Freight Consignment Data Aggregation Pilot

Models, Scenarios, Messages & Data Sets



Version 0.2

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Purpose

This document outlines the background, approach, standards adoption strategy, process flow scenarios, freight transport messages and data sets, interoperability and data exchange models, and data aggregation, applied to deliver the outputs of the Freight Consignment Data Aggregation pilot project.

Overview and Background

End to end supply chain visibility has grown to be a key focus area for many supply chain participants, however the reality of today's supply chains is that this is largely nonexistent. The constraints of manual, paper based processes and bespoke, proprietary systems that are difficult to integrate makes it virtually impossible.

The goal of freight data exchange is to encourage all supply chain trading partners to engage in the act of exchanging freight data between themselves and by doing so achieve a connected freight information exchange network and a National Freight Data Hub.

Logistics systems require large amounts of data, including information about locations, geography, service providers, rates, itineraries, as well as transactional data such as orders and shipment status and much of this data comes from traditional ERP and Transport Management Systems.

The pilot project looks at two main aspects of data: data discoverability, and standards compliance and interoperability.

- For data discoverability, there is an exploration of some of the public-facing aspects of datasets and attributes, and data aggregation.
- For standards compliance and interoperability, there is an exploration of the varying use of standards as they relate to the context of defined freight movements.

This exploration is necessarily contextualised within the larger data ecosystem of a national freight data infrastructure.

This document highlights Global Data Standardisation, EDI and EPCIS standard messages and related schemas, and Data Sets and attributes, applied across various multimodal freight movement scenarios.

Insights & Approach

Insights

Establishing standardised information flows across the freight supply chain, enabled through a collaborative standardisation effort between trading partners, will support current and future needs of freight logistics.

Additionally, the importance of establishing a goal for:

- data standards compliance and interoperability,
- a technique for searching multiple databases simultaneously, and
- a means for data aggregation to assist decision making,

is a well-recognised objective.

As this initiative potentially scales in the future, standards compliance and interoperability will also need to address aspects of:

- DATA CAPTURE Data/Records/Transactions capture
- DATA COLLECTION Data gathering and maintaining updated Data Repositories
- DATA SHARING Making data available by enabling Querying/API Pull/Send file or message

Aim

- Generating transport messages that would provide visibility and information related to multimodal freight consignment movements between supply chain partners.
- Collection of these transport message and provision of a data set to harness freight data aggregation and analytics within a BITRE database.
- Use of GS1 Transport Instruction and Transport Status EDI messaging and GS1 EPCIS Event Data messages

Approach

Generating a large volume of synthetic transport messages (EDI and EPCIS) to substitute for freight consignment movement transactions based on 5 scenarios depicting the Use Cases for:

- Pilot project 1: Supply Chain Freight Data Trial (Nestle, Toll Group, Woolworths) Intrastate by Road (scenarios 1 & 2)
- Pilot project 1: Supply Chain Freight Data Trial (Nestle, SCT Freighters, Woolworths) – Intrastate movement from NSW to WA by Road and Rail (scenario 4)
- Pilot project 2: Multimodal Supply Chain Trial (Infrabuild, K&S Freighters, Pacific National Rail) – Interstate movement from NSW to Far North Queensland by Road and Rail (scenario 3)
- Pilot project 2: Multimodal Supply Chain Trial (Infrabuild, K&S Freighters, SWIRE Shipping) Interstate movement from VIC to TAS by Road and Sea (scenario 5)

Design & Build of the prototype data aggregation database to test system components and develop prototype reports.

Uploading messages to the data aggregation database for reporting outputs.

Outcome

Enabling the use of real messages (when available) to be used in a "plug and play" fashion together with the developed data aggregation database and reporting capability.

Freight consignment data collected as a by-product of electronic data exchanged between supply chain partners, if collected in sufficient scale, can potentially provide an alternative means of collecting freight data, more regularly and more frequently, and better help inform freight-related network planning, infrastructure investment and freight policy.

Standards Adoption Strategy

GS1 System of standards

The GS1 System of global standards provides a framework that allows products, services, and information about them to move efficiently and securely through supply chains.

The GS1 system comprises a comprehensive set of standards to identify, capture and share information about objects throughout their lifecycle, providing the core foundation for interoperability:

- 1. Supply chain partners **identify** business objects and locations using standardised identifiers.
- 2. Supply chain partners **capture** an object's identity and any additional attributes that have been encoded in a standard manner in a data carrier (barcodes, RFID). This ensures the object can be read automatically, and location (where) and other data (who and why) is recorded.
- 3. Once supply chain partners are using a common language for identification and data capture, the gathered data is refined and enhanced with business context, to transform it into data that can be **shared** using standardised semantics, in a standardised format, and using standard exchange protocols.

Using GS1 Standards, diverse business processes interact and interoperate seamlessly across different trading partners' organisational boundaries, leading to operational efficiencies.

These standards offer a comprehensive, out of the box toolkit of enabling data structures, dictionaries, definitions, and vocabularies that work to streamline system to system integration, independent of any specific technology platform. In essence, "the Global Language of Business".

GS1 Identifiers

GS1 identifiers provide all trading partners with a standard way to uniquely identify each "physical component" or "object" in the supply chain, these include:

- Logistics units, which can be any combination of goods put together in a carton, in a case, or on a pallet the Serial Shipping Container Code or SSCC.
- Logical groupings of logistics units that are assembled to be transported such as

 a consignment the Global Identification Number for Consignment or GINC -- or
 as a shipment the Global Shipment Identification Number or GSIN.
 The difference is that the GSIN is used to identify a shipment that has to be moved
 from one place to another, irrespective of the physical handling, while the GINC is
 used by LSP's to identify groupings of logistics units as appropriate in the chosen
 way of transport. Hence, one GSIN can result in several consignments, while in one
 consignment, goods from several shipments can be shipped. The GSIN is in
 compliance with Customs requirements for the Uniform Consignment Reference or
 UCR.
- Individual assets used to transport the goods assets like a ship container and truck/trailer – the Global Individual Asset Identifier or GIAI - as well as returnable assets like a returnable pallet used for packaging – the Global Returnable Asset Identifier or GRAI.

