned from repair	The equipment has been returned from repair.
33	Equipment, sent for repair	The equipment has been sent for repair.
34	Equipment, repaired	The equipment has been repaired.

35	Forwarded to destination	The goods/consignment/equipment has been forwarded to a destination.
36	Not found	The goods/consignment/equipment/means of transport has not been found.
37	Found	The goods/consignment/equipment/means of transport has been found.
38	Freight paid	The freight charges have been paid.
39	Released from bond	The goods/consignment/equipment has been released from bond.
40	Arrival, at port	The goods/consignment/equipment has arrived at the port.
41	Handed over under continued responsibility	The goods/consignment/equipment has been handed over under responsibility of the same transport operator.
44	Misrouted consignment corrected	The goods/consignment/equipment/means of transport has been re-routed to the correct destination.
45	Arrival, consignee informed	The consignee has been informed of the arrival of the goods/consignments/equipment/means of transport.
46	Moved, into bond	The goods/consignment/equipment has been moved into bond.
47	Moved, into packing depot	The goods/consignment/equipment has been moved into a packing depot.
48	Loading, completed onto a means of transport	The goods/consignment/equipment has been loaded onto a means of transport.
49	Lost	The goods/consignment/equipment/means of transport has been lost.
50	Manifested	The goods/consignment/equipment has been included on a manifest.
51	Onloaded from a means of transport	The consignment has been onloaded from a means of transport.
53	Collection/pick-up, not completed	The goods/consignment/equipment expected has not been collected/picked-up.
54	Unidentifiable	The goods/consignment/equipment/means of transport cannot be identified.
57	Not loaded onto a means of transport	The goods/consignment/equipment has not been loaded onto a means of transport.
58	Equipment, off hire	The equipment is no longer under lease.
59	Premature onloading	The goods/consignment/equipment has been onloaded prematurely from a means of transport
60	Equipment, on hire	The equipment has been leased.
61	Outstanding claims settled	Outstanding claims in respect of the goods/consignment/equipment have been settled.
62	Overlanded	Unmanifested goods/consignments/equipment has been unloaded.
63	Not available for collection/pick-up	The goods/consignment/equipment is not available for collection/pick-up.
64	Collection/pick-up, awaited	The goods/consignment/equipment is awaiting collection/pick-up.
65	Equipment, plugged-in	The equipment has been plugged into a power source
66	Plundered	The goods/consignment/equipment/means of transport has been plundered.
67	Positioned	The goods/consignment/equipment has been positioned.
68	Pre-informed	The party has been informed in advance.
69	Disposed of	The goods/consignment/equipment has been disposed of.
70	Ramped equipment	The equipment has been placed above another type of equipment and/or placed on a means of transport.
71	Ready for transportation	The goods/consignment/equipment is ready for transportation.
72	Receipt of goods fully acknowledged	The receipt of goods has been fully acknowledged.
73	Receipt of goods partially acknowledged	The receipt of goods has been partially acknowledged.
74	Received	The goods/consignment/equipment have been received.
75	Consignee changed	The consignee has been changed.
76	Transport re-arranged	The transport of the goods/consignment/equipment has been re-arranged.
77	Refused, action	The transport action has been refused.
78	Released	The goods/consignment/equipment has been released.
79	Reloaded onto a means of transport	The goods/consignment/equipment has been reloaded onto a means of transport.
80	Returned as instructed	The goods/consignment/equipment has been returned as instructed.
81	Returned wrecked	The goods/consignment/equipment/means of transport has been returned in a wrecked condition.
82	Returned	The goods/consignment/equipment has been returned.
83	Sealed equipment	The equipment has been sealed.
84	Service ordered	A service has been ordered.