- **Physical locations or trading partners** like retailers, manufacturers, transport carriers, freight forwarders and LSPs the Global Location Number or GLN.
- **Trade items** like products and services that may be priced, or ordered, or invoiced at any point in any supply chain the Global Trade Item Number or **GTIN**.

GS1 Capture and Share

The GS1 identifier for logistics units or SSCC (and all the information it holds) is captured on a case or pallet using a GS1 Logistics Label, which is the Standard International Logistics Label (STILL). This label is the GS1 recommendation on what data – in both human readable and barcoded formats – should be used when labelling logistics units in the transport and warehouse management processes.

Using the GS1 Logistics Label, the SSCC "stays on" the logistic unit through the whole supply chain, giving all trading partners a common reference back to the origin of the logistic unit and who is responsible for the goods. This is especially helpful as retailers receive goods, possibly from freight forwarding processes; and it enables these retailers to confirm receipt of the accurate shipment of goods. GTINs are encoded in barcodes that capture all information about those trade items.

Trading partners can share real-time information about the physical events in the supply chain using GS1 eCom messaging standards and Electronic Product Code Information Services (EPCIS), and use the Global Data Synchronisation Network (GDSN) as means for secure and continuous synchronisation of accurate product master data sharing.

As a basis for its strategy, the freight data exchange pilot project has embraced the following GS1 standards:

GS1 Global Data Standards (GDS)

GS1 Global Data Standards (GDS) relate to standardisation and automation of identification and messaging between participants through creating the ability to identify, capture and share data. Efficiency gains are typically realised by using unambiguous globally unique identification codes along with the electronic data capture and data exchange of data across the value chain thus effectively "connecting" a myriad of disparate systems. The uses of Global Data Standards (GDS) are relevant to most phases of the supply chain, starting from the exporters, third party logistics providers, customs and/or border agencies, importers, wholesalers and distributor, retailers/customers, and consumers.

GS1 eCom Messaging Standards

Electronic Data Interchange is the transfer of data from one computer system to another by standardised message formatting, without the need for human intervention. EDI permits multiple firms - possibly in different economies – to exchange documents electronically. GS1 eCom messaging standards define the business messages that are exchanged between trading partners. Whether planning or executing, trading partners can collaborate without having to reinvent processes and messaging for each new partner, order, or shipment. These electronic messages reduce manual entry efforts and paperwork and streamlines communications.

GS1 Logistics Interoperability Model Application Standard

Created by the GS1 Logistics Transport & Logistics community, this standard is based on the Logistics Interoperability Model (LIM). The foundation for the solution is a framework of common business scenarios and processes supported by the exchange of related information from master data alignment, procurement, planning, warehousing, transport, to financial settlement.

Its aim is to establish interoperability in these business processes so that they run seamlessly across trading partner organisational boundaries.

EPC Object & Event Data

Electronic Product Code Information Services (EPCIS) is a standard developed by GS1 to capture and report event-based traceability data. EPCIS helps to capture visibility event data along the supply chain. Visibility event data details physical or digital activity in the supply chain of products and other assets, identified by keys, detailing where the objects are in time, and why, not just within an organisation, but across organisations.

EPCIS enables disparate applications to create and share event based traceability data, both within and across enterprises, on the physical movement of goods or objects, the location of goods or other assets (transport equipment, returnable assets like pallets), making it possible to understand what actually happened as goods and assets are handled by trading partners in manufacturing sites, warehouses, retail stores and other facilities. EPCIS enables EPC Object and Event visibility data to be captured, shared, and queried.

GS1 Global Traceability Standard (GTS)

Global Traceability Standard (GTS) enables the creation of interoperable traceability systems. The objective of this standard is to assist organisations and industries in the design and implementation of traceability systems based on the GS1 system of standards. At a strategic level, this standard aims to provide key insights and knowledge to organisations or industries that are developing long-term traceability goals.

GS1 Digital Link & Resolver

GS1 Digital Link enables connections to all types of business-to-business and business-toconsumer information. With GS1 Digital Link, any set of GS1 Identifiers can exist as a Web address. GS1 Digital Link provides the opportunity to use GS1 Identifiers to access digital information and to easily resolve to resources on the Web. GS1 Digital Link has two capabilities:

- 1. The capability to easily resolve to resources (e.g. information) on the Web (this capability is usually associated with URLs and Web addresses).
- 2. The capability to provide a globally unambiguous name for anything, whether the thing exists only on the Web or in the real world (this capability is usually associated with URNs).

GS1 Registries

Global Location Numbers (GLNs) are now very widely used globally in many sectors for identification of locations and parties within the supply chain. In many countries GLNs are used by suppliers, retailers, government health authorities, hospital networks and farms among others for identification of individual locations and legal entities. Likewise, distributors, wholesalers, pharmacy chains and suppliers commonly use GLNs to identify warehouses, sites, office locations, store locations, warehouse bays, and so on.

Once GLNs are assigned, trading partners need to exchange information about the party or location to which the GLN has been allocated. Information that needs to be exchanged may include:

- The name of the location
- Location function
- Location address
- Contact details for location
- Parent and child locations related to this GLN

Today, this information is commonly exchanged via email, letter, spread sheet, or alternatively stored on trading partner Web sites. Each of these methods of GLN information exchange is point-to-point or peer-to-peer, meaning that additional time and effort is taken by the GLN allocator to ensure information exchange with all trading partners.

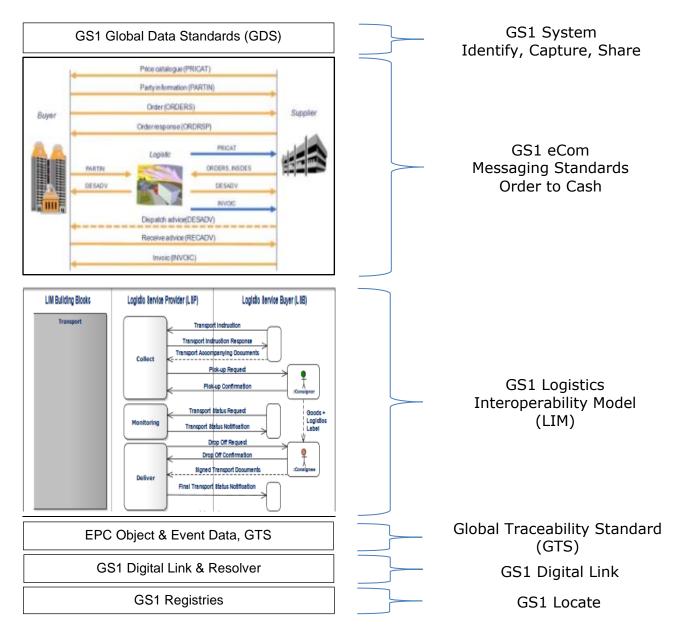
GS1 Locate is a GLN registry that provides a centralised location for storage of GLN information as well as a mechanism for suppliers and buyers to have a one-to-many communication of their GLN data and associated information with a single point of user access.

GS1 Global Data Synchronisation Network

The Global Data Synchronisation Network or GDSN provides an environment for secure and continuous synchronisation of accurate product master data exchanges between supply chain trading partners.

By using the GDSN, trading partners always have the same information in their systems, and any changes made to one company's database are automatically sent to all the other trading partners. The Australian GDSN solution is called the National Product Catalogue (NPC) and is endorsed and utilised by all of Australia's state, territory and federal health departments, private health providers, pharmacy wholesalers, retailers and is also used by trading partners and service providers across a variety of different industry sectors.

The following diagram depicts the GS1 system of standards suite embraced by the freight data exchange pilot project.



Data Integration Interoperability Model

The goal of freight data exchange is to encourage all trading partners to engage in the act of exchanging freight data between themselves and by doing so achieve a connected freight information exchange network and a National Freight Data Hub.

This Data Integration Interoperability Model will provide for consistent data models, documentation, improved security and near real-time integration, and the establishment of Data Level Agreements to streamline the process of granting trading partner application access to the required freight data.

Aim: To have an API (Application Programming Interfaces) based Data Integration Interoperability Model that provides for interoperability with external applications and systems to achieve a consistent approach to data sharing, that ensures:

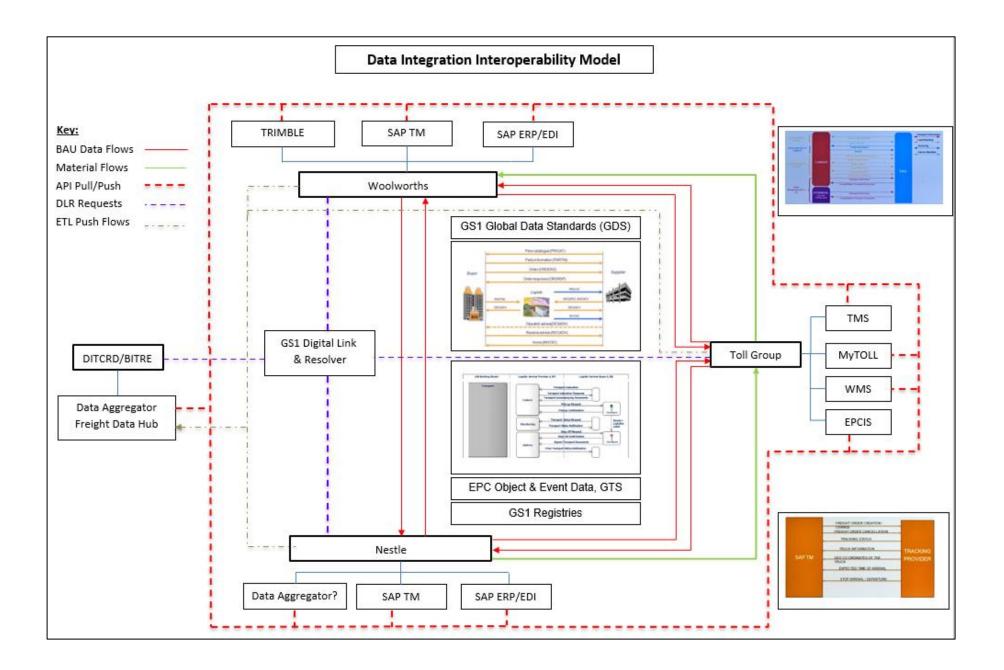
- Freight data can be exchanged between external applications and systems
- Simplified authorised access to multiple data sources
- Proper security authentication when receiving and/or sending data
- Minimal data movement
- Self-service access to data
- Secure techniques for data exchange
- Access to data via Applications, Systems and IoT devices
- Ensure Personal Identifiable Information (PII) and Protected Data is stripped from the source data
- Trading partners can leverage API integration to reap the benefits of using APIs alongside other methods of data exchange between separate systems

This model requires:

- A Data Level Agreement to streamline the process of granting trading partner application access to the required data
- Internal Applications and Systems support for generic API integration and Web service connections
- API access to data provided by RESTful architecture based on proven standards, protocols, and designs

Data Exchange typically follows the following pattern:

- Each trading partners captures freight data into their internal applications and systems
- Each trading partner allows secure access to their internal applications and systems data
- The data is retrieved over an interface to the receiving application
- The receiving application parses the data and imports it into their internal applications and systems or a data aggregator application for analytics and reporting



A few basic notations to help understand the Data Integration Interoperability Model diagram above, are listed below:

Data Exchange	Description	Definition				
BAU Data Flows	Business As Usual Data Flows	Data flows from, to and between Buyer, Logistics Partner and Seller. These include E-mail, eCommerce Messages.				
Material Flows	Physical freight flows	Physical movement of freight between Seller, Logistics Partner and Buyer.				
API Pull/Push	API Pulls and Pushes	 An API based data sharing approach to interoperability enables: Simplified access to multiple data sources Minimal data movement Self-service data access to data Secure techniques for data exchange Requires Application and System support for generic API integration and Web service connections, i.e. to provide web-based API. 				
DLR Requests	Digital Link & Resolver (DLR) Flows	 GS1 Digital Link enables connections to all types of business-to-business and business-to-consumer information. With GS1 Digital Link, any set of GS1 Identifiers can exist as a Web address. GS1 Digital Link provides the opportunity to use GS1 Identifiers to access digital information and to easily resolve to resources on the Web. GS1 Digital Link has two capabilities: The capability to easily resolve to resources (e.g. information) on the Web (this capability is usually associated with URLs and Web addresses). The capability to provide a globally unambiguous name for anything, whether the thing exists only on the Web or in the real world (this capability is usually associated with URNs). The role of the Resolver is to resolve the Identifier(s) and to forward the request to the correct destination where more information can be found. The resolver provides the relevant API call to get to an event/data repository. 				
ETL Flows	Extract Transfer Load Flows pushes data to the BITRE Data Aggregator (Freight Data Hub)	ETL Flows enable bulk direct transfer of data, where the required data is extracted periodically from internal applications into one or more files which are then transferred via FTP/ASN to BITRE for subsequent loading to the Freight Data Hub.				