85	Short landed	Goods/consignments/equipment manifested for unloading have not been unloaded
86	Short shipped	The goods/consignment/equipment expected to be sent has not been fully loaded onto a means of transport.
87	Despatched, completed via a wrong route	The goods/consignment/equipment has been despatched via a wrong route.
88	Split consignment	The consignment of goods has been split.
89	Steam cleaned	The goods/equipment has been steam cleaned.
90	Movement stopped	The movement of the goods/consignment/equipment has been stopped
91	Stored	The goods/consignment/equipment has been placed into storage.
92	Stowed	The goods/consignment/equipment has been placed on a means of transport.
93	Stuffed	The goods/consignments have been loaded into a piece of equipment.
94	Stuffed and sealed	The goods/consignments have been loaded into a piece of equipment and the equipment has been sealed.
95	Sub-lease notice in	A sub-lease notice has been sent to the lessor
96	Sub-lease notice out	A sub-lease notice has been sent by the lessee.
97	Damage surveyed	The goods/consignment/equipment has been surveyed to assess the damage.
98	Transferred in	The goods/consignment/equipment has been transferred in.
99	Transferred out	The goods/consignment/equipment has been transferred out.
100	Transshipment	The goods/consignment/equipment has been transferred to another means of transport.
101	Delayed in transit	The goods/consignment/equipment/means of transport has been delayed in transit
102	Unknown	The goods/consignment/equipment/means of transport is not known
103	Equipment, unplugged	The equipment has been removed from the power source.
104	Delivery refused, to be re-arranged	The delivery of the goods has been refused and is to be re-arranged.
105	Delivery, postponed	A part or the whole of the delivery is postponed.
106	Delivery refused	A part or the whole of the delivery is refused.
107	Anomaly on arrival	An anomaly has been found on arrival.
108	Delivery claim	A claim has been made at delivery.
109	Delivery, impossible, delivery notice left	Delivery has not been possible; a delivery notice has been left.
110	Delivery, impossible, no delivery notice left	Delivery has not been possible; no delivery notice has been left.
111	Transport terminated	The transport of the goods/consignment/equipment/means of transport has been terminated.
112	Held, at consignees disposal	The goods/consignment is held at consignees disposal.
113	Delivery, in progress	The delivery of the goods/consignment is in progress.
114	Delivery, accepted subject to further inspection	Delivery accepted subject to further inspection of the good/consignment/equipment/means of transport.
115	Discrepancy	There is a discrepancy in the details.
116	Export inhibited	Export is inhibited.
117	Missing	The goods/consignment/equipment is missing.
118	Stowed on deck	The goods/consignment/equipment has been stowed on/above deck.
119	Unable to be located	The goods/consignment/equipment cannot be located.
120	Unacceptable condition	The goods/consignment/equipment/means of transport is in an unacceptable condition.
121	Stowed under deck	The goods/consignment/equipment has been stowed under/below deck.
123	Accompanying documents delivered	All documents accompanying the cargo have been delivered.
124	For transfer	The goods/consignment/equipment is to be transferred.
125	No status	No status information is available.
126	Customs clearance, in progress	Customs clearance is in progress.
127	Departed, completed on a means of transport	The goods/consignment/equipment has departed on a means of transport.
128	Awaiting customs import release	Awaiting customs release for import.
129	In-bond movement	The goods/consignment/equipment are moving under bond.
130	Consignment received from shipper	The consignment has been received from shipper.
131	For transfer, to another carrier	The goods/consignment/equipment is to be transferred to another carrier.

132	Loading, in progress	The goods/consignment/equipment is being loaded onto a means of transport.
133	Special loading operations	Operations related to special loading of goods/consignment/equipment
134	Embarking passengers	The embarkation of passengers.
135	Unloading, in progress	The goods/consignment/equipment is being unloaded from a means of transport.
136	Special unloading	Operations related to special unloading of goods/consignment/equipment.
137	Disembarking passengers	The disembarkation of passengers.
138	Relocation of a means of transport	Relocating of a means of transport.
139	Manoeuvring operations, entering port	Manoeuvring operations connected with entering the port.
140	Manoeuvring operations, leaving port	Manoeuvring operations connected with leaving the port.
141	Manoeuvring operations, within the port	Manoeuvring operations connected with movement within the port.
142	Means of transport, under preparation	Preparation for handling of the means of transport.
143	Ballast loading	Loading of ballast.
144	Ballast unloading	Unloading of ballast.
145	Cargo space under preparation	Preparation of the cargo space of the means of transport.
146	Provisioning	Provision of supplies for a means of transport.
147	Provisioning, fuel	Provision of fuel for a means of transport.
148	Provisioning, water	Provision of water for a means of transport.
149	Provisioning, oil	Provision of oil for a means of transport.
150	Provisioning, food	Provision of food for a means of transport.
151	Sanitary operations	Operations related to sanitary conditions.
152	Fumigation operations	Operations related to fumigation of the equipment or the means of transport.
153	Desinfestation operations	Operations related to desinfestation of the equipment or the means of transport.
154	Deratization operations	Operations related to deratization of the means of transport.
155	Degasation operations	Operations related to the removal of unwanted gas.
156	Crew recruitment operation	Operation related to recruitment of crew.
157	Training operations	Operations related to training.
158	Salvage operations	Operations related to salvage work.
159	Loading, alongside	Loading the goods when the means of transport is alongside.
161	Loading, at anchor	Loading the goods when the means of transport is at anchor.
162	Unloading, at wharf	Unloading the goods when the means of transport is at the wharf.
163	Unloading on board	Unloading the goods from the vessel.
164	Unloading, at anchor	Unloading the goods when the means of transport is at anchor.
165	Loading and unloading, simultaneously	Loading and unloading operations simultaneously.
166	Idle time operations	Operations during idle time pending a scheduled event.
167	Technical operations	Operations of a technical nature.
168	Compass calibration	Operations related to calibration of a compass.
169	Document, clearance operation	Operation related to clearance of a document.
170	Customs formalities operation	Operation related to customs formalities.
171	Medical control operations	Medical control operations related to the crew.
172	Loading, preparation for	Preparation for the loading of the goods.
174	Unloading, preparation for	Preparation for the unloading of the goods.
175	Unloading, polluted ballast	Unloading of polluted ballast.
176	Obtaining documents from shipping register	Operations related to obtaining documents from the shipping register.
177	Obtaining wreckage documentation	Operations related to obtaining documents for a wrecked means of transport.
178	Waiting, to enter or leave	Waiting to enter or leave.
179	Waiting, for a pilot	Waiting for an available pilot.
180	Waiting, for a tug	Waiting for an available tug.
181	Waiting, for day light	Waiting for day light hours.
182	Waiting, due to meteorological circumstances	Waiting due to meteorological circumstances.
183	Waiting, to form a convoy	Waiting to form a convoy.
184	Waiting, for action by authorities	Waiting for action to be taken by authorities.
185	Waiting, due to a ban	Waiting due to a ban.

186	Waiting, for entry permission	Waiting for entry permission from the authorities.
187	Waiting, due to an action taken by authorities	Waiting due to an action taken by the authorities.
188	Waiting, due to the terms of charter	Waiting due to terms of the charter.
189	Waiting, for a location	Waiting for a location.
190	Waiting, for cargo	Waiting for cargo.
191	Waiting, for workers	Waiting for workers.
192	Waiting, for storage area	Waiting for a storage area.
193	Waiting, for equipment	Waiting for equipment
194	Waiting, for other means of transport	Waiting for other means of transport.
195	Waiting, for handling equipment	Waiting for handling equipment.
196	Waiting, for on board handling equipment	Waiting for onboard handling equipment.
197	Waiting, for cargo to be ready for loading	Waiting due to the cargo not being ready to be loaded/handled.
198	Waiting, for means of transport to be ready	Waiting due to the means of transport not being ready.
199	Waiting, due to damaged cargo	Waiting because cargo was damaged.
200	Waiting, for operational periods	Waiting due to being outside the period of operation.
201	Waiting, for repair and/or maintenance of the means of transport	Waiting due to repairs and/or maintenance to the means of transport.
202	Waiting, for repair and/or maintenance of handling equipment	Waiting due to repairs and/or maintenance of handling equipment.
203	Embarking passengers from tender	The embarkation of passengers from a tender
204	Waiting, for a counter convoy to pass	Waiting due to passage of counter convoy.
205	Delivery address outside delivery area	The address for delivery is outside the area of the carrier/transport operator.
206	Arrival, after means of transport departed	The goods/consignment/equipment has arrived after the means of transport has departed.
207	Delivery refused, agent	The agent refused to accept delivery.
208	Seals, replaced	The seals on the equipment have been replaced.
209	Delivery, scheduled	The delivery has been scheduled.
210	Delivery, unsuccessful attempt	An unsuccessful attempt has been made to deliver the goods/consignment/equipment.
211	Delivery not completed, business closed	The goods/consignment/equipment could not be delivered as the business was closed.
212	Delivery, changed schedule	The goods/consignment/equipment cannot be delivered at the arranged time because of a change of schedule.
213	Delivery, further address needed	A further address is needed to effect delivery of the goods/consignment/equipment.
214	Computer system not in operation	The computer system is not in operation.
215	Delivery, awaiting credit approval	Delivery on a credit base is requested.
216	Delivery, awaiting customer arrangements	The goods/consignment/equipment require delivery arrangements by the customer.
218	Damaged	The goods/consignments/equipment have been damaged.
219	Delivery pending, awaiting specified dates/times/periods	Delivery of the goods/consignment/equipment is pending awaiting specified dates/times/periods.
220	Destination incorrect	The goods/consignment/equipment has been sent to an incorrect destination.
222	Derailment	The train has derailed.
224	Delivery, industrial dispute	The goods/consignment/equipment cannot be delivered due to an industrial dispute.
225	Operation affected by customer action	An operation has been affected by an action of the customer.
227	Delivery, equipment failure	The goods/consignment/equipment cannot be delivered due to a failure in the equipment.
228	Inspection required by authority	An inspection of the goods/equipment is required by an authority.
229	Export suspended	The goods/consignment/equipment has been suspended from export pending further investigation.
231	Missing, goods item	The goods item is missing.
232	Import suspended	The goods/consignment/equipment has been suspended from import pending further investigation.