EPCIS	EPC Object & Event Data, GTS	EPCIS enables disparate applications to create and share event based traceability data, both within and across enterprises on the physical movement of goods or objects. EPCIS enables visibility data to be captured and queried, and the Global Traceability Standard (GTS) enables the creation of interoperable traceability systems.
GS1 Global Data Standards (GDS)	GS1 Global Data Standards (GDS)	GS1 Global Data Standards (GDS) relate to standardisation and automation of identification and messaging between participants through creating the ability to identify, capture and share data.

About APIs

An API (Application Programming Interfaces) is a set of standards that enable communication between multiple sources such as business applications, mobile applications, devices, etc. APIs provide a standardised, public interface so any authorised application can receive and/or send data with the proper security authentication.

APIs for data integration and data sharing

APIs offer a cheaper, lighter, and easier format of interoperability powered by RESTful web services. Providers can create a robust APIs and gain the flexibility to facilitate external data-sharing requests by simply sharing an approved API standard. Access to data via APIs allows the aggregation of data for use by external applications.

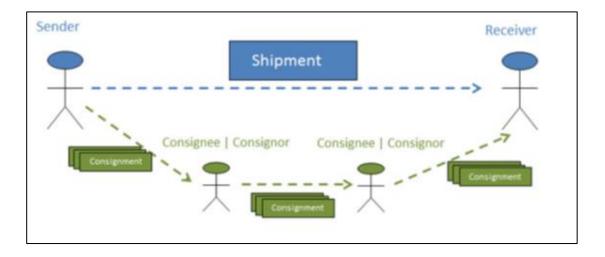
How APIs work

Application specific APIs allow other technologies to look inside their databases. These APIs control the amount of openness it provides other applications. Some only allow the ability to read data with the API. Others allow the ability to read, write, and delete to the database using a specified set of standards.

APIs allow interaction with the data within the secured database that adhere to the approved API standard specifications. Modern, web API technology gives electronic devices and applications simple, fast access into other applications' data. Web APIs are methods of secure communication between electronic devices over the internet that make it easier to communicate data between applications, regardless of the operating system or software in use.

Web services has readily defined security protocols (HTTPS) along with commonly used authentication techniques. Being able to leverage widely used security standards makes implementation much easier and will provide loosely coupled interoperability for a variety of data users. All these benefits are provided by the RESTful architecture based on proven standards, protocols, and design patterns.

Parties related to the Scenarios



The parties related to the process flow scenarios defined in this document include:

- Sender Supplier/Manufacturer (Origin/Source of product, material, or goods),
- Receiver Customer/Retailer (Buyer of product, material, or goods),
- Consignor Logistics/Transport Service Client (Provides the cargo), and
- Consignee Logistics/Transport Service Provider (Carrier Collects, Transports and Delivers the cargo).

Process Flows for Project 1

The process flow scenarios depicted below corresponds to the Use Cases considered for Project 1.

Scenario 1

- Freight movement by Road
- Intrastate movement within NSW
 - Direct delivery from Origin to Destination
 - Arndell Park to Bella Vista
 - Nestle Arndell Park DC (12/15 Contaplas St, Arndell Park NSW 2148)
 - To Woolworths Bella Vista DC (1 Woolworths Way, Bella Vista NSW 2153)

ROAD

Send >	Ship / Deliver					
Contract > Transport	Collect	>	Transport	>	Deliver	> Receive
Events: >L	.oaded> Departe	ed >	In-Transit	> A1	rrived > Unloaded > De	elivered > Received

Event Durations

Event	1 st Leg - ROAD	2 nd Leg	3 rd Leg
Loading	15min – 60min	-	-
Departing	10min – 30min	-	-
In-Transit	Arndell Park to Bella Vista (13.8 km) 25 min – 60min	-	-
Arrival	10min – 30min	-	-
Unloading	15min – 60min	-	-
Staging	-	-	-
Delivered	10min – 30min	-	-

Scenario 2

- Freight movement by Road
- Intrastate movement within NSW
 - \circ $\;$ Indirect delivery from Origin to Transport Provider DC and on to Destination
 - Arndell Park to Bella Vista via Transport Provider Eastern Creek DC
 - Nestle Arndell Park DC (12/15 Contaplas St, Arndell Park NSW 2148)
 - To Toll Eastern Creek DC (7 William Dean St, Eastern Creek NSW 2766)
 - To Woolworths Bella Vista DC (1 Woolworths Way, Bella Vista NSW 2153)

ROAD

Send	>		Ship / Deliver			> Receive
Contract Transport		>	Transport	>	Deliver	> Receive
Events:	> Loaded> Departed	>	In-Transit	>	Arrived > Unloaded > Delivered	> Received
1 st Leg 2 nd Leg	> Loaded > Departed	> In-Transit> Loaded	> Arrived> Unloaded> Departed> In-Transit		Arrived > Unloaded > Delivered	> Received

Event Durations

Event	1 st Leg - ROAD	2 nd Leg - ROAD	3 rd Leg
Loading	15min – 60min	15min – 60min	-
Departing	10min – 30min	10min – 30min	-
In-Transit	Arndell Park to Eastern Creek (2.7 km) 10 min – 20min	Eastern Creek to Bella Vista (18.9 km) 25 min – 60min	-
Arrival	10min – 30min	10min – 30min	-
Unloading	15min – 60min	15min – 60min	-
Staging	15min – 60min		-
Delivered		10min – 30min	-

Process Flows for Project 2

The process flow scenarios depicted below corresponds to the Use Cases considered for Project 2.

Scenario 3

- Freight movement by Road and Rail
 - Interstate movement from NSW to Far North Queensland
 - \circ $\;$ Indirect delivery from Origin to Transport Provider DC and on to Destination
 - Multi Modal delivery Road, Rail, Road
 - Mayfield to Mount Isa via Transport Provider Newcastle DC
 - InfraBuild Wire (Manufacturing) Mayfield (Ingall St, Mayfield North NSW 2304)
 - To K&S Freighters Newcastle DC (1 Leonard St, Mayfield NSW 2304)
 - To Pacific National Newcastle Intrastate Terminal (Corner Darling and Robertson Streets, Carrington NSW 2294)
 - To Aurizon Terminal Mount Isa (North Ridge Road, Mount Isa QLD 4825)
 - To InfraBuild Steel Centre Mount Isa (45 Commercial Rd, Ryan QLD 4825)

Send	>		Ship / Deliver			> Receive
Contract Transport		>	Transport	>	Deliver	> Receive
•	> Loaded > Departed	>	In-Transit	>	Arrived > Unloaded > Delivered	> Received
1 st Leg 2 nd Leg 3 rd Leg 4 th Leg	> Loaded>Departed	 > In-Transit > Loaded > Loaded > Loaded 	 > Arrived > Departed > In-Transit > Departed > In-Transit > Departed > In-Transit 	> >		> Received

ROAD, RAIL and ROAD

Event Durations

Event	1 st Leg - ROAD	2 nd Leg - ROAD	3 rd Leg - RAIL	4 th Leg - ROAD
Loading	15min – 60min	15min – 60min	15min – 60min	15min – 60min
Departing	10min – 30min	10min – 30min	10min – 30min	10min – 30min
In-Transit	Mayfield North to	Mayfield to Pacific	Pacific National	Aurizon Terminal Mount
	Mayfield	National Newcastle	Newcastle Intrastate	Isa to InfraBuild Steel
	(3 km)	Intrastate Terminal	Terminal to Aurizon	Centre Mt. Isa
	10 min – 30min	(7km)	Terminal Mount Isa	(4.5km)
		10 min – 15min	(Newcastle – Brisbane –	15min – 30min
			Townsville – Mt. Isa)	
			(850km + 1,332km +	
			977km) = 3,159km	
			(11hrs +18hrs + 21hrs)	
			= 50hrs – 2days	
Arrival	10min – 30min	10min – 30min	10min – 30min	10min – 30min
Unloading	15min – 60min	15min – 60min	15min – 60min	15min – 60min
Staging	15min – 60min	15min – 2days	15min – 1day	
Delivered				10min – 30min

Scenario 4

- Freight movement by Road and Rail
 - Interstate movement from NSW to WA
 - Multi Modal delivery Road, Rail, Road
 - From Origin to Destination
 - Nestle Arndell Park DC (12/15 Contaplas St, Arndell Park NSW 2148)
 - To SCT Parkes Rail Depot (249 Brolgan Road Parkes NSW 2870)
 - To SCT Forrestfield Depot (800 820 Abernethy Road Forrestfield WA 6058)
 - To Woolworths Perth DC (2 Horrie Miller Drive, Perth Airport, WA 6105)

ROAD and RAIL



Event Durations

Event	1 st Leg - ROAD	2 nd Leg – RAIL (Tue & Sat only)	3 rd Leg - ROAD
Loading	15min – 60min	15min – 60min	15min – 60min
Departing	10min – 30min	10min – 30min	10min – 30min
In-Transit	Arndell Park to Parkes Rail Depot	Parkes Rail Depot to Forrestfield	Forrestfield Rail Depot to Perth DC
	(328km – 507km)	Rail Depot	(8 – 10km)
	4hrs – 6hrs	(2,598km – 3,607 km)	11min – 30min
		38hrs – 40hrs	
Arrival	10min – 30min	10min – 30min	10min – 30min
Unloading	15min – 60min	15min – 60min	15min – 60min
Staging	15min – 3days	15min – 60min	
Delivered			10min – 30min

Scenario 5

- Freight movement by Road and Sea
 - Interstate movement from VIC to TAS
 - Multi Modal delivery Road, Sea
 - Indirect delivery from Origin, to Port of Loading, to Port of Discharge and on to Destination
 - Geelong to Derwent Park (pick-up and drop-off by K&S Freighters Road Transportation)
 - InfraBuild Construction Solutions Geelong (65-85 Obriens Rd, Corio VIC 3214)
 - To Swire Shipping Melbourne Australia Amalgamated Terminals (Appleton Dock Road, West Melbourne, Vic)
 - To Tasmanian Ports Corporation (48 Formby Rd, Devonport TAS 7310)
 - To InfraBuild Construction Solutions Hobart (9 Sunmont St, Derwent Park TAS 7009)

ROAD and **SEA**

Send	>		Ship / Deliver			> Receive
Contract Transport		>	Transport	>	Deliver	> Receive
Events:	> Loaded> Departed	>	In-Transit	>	Arrived > Unloaded > Delivered	> Received
1 st Leg 2 nd Leg 3 rd Leg	> Loaded>Departed	> In-Transit> Loaded> Loaded	> Arrived > Unloaded> Departed > In-Transit> Departed > In-Transit	>	Arrived > Unloaded > Arrived > Unloaded > Delivered	> Received

Event Durations

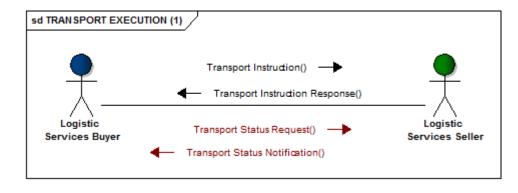
Event	1 st Leg - ROAD	2 nd Leg - SEA	3 rd Leg - ROAD
Loading	15min – 60min	15min – 60min	15min – 60min
Departing	10min – 30min	10min – 30min	10min – 30min
In-Transit	Geelong to West Melbourne Shipping Terminal (75 km) 60min – 90min	West Melbourne Shipping Terminal to Tasmanian Ports Devonport (TAS) (491 km) 11hrs – 15hrs	Tasmanian Ports Devonport to Derwent Park (250 - 280 km) 3hrs – 3.5hrs
Arrival	10min – 30min	10min – 30min	10min – 30min
Unloading	15min – 60min	15min – 60min	15min – 60min
Staging	15min – 60min	15min – 60min	
Delivered			10min – 30min

Transport Execution Messages

As transport execution processes vary greatly based on each trading partner's business model, getting logistics units from manufacturing sites to retailer's stores may demand using multiple transport modes – road, rail, air, and sea. And based on the geographical regions being served, transport infrastructures and options will vary.