233	Incorrect picklist	The goods/consignment/equipment was not collected/picked-up due to an incorrect picklist.
234	Incorrect address	The address is incorrect.
235	Industrial dispute	An industrial dispute has happened.
236	Waiting, for instructions	Further instructions are awaited.
238	Means of transport, damaged	The means of transport has been damaged.
239	Mechanical breakdown	There has been a mechanical breakdown of the means of transport/equipment.
240	Mechanical inspection required	A mechanical inspection of the means of transport/equipment is required.
241	Missing, document	The document for the goods/consignments/equipment is missing.
242	New delivery arrangements advised	New delivery arrangements have been advised.
243	No recipient contact information	No contact information available concerning the recipient.
247	Collection/pick-up, package not available	The package is not available for collection/pick-up.
248	Tracking number unknown	The tracking number of the goods/consignment/equipment is unknown.
250	Transport payment not received	The transport payment has not been received.
251	Refused, non-payment by payer	Payer refused to make the payment.
253	Refused, no reason given	The transport action/documentation has been refused without a reason given.
254	Delivery, scheduled past cut-off time	The goods/consignment/equipment to be delivered has been scheduled past the cutoff time.
255	Shunted to siding	The means of transport has been shunted to a siding.
256	Signature not required	A signature is not required.
258	Special service required	A special service is required.
260	Tracking information unavailable	The tracking information is unavailable.
265	Reason unknown	The reason is unknown.
266	Delivery delayed, adverse weather conditions	Adverse weather conditions have delayed delivery.
267	Free storage time expired	The goods/consignment/equipment has been in a storage facility for longer than the permitted free time.
269	Delivery, consignee absent	The goods/consignment/equipment cannot be delivered, as the consignee was absent.
270	Delayed operation, local circumstances	The operation is delayed due to local circumstances.
271	Delayed operation, consignees instructions	The operation is delayed awaiting consignees instructions.
272	Delayed operation, consignors instructions	The operation is delayed awaiting consignors instructions.
273	Delayed operation	The operation is delayed.
274	Incomplete address	The address is incomplete.
275	Delivery refused, purchase order cancelled	The delivery was refused as the purchase order has been cancelled.
276	Delivery refused, return to the consignor	The delivery was refused and the goods/consignment/ equipment will be returned to the consignor.
277	Delivery refused, inconsistent with purchase order	The delivery was refused as an inconsistency with the purchase order was found.
278	Delivery refused, incorrect delivery date	The delivery was refused, as the delivery date was incorrect.
279	Delivery refused, automatic return	The delivery was refused and the goods/consignment/ equipment is automatically returned as instructed.
280	Delivery refused, duplicate delivery	The delivery was refused because of duplicate delivery.
281	Delivery refused, instructions requested	The delivery was refused and instructions are requested
282	Delivery refused, consignees condition	The delivery was refused due to the consignees condition.
283	Delivery refused, delivery incomplete	The delivery was refused due to incomplete delivery.
284	Delivery refused, not ordered	The delivery was refused, as the goods/consignment/equipment had not been ordered.
285	Delivery refused, remainder not accepted	The delivery of the remaining goods was not accepted.
286	Delivery refused, spoilt state	The delivery was refused as the goods/consignment/equipment was in a spoilt state.
287	Missing, contents	The contents are missing.
288	Not on package list	The goods/consignment is not on the package list.
291	Delivery refused, collect freight charges	The delivery was refused, as the collect freight charges were not paid.