Additionally, retailers and manufacturers may plan and execute directly with transport carriers or use logistics service providers (LSPs) to manage part (3PL) or all (4PL) of the transport processes.

Transport execution messages provide a standardised way for trading partners to communicate throughout the execution processes.



Transport Instruction (TI)

The main objective of the Transport Instruction is to communicate 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.

The Transport Instruction will be sent by the Logistic Services Buyer (supplier, retailer, 3rd party warehouse or freight forwarder) to a Logistic Services Seller (freight forwarder or carrier) upon order creation.

The Transport Instruction can include a request for either executing a consignment or executing a shipment. The trading partners need the ability to differentiate between less detailed transport instructions (shipments) and more detailed instructions (consignments).

Transport Instruction Response (TIR)

A Transport Instruction Response may be sent from Logistic Services Seller to Logistic Services Buyer in order to confirm the instruction and to provide further detail. Exchanging this message is optional.

In many cases there exist standing agreements that the Logistic Services Seller will accept all Transport Instructions from the Logistic Services Buyer 'as sent'.

Transport Status Request (TSR)

Message requesting information on the transport status and movements of a transport related object.

Transport Status Notification (TSN)

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

A status message may be sent:

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

The following transport messages enabled the standardised information flows across the pilot project scenarios:

EDI Transport Message Types

• Messages Issued:

Transport Instruction(TI) Shipment message Transport Instruction(TI) Consignment message Transport Instruction Response (TIR) Shipment messages Transport Status Request(TSR) message

• Messages Received:

Transport Status Notification(TSN) Shipment messages – Status and Movement Transport Status Notification(TSN) Shipment messages – Information on Delivery Transport Status Notification(TSN) Consignment messages – Status and Movement Transport Status Notification(TSN) Consignment messages – Information on Delivery

EPCIS Message Types

EPCIS Transaction Event Messages EPCIS Object Event Messages EPCIS Aggregation Event Messages

Process Flow Scenario Events, Steps & Status Updates

Events	Definitions	Steps	Status Updates
0.0 Build Load	 Shipment created Freight load is built Freight ready for pick-up 	Book Transport Pick-up - Send Transport Instruction request	Send Transport Instruction - Request Committed
		Receive Accept / Reject TI	Receive Accept/Reject TI - Confirmation received
		Picking	Picking status - Pending / In-Progress / Completed
		Packing	Packing status - Pending / In-Progress / Completed
1.0 Loading	 Transport outbound collection Freight is loaded to transport vehicle 	Despatch	Send Despatch status - Despatch Requested - Pending Pick-up - Shipped - Send dispatch confirmation
2.0 Departing	Transport vehicle departs pick-up location.	Departing	Send Departing status - Departed - On-hold
3.0 In-Transit	Transport vehicle is on-route to destination	In-Transit	Send In-Transit status - On-route - Stopped
4.0 Arrival	Transport vehicle arrives at destination	Arrival	Send Arrived status - Arrived
5.0 Unloading	Freight is unloaded from transport vehicle	Unloading	Send Unloading status - Unloaded - On-hold
6.0 Staging	 Freight is staged, ready for next step 	Staging	Send Staging status - Staged
7.0 Delivered	Delivery receivedTransport vehicle departs	Delivered	Send Delivery Received status - Confirmation received

Key:

Event	The name of the business event.
Status	Indicates the result of the action performed.

Visibility & Tracking Information

Carrier Visibility & Tracking Information

Steps/Events		& Time / Start	Date & Time Departure / End	Status	Location Id	Location (City. State)	Number of Items	Party
1. Shipment Created Event: Shipment documents and labels created		-	End Date & Time	Created	Code	City, State	Count	Consignee Name
2. Picked Up	Arrival D	ate & Time	Departure Date & Time	Departed	Code	City, State	Count	Consignor Name
3. In-Transit Event 1: Loaded at Depot Event 2: Dispatched at Depot Event 3: Arrived at Depot Event 4: Unloaded at Depot	Start Da	te & Time	End Date & Time	Loaded Dispatched Arrived Unloaded	Code	City, State	Count	Consignee Name
4. Out For Delivery Event 1: Dispatched at Depot for delivery Event 2: Out For Delivery to Receiver	Start Da	te & Time	End Date & Time	In-Transit	Code	City, State	Count	Consignee Name
5. Delivered Event: Delivered		-	End Date & Time	Delivered	Code	City, State	Count	Receiver Name
Shipment Details			Freight Details			Shinmen	t Documents	
Shipment Number		Description			(Receive) Transport Instruction			
Estimated Delivery Date		Number of					ct Transport Instruction	
Sender Details:		Number of Pallets				(Send) Transport Status		
Name		Miscellaneous			. ,	Carrier Manifest		
Full Address		Dimensions (L x W x H cm)			Shipme	Shipment Documents and Labels		
Receiver Details:		Quantity			Other I	Other Documents:		
Name		Total Volume (m3)				Consignment Note		
Full Address		Total Weight (kg)			Bill of Lading / Multimodal Bill of Lading			l
Business Unit		References			Packing List			
Service Type		Item Tracking Numbers			Materia	Material Safety Data Sheet (MSDS)		
Reference/Load Id								
Number of Items								
Total Volume (m3)								
Total Weight (kg)								
Account Number								
Transport Mode								
Appointment Date								
Purchase Order Number								
Instructions								