	not paid	
292	Delivery refused, reimbursement not paid	The delivery was refused, as the reimbursement was not paid.
295	Delivery refused, opened	The delivery was refused as the goods/consignment was found to be opened.
297	Delivery refused, commercial dispute	The delivery was refused because of a commercial dispute.
298	Delivery refused, error on product or packaging	The delivery was refused as an error was found on product or packaging.
299	Delivery refused, delivery date/time changed	The delivery was refused as the delivery date or time has been changed.
300	Document, received without goods	A document for a consignment has been received without the corresponding goods.
301	Goods, received without documentation	Goods/consignment has been received without the corresponding documentation.
302	Overcarried consignment	The consignment has been overcarried.
306	Document, found	The document has been found.
307	Damaged but deliverable	The goods/consignment/equipment has been damaged but delivery can be completed.
308	Spoilt	The goods/consignment/equipment is spoilt.
309	Packaging/equipment opened	The packaging/equipment has been opened.
310	Processed as contractually agreed	The goods/consignment/equipment has been processed as contractually agreed.
311	Claim folder opened	A claim folder has been opened.
312	Moved, completed	The goods/consignment/equipment has been moved.
313	Returned by recipient	The goods/consignment/equipment has been returned by the recipient.
314	Delayed, at origin	The goods/consignment/equipment/means of transport has been delayed at the origin.
315	Held, by logistic service provider	The goods/consignment/equipment has been held by the logistic service provider.
316	Incident occurred but accepted by ordering party	An incident has occurred but has been accepted by the ordering party.
317	Delivery party premises closed during normal hours	The premises of the delivery party were closed during normal hours.
318	Delivery incomplete, time shortage	of the goods/consignment/equipment could not be completed due to a shortage of time to handle the delivery.
319	Despatch, preparation error	An error occurred during the preparation of the despatch.
320	Undefined incident attributed to logistic server provider	An undefined incident has occurred which has been attributed to the logistic service provider.
321	Instruction to despatch, received	The instruction to despatch has been received.
322	Despatch, under preparation	The despatch of the goods/consignment/equipment is in preparation.
323	Return in progress	The goods/consignment/equipment is being returned.
324	Instruction to despatch, cancelled	The instruction to despatch has been cancelled.
325	Delivery refused, by recipient	The delivery of the goods/consignment/equipment has been refused by the recipient.
326	Goods, held by third party on instruction from owner	Goods are held under control of a third party following an instruction from the owner of the goods.
327	Weight or volume loss	The goods have suffered a weight or volume loss.
328	Moved, internally	The goods/consignment/equipment has been moved internally.
329	Consignment partially stolen	The consignment has been partially stolen.
330	Consignment partially lost or missing	The consignment is partially lost or missing.
331	Destroyed	The goods/consignment/equipment has been destroyed.
332	Action by logistics service provider	An action was taken by the logistics service provider.
333	Action by logistics service provider on instruction by owner	An action was taken by the logistics service provider as instructed by owner of the goods.
334	Document, refused	The document has been refused.
335	Seals, damaged	The seals on the equipment have been damaged.
336	Seals, broken	The seals on the equipment have been broken.
337	Seals, tampered	The seals on the equipment have been tampered.
338	Collection/pick-up, business closed	The goods/consignment/equipment could not be collected/picked-up as the business was closed.

339	Collection/pick-up, changed schedule	The goods/consignment/equipment cannot be collected/picked-up at the arranged time because of a change of schedule.
340	Collection/pick-up, further address needed	A further address is needed to effect collection/pick-up of the goods/consignment/equipment.
341	Collection/pick-up, industrial dispute	The goods/consignment/equipment cannot be collected/picked-up due to an industrial dispute.
342	Collection/pick-up, equipment failure	The goods/consignment/equipment cannot be collected/picked-up due to a failure in the equipment.
343	Document, incorrect	The document for the goods/consignments/equipment is incorrect.
344	Collection/pick-up, scheduled past cut-off time	The goods/consignment/equipment to be collected/picked-up has been scheduled past the cut-off time.
345	Collection/pick-up, adverse weather conditions	Adverse weather conditions have affected collection/pick-up.
346	Unloading, completed from a means of transport	The goods/consignment/equipment has been unloaded from a means of transport.
347	Deliverable	The goods/consignment/equipment can be delivered.
348	Not deliverable	The goods/consignment/equipment cannot be delivered.
349	Handed over	The goods/consignment/equipment has been handed over to another party.
350	Signature required	A signature is required.
351	Defined incident attributed to logistic server provider	A defined incident has occurred which has been attributed to the logistic service provider.
352	Delivery not completed, business closed, inventory count	The goods/consignment/equipment could not be delivered as the business was closed due to inventory count.
353	Delivery not completed, business closed on Saturday	The goods/consignment/equipment could not be delivered as the business was closed on Saturday.
354	Delivery not completed, business closed on national holiday	The goods/consignment/equipment could not be delivered as the business was closed on a national holiday.
355	En route, via local route	The goods/consignment/equipment/means of transport is moving to destination via a local route.
356	En route, via national route	The goods/consignment/equipment/means of transport is moving to destination via a national route.
357	En route, via international route	The goods/consignment/equipment/means of transport is moving to destination via an international route.
358	Transport terminated, mail not received	The transport of the goods/consignment/equipment/means of transport has been terminated and the mail has not been received.
359	Bill of Lading issued	The Bill of Lading for the goods/consignment/equipment has been issued.
360	Cleared, by logistics service provider	The goods/consignment/equipment/means of transport has been cleared by logistics service provider.
361	Delivery, expected	The goods/consignment/equipment expected to be delivered
362	Measured	The goods/consignment/equipment/means of transport has been measured.
363	Loading, ready	The goods/consignment/equipment is ready to be loaded onto a means of transport.

C.4. Transport Reference Type Code

Based on code list in BMS eCom Common Library. The use of some of the codes are illustrated by the examples in Chapter 5.

Code Value	Code Definition
AAB	Proforma invoice number
AAC	Documentary credit number
AAF	Debit card number
AAG	Offer or quotation number
AAJ	Delivery order number
AAK	Despatch advice number
AAL	Drawing number
AAM	Waybill number
AAN	Delivery schedule number
AAO	Consignees shipment reference number
AAQ	Unit load device (e.g. container) identification number
AAS	Transport document number
AAT	Master label number
AAU	Despatch note number
ABE	Declarants reference number
ABO	Originators reference
ABP	Declarants Customs identity number
ABQ	Importer reference number
ABT	Customs declaration number
ACD	Additional reference number
ACE	Related document number
ACK	Bank reference
ACL	Principal reference number
ACW	Reference number to previous message
ACX	Bankers acceptance
ADB	Matured certificate of deposit
ADC	Loan
ADD	Analysis number/test number
ADE	Account number
AE	Authorization for expense (AFE) number
AEK	Payment order number
AER	Project specification number
AES	Primary reference
AFO	Beneficiarys reference
AFS	Beneficiarys bank reference
AGA	Agreement to pay number
AGB	Contract party reference number
AGG	Dispute number
AGT	Service group identification number
AGW	Scheme/plan number
AHJ	Payees reference number
AHL	Creditors reference number
AHM	Debtors reference number
AHU	Request for quote number
AID	Certificate of conformity
AIJ	Customers individual transaction reference number
AIK	Banks individual transaction reference number
AIZ	Consolidated invoice number
AJS	Agreement number
AJT	Standard Industry Classification (SIC) number
AKJ	Direct debit reference
AKM	Replenishment purchase order range start number

AKO	Action authorization number
ALK	Consignees invoice number
ALL	Message batch number
ALM	Previous delivery schedule number
ALN	Physical inventory recount reference number
ALO	Receiving advice number
ALP	Returnable container reference number
ALQ	Returns notice number
ALR	Sales forecast number
ALS	Sales report number
ALT	Previous tax control number
ALV	Registered capital reference
AML	Replenishment purchase order range end number
AMT	Goods and Services Tax identification number
ANJ	Authorization number
ANL	Deposit reference number
ANX	Clearing reference
ANZ	Direct debit reference
AOA	Documentary payment reference
AP	Accounts receivable number
APF	Price/sales catalogue response reference number
APH	Invoicing data sheet reference number
API	Inventory report reference number
APQ	Commercial account summary reference number
AQQ	Activite Principale Exercee (APE) identifier
AQS	Nomenclature Activity Classification Economy (NACE) identifier
ARZ	Stock adjustment number
ASE	Duty free products security number
ASF	Duty free products receipt authorisation number
ASG	Party information message reference
ASI	Proof of delivery reference number
ASJ	Suppliers credit claim reference number
ASK	Picture of actual product
ASL	Picture of a generic product
ASO	Password
ASV	Product data file number
AUD	Collection reference
AUG	Importers letter of credit reference
AUJ	Proposed purchase order reference number
AUK	Application for financial support reference number
AUL	Manufacturing quality agreement number
AUQ	Customs binding ruling number
AUR	Customs non-binding ruling number
AUY	International Standard Industrial Classification (ISIC) code
AUZ	Customs pre-approval ruling number
AWB	Air waybill number
BC	Buyers contract number
BFN	Buyers fund number (GS1 Code – book)
BM	Bill of lading number
BN	Booking reference number
BO	Blanket order number
BT	Batch number/lot number
CAN	Company trading account number (GS1 Code)
CD	Credit note number
CH	Customer catalogue number
CK	Cheque number
CMR	Road consignment note number
CN	Carriers reference number