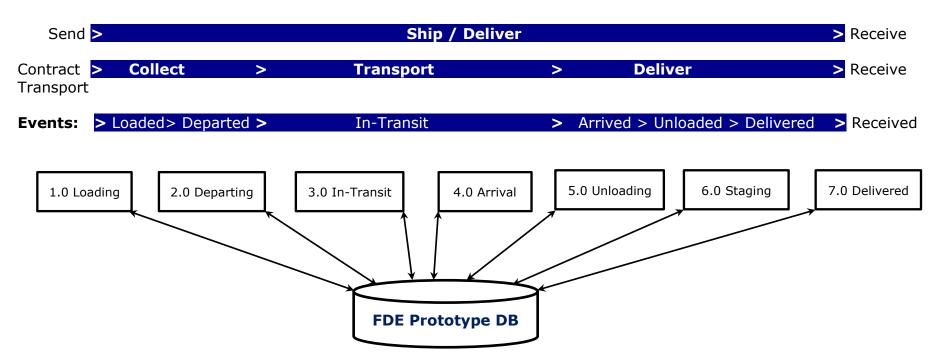
Sender Visibility & Tracking Information

Builds / Sends / Receives	Visibility & Tracking Information	Information Is Used To
1. Builds Load:	Mandatory:	Determine what and how much freight is moving
		between origin-destination pairs.
Load building	Unique identification (order number)	Determine which routes and corridors are used to
		transport freight between origin-destination
		pairs.
2. Sends to Carrier/Tracking Provider:	Carrier Load / Outbound Delivery (OBD) Number	Determine Order Fulfilment In-Progress.
Freight Order Creation/Change	Trailer Number	Determine Order Received Status Update.
Freight Order Cancellation	Vehicle Identification Number	Determine Order Picked Status Update.
		Determine Order Packed Status Update.
Transport Instruction	Driver Identification Number	Determine Order Dispatched Status Update.
		Obtain Truck Arrived for pick-up Status Update.
Payment	Driver Phone Number	Obtain Truck loaded Status Update.
	Event Type:	Determine how much of time was taken to load.
	(Stop [Load, Unload, Pickup delivery]/Arrival/Departure)	Obtain Truck Authorised to Leave Status Update.
3. Receives from Carrier/Tracking Provider:	Event Object / Type of Shipment:	Obtain Truck Departs Status Update.
	(Raw Materials, Finished Goods, Healthcare goods, etc.)	Obtain Order Out for Delivery Status Update.
Accept/Reject Transport Instruction	Date/Time/Time Zone	Obtain Order In-Transit Status Update.
		Send Shipment/Location/Geo Status Update.
		Determine if the delivery is early or late.
Receives Transport Status	Latitude	Determine the condition of the shipment.
Carrier manifest	Longitude	Determine where was the shipment last seen.
Vehicle Information	Current Location	Determine the actual dispatch vs the planned
		dispatch.
Driver & Vehicle Id Number	Revised ETA	Send Service Time Update.
GEO Coordinates of the vehicle	Departure time for starting point of shipment	Determine how much time was taken to complete the delivery.
Condition/Temperature of shipment	Destination Arrival Time for shipment	Determine the Travel Time Distribution (mean,
		median, variation) for freight moving between
		specific origin-destination pairs.
Expected time of arrival	Planned route	Determine what proportion of freight
F		consignments are delayed.
Stop / Arrival / Departure	Time sensitivity of goods	Determine the proportion of freight consignments
		that are unable to be delivered (failed deliveries).
Vehicle Tracking Status	Condition / Temperature of shipment	Determine if there are there identifiable
5		systematic (network-related) delays to freight
		consignments, and if so where.
4. Sends to Receiver:	Nice to have:	Estimate, in real time, the ETA for a freight
		consignment observed at some point in time.
Invoice	Transport plan	Determine when Proof of Delivery (POD)
		completed.
	Authority to Leave (Government approvals etc.)	Determine when Order received.
	Quantity of goods	Raise different types of alerts.
		Display the position of the vehicle on the map
		based on location updates.
		Revise ETA.

Data Aggregation

The Data Aggregation pilot project assesses the feasibility and utility of aggregating freight consignment event/message data to produce outputs that can help inform network operations, infrastructure planning and freight transport policy using a data exchange model, as depicted below.

Data Exchange Model



Note: Within this data exchange model, the messages exchanged are interactions between the data providers (which can be multiple participants) and the prototype database; and between the prototype database and the data users of the information (which can be multiple participants).

Key: The bi-directional arrows depicts data communication and exchanges including:

Capture	Data/ Records/Transactions
Collect	Update Repositories
Share	Enable Querying / Send file or message

Recommendations for Moving Beyond the Pilot

The Australian T&L sector is highly fragmented with not a single operator owning the supply chain from end to end. This places high dependencies on downstream freight forwarders and contractors, most of whom are small-medium enterprises and in many cases, are not technologically equipped to provide the integration required to efficiently close the visibility gaps that currently exist.

There has been a growing recognition among industry leaders that Global Data Standards (GDS) are a fundamental requirement if Australia is to realise the stated benefits of end to end supply chain visibility and integration. A national approach of how to achieve implementation is required with recommendations that Industry and Government need to work together to meet the impending challenges ahead.

Strong direction and leadership from Industry and Government alike will be required to mobilise and enable these critical players to adopt standards based technology to enable end to end supply chain visibility across the sector and realise the potential of end to end supply chain visibility and integration.

Any non-value added process, waste or unnecessary duplication of manual handling effort must be eliminated as much as possible from our transport processes and this will largely depend on the accuracy and timeliness of the information systems that drive the operational activities in the sector.

Recommendation resulting for the freight data exchange pilot project includes:

Expanding Collaboration

Trading partners are faced with different business scenarios and data interchanges, especially when they move into more advanced interactions with Logistics Service Providers. Thus, there is a need for common understanding of business processes, as well as common communication and identification solutions to overcome barriers of interoperability and scalability. These solutions will lead to more transparency of operations and visibility of the flow of goods, and ultimately remove redundant excessive cost from the supply chain. These outcomes can only be achieved through expanded collaboration between supply chain trading partners.

Establishing Products, Tools and Techniques

Establishing products, tools and techniques based on a National Data Integration Interoperability Model that provides for consistent data models, documentation, improved security and near real-time integration, and the establishment of Data Level Agreements to streamline the process of granting trading partner application access to the required freight data will enable product, services and information to move efficiently and securely through the supply chain.