CNE	Consolidated reference number (GS1 Code)
CO	Buyers order number
COF	Call off order number
CR	Customer reference number
CT	Contract number
CU	Consignors reference number
CZ	Cooperation contract number
DDC	Direct debit contract reference (SWIFT Code)
DL	Debit note number
DM	Document number
DQ	Delivery note number
ECN	External consolidation reference number (GS1 Code)
ERC	External recap reference number (GS1 Code)
EX	Export licence number
FC	Fiscal number
FF	Freight forwarders reference number
FI	File line identifier
FV	File version number
FX	Foreign exchange contract number
GC	Government contract number
GN	Government reference number
GNM	General message number (GS1 Code)
GRN	Goods reserve number (GS1 Code)
HN	Handling and movement reference number (GS1 Code)
HS	Harmonised system number
HWB	House waybill number
IA	Internal vendor number
IDR	Instruction to despatch reference number (GS1 Code)
IP	Import licence number
IRN	Instruction for returns number (GS1 Code)
IT	Internal customer number
IV	Invoice number
LC	Letter of credit number
Li	Line item reference number
MB	Master bill of lading number
MF	Manufacturers part number
MG	Meter unit number
MH	Manufacturing order number
MR	Message recipient
MS	Message sender
MSC	Metered services consumption report (GS1 Code)
MSS	Manufacturers material safety data sheet number
MWB	Master air waybill number
ON	Order number (buyer)
OSE	Order status enquiry (GS1 Code)
PB	Payers financial institution account number
PD	Promotion deal number
PFB	Firm booking reference number (GS1 Code)
PIE	Product inquiry number (GS1 Code)
PK	Packing list number
PL	Price list number
POR	Purchase order response number
PP	Purchase order change number
PQ	Payment reference
PR	Price quote number
PW	Prior purchase order number
PY	Payees financial institution account number
RA	Remittance advice number

RCE	Recap number (GS1 Code)
RCN	Railway consignment note number
RF	Export reference number
SB	Sales region number
SD	Sales department number
SDR	Split delivery reference number (GS1 Code)
SE	Serial number
SN	Seal number
SNR	Service relation number (GS1 Code)
SRN	Shipment reference number
SS	Sellers reference number
SSC	Serial shipping container code (GS1 Code)
SZ	Specification number
TL	Tax exemption licence number
TP	Test report number
TRB	Tribunal place registration number (GS1 Code)
TRI	Transport instruction number (GS1 Code)
TS	Test specification number (GS1 Code)
TSE	Transport status number (GS1 Code)
UC	Ultimate customers reference number
UCN	Unique consignment reference number
VA	VAT registration number
VN	Order number (supplier)
XA	Company/place registration number
XA4	Account servicing bank reference (SWIFT Code)
XA5	Customer to customer reference number (SWIFT Code)
XA6	Third party reference number (SWIFT Code)
XA8	Credit card number (SWIFT Code)
XB1	Clearing number (SWIFT Code)
XB5	Tooling contract number (GS1 Code)
XB6	Formula number (GS1 Code)
XB7	Pre-agreement number (GS1 Code)
XB9	Customs purchase for re-export agreement number (GS1 Code)
XC1	Product certification number (GS1 Code)
XC3	Consignment contract number (GS1 Code)
XC5	Veterinary licence number allocated by a national authority to a slaughterhouse.
YA1	Product specification reference number (GS1 Code)
YA3	Numbering per year (GS1 Code)
YA6	Bank statement number (SWIFT Code)
YA9	Payroll deduction advice reference (GS1 Code)
YB4	Order shipment grouping reference (GS1 Code)
YB7	Product directory (GS1 Code)
YB8	Debit Letter (GS1 Code)
YB9	Inventory report request number (GS1 Code)
YC1	Additional party identification (GS1 Code)
YC3	Farm approval number (GS1 Code)
YC4	Cutting plant approval number (GS1 Code)
YC5	Slaughterhouse approval number (GS1 Code)
YC6	Packing Plant Approval number (GS1 Code)

C.5. Transport Service Category Type

Based on code list in BMS eCom Common Library. META has added a few new codes

Code Value	Code Definition	Comment
3	Transport	Added by META
5	Consolidation	Added by META
6	De-consolidation	Added by META
10	Maritime transport	
20	Rail transport	
30	Road transport	
40	Air transport	
50	Mail	
60	Multimodal transport	
70	Fixed transport installations	
80	Inland water transport	
100	Courier service (GS1 Code)	
110	Handling service	Added by META

C.6. Transport Service Level Code

Based on code list in BMS eCom Common Library. META has added a few new codes.

Code Value	Code Definition	Comment
AUTHORIZED_RETURN_SERVICE	Authorized Return Service (ARS) provides for the easy return of UPS-compatible packages. Pre-printed return labels are provided to the shipper by UPS. Simply include the label with an outbound shipment or distribute separately to customers.	
CONSIGNEE_BILLING_SERVICE	Any shipping charges are paid by the consignee	
DELIVERY_CONFIRMATION	Confirmation of delivery of the goods to the final destination is required.	
EXPEDITED_SERVICE	Service reducing the transit time by employing a faster mode of transportation such as air	
EXPEDITED_SERVICE_WORLDWIDE	Service reducing the transit time worldwide by employing a faster mode of transportation such as air	
EXPRESS_SERVICE	Express treatment	
EXPRESS_SERVICE_PLUS	Not Available	
GROUND	Transportation of the goods is done by road or rail, but not by air.	
GROUND_CX_EXPRESS_SERVICE	Not Available	
MULTIWEIGHT	Combination of multiple packages moving from the same origin to the same destination into one shipment—no palletizing, shrink-wrapping, staging or shipment segregation required	
MUTUALLY_DEFINED	Not Available	
NEXT_DAY_AIR	Delivery of the goods scheduled for the next day of shipping, by air transport	
NEXT_DAY_PM	Delivery of the goods scheduled for the next day of shipping, after 12PM	
NEXT_MORNING	Delivery of the goods scheduled for the next day after shipping, before 12PM	
PRIMARY_SERVICE_AREA_NEXT_DAY_BY_1030	Delivery of the goods scheduled to be in a place within the area fully served, by 10:30 am the next day of shipping.	
PRIMARY_SERVICE_AREA_NEXT_DAY_BY_1700	Delivery of the goods scheduled to be in a place within the area fully served, by 17:00 the next day.	
SAME_DAY	Delivery of the goods scheduled to arrive on the same day of shipping	
SATURDAY	Delivery of the goods scheduled to arrive on Saturday	
SATURDAY_PICKUP	The goods shipped can be picked up on a Saturday.	
SECOND_DAY_AIR	Delivery of the goods foreseen on the second day after shipping, by air transport	
SECOND_MORNING	Delivery of the goods foreseen in the morning of the second day after shipping.	
STANDARD_GROUND_HUNDRED_WEIGHT	UPS Hundredweight Service is a contractual service and available only to customers who receive an Automatic Daily Pickup.	
STANDARD_SERVICE	Not Available	
THREE_DAY_SERVICE	Delivery of the goods is scheduled three days after shipping.	
PARTIAL_SPLIT	Partial spilt when deconsolidation.	Added by META
TOTAL_SPILT	Fully spilt when deconsolidation.	Added by META

References

1. GS1, *Business Message Standard (BMS) Transport Instruction and Response, BMS Release: 3.0.0, SMG: eCom*. 2011.
2. OASIS UBL. *Universal Business Language Version 2.1*. 2013; Available from: <http://docs.oasis-open.org/ubl/prd3-UBL-2.1/UBL-2.1.html>.
3. GS1, *Business Message Standard (BMS) Transport Status Request and Notification, BMS Release: 3.0.0, SMG: eCom*. 2011.
4. Natvig, M. K., Vennesland, A. (2013). *META: Transport Status Request and Notification implementation guide*, SINTEF A24919, ISBN 978-82-14-05329-6.
5. Vennesland, A., Natvig, M. K. (2013). *META: Transport Service Description implementation guide*, SINTEF A24916, ISBN 978-82-14-05327-2
6. GS1. *XML Business Message Standards, version 3*. [cited 2013 5 April]; GS1 BMS eCOM XML]. Available from: http://www.gs1.org/gsm/kc/ecom/xml/xml_v_3.
7. GS1, *Business Message Standard (BMS) eCom Common Library, BMS Release: 3.0.0, BRG Name: eCom*. 2011.
8. GS1, *Business Message Standard (BMS) GDSN Common, BMS Release: 2.8.0, BRG Name: GDSN*. 2011.
9. GS1, *Business Message Standard (BMS) Shared Common Library, BMS Release:3.0..0, BRG Name: eCom and GDSN*. 2011.
10. ISO. *ISO 3166-1-alpha-2 code*. [cited 2013 8 April]; Available from: http://www.iso.org/iso/home/standards/country_codes/country_names_and_code_elements.htm.
11. GS1, *GS1 XML Transport Instruction and Response implementation guide*. 2012.



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