Plans for the Future

Plans for the future should include considerations regarding:

- Business process interoperability where diverse business processes work together, and common ways exist to exchange information within the supply chain, where all trading partners can effectively collaborate, achieving interoperability.
- Visibility of goods as they move from manufacturing sites, traveling from port to port, onto trucks, into distribution centres, and eventually onto retailers' shelves. All trading partners can effectively track and trace their products, achieving traceability. Enabling all trading partners to uniquely identify individual products, trading partners, locations, logistics units, assets, shipments and services and efficiently capture and share data.
- Greater Efficiency balancing the need for speed and cost savings with the need for accuracy and collaboration.
- Improved Security protecting products as they travel from manufacturers to retailers and consumers worldwide.
- Gains in Sustainability considering the environmental, social and economic implications of supply chain decisions.

Appendices

Processes, Events, Parties and Roles

PROCESSES / EVENTS	Mandatory	Retailer	LSP	Supplier
Master Data Alignment	/Optional	/Role	/Role	/Role
Parties	М			
Retailer		Customer		
Manufacturer				
Material Supplier				Origin/Source
Logistic Services Provider (LSP)			Consignor	
- Warehouse, and or			Pick-up and	
- Transport Service Provider - Consignor			Delivery	
- Carrier, or				
- Freight Forwarder				
Logistic Services Client (LSC) - Consignee		Consignee		
Party Master Data				
- Unique Party Id - GLN	М	Retailer	LSP	Supplier
- Party Name and Address				
- Etc.				
Locations				
Inventory Location	М	Customer DC		Origin/Source DC
Ship From Location	М			Origin/Source DC
Ship To Location	М	Customer DC		
Pick-up Location	М			Origin/Source DC
Drop-off Location	М	Customer DC		
Location Master Data				-
- Unique Location Id	M	Retailer	LSP	Supplier
- Global Location Number - GLN				
- Location Name and Address, Postcode				
- Geocoordinates				
- Etc.				
Trade Item Master Data				
- Global Trade Item Number - GTIN				
Logistic Unit Master Data				
- Serial Shipping Container Code - SSCC				
Consignment Master Data				
- Global Shipment Identification Number GSIN	M	Consignee		

Procurement	Mandatory / Optional	Retailer	LSP	Supplier
Raise Purchase Order(s)	М	Customer		
- Unique Identification (Order Number)				
Send Purchase Order(s)	М	Customer		
Transport & Warehousing Planning	Mandatory / Optional	Retailer	LSP	Supplier
Logistic Service Conditions Data				
- Postcode	М	Consignee		
- Load Unit Type and or Loading Metres				
- Commodity type				
- Type of goods				
- Hazardous, Frozen, Chilled, Ambient				
- Service Level				
 Expedited, Standard, Deferred 				
- Mass or Volume				
Warehousing Requirements Data				
- No. of picking / pallet spots (warehouse				
capacity)				
- No. of order pickers / forklift drivers (people				
capacity)				
- No. of in and outbound trucks (dock door				
capacity)				
- Anticipated Dates / Period				
Transport Routing Data				
- Origin	М		Consignor	
- Destination				
- Route				
- Mode of transport (road, rail, sea, air)				
- Number of Drop-off and Pick-ups				
Transport Requirements Data		<u> </u>		
- Type and No. of Transport	М	Consignee	Consignor	
- Trade-lane (from / to location indicators)				
- Available transport Logistic Service Providers				
- Anticipated Dates / Period	Manulata	Datalla		0
Book Transport	Mandatory / Optional	Retailer	LSP	Supplier
Transport Booking Data				

Tender Offer	М	Consignee		
- Send tender offer to LSP (Consignor)				
Tender Response	М		Consignor	
- Receive response from LSP (Consignor)				
Book Transport	М	Consignee		
- Pick-up from Supplier				
Receive Accept/Reject	М	Consignee	Consignor	
Confirmation				
Transport Plan (Advance Planning – a day ahead)	М	Consignee	Consignor	
- Planned Route				
Mileage/Distance Data	М		Consignor	
- Distance between the pick-up and drop-of				
points for the planned route				
Fulfilment	Mandatory	Retailer	LSP	Supplier
	/ Optional			
Fulfilment Data				
Order Received	М			Supplier
- Purchase Order Number				
- Sales Order Number				
- Delivery Order Number				
- Shipment Number				
Order Fulfilment In-Progress				Supplier
- Order Picked				Supplier
- Order Packed				Supplier
- Order Despatched				Supplier
- Estimated Value of goods in shipment				
- Estimate Weight of good in shipment				
- Order completed and ready for collection				
Transport Management – Outbound	Mandatory	Retailer	LSP	Supplier
Collection	/ Optional			
Collection Data				
Transport Pick-up	М		Consignor	
- Vehicle Id				
- Pick-up Location				
- Pick-up Date, Time & Time zone				
- Type of goods				
- Hazardous, Frozen, Chilled, Ambient				
- Product Category				
rioduce cutegory	1			

- Type of Shipment (FG, HC goods, etc)				
- Quantity of Goods (Items)				
- Mass or Volume				
- Sensitivity of Goods				
Load Truck	0		Consignor	
- Time taken to load			J.	
Authority to leave	М			Supplier
- and Govt approvals required				
Truck departs				Supplier
Transport Pick-up Confirmation	М		Consignor	
Transport Management – In-Transit Status	Mandatory	Retailer	LSP	Supplier
Monitoring	/ Optional			
In-Transit Status Monitoring Data				
- Vehicle Id	М		Consignor	
- Location				
- Arrival Date, Time & Time zone				
- Geo Status				
- Vehicle Id			Consignor	
- Location				
- Departure Date, Time & Time zone (from				
starting point of shipment)				
- Condition/Temperature of shipment	М		Consignor	
- Location of the shipment	М		Consignor	
Delay Alert				
- Vehicle Id	М		Consignor	
- Location				
- Date, Time & Time zone				
Transport Management - Inbound Delivery	Mandatory / Optional	Retailer	LSP	Supplier
Delivery Data				
- Vehicle Id	М		Consignor	
- Location				
- Destination Arrival Date, Time & Time zone for				
shipment				
- Quantity of Goods				
- Mass or Volume				
- Sensitivity of Goods				
Service Time Data				

0		Consignor	
0		Consignor	
M		Consignor	
Mandatory / Optional	Retailer	LSP	Supplier
М	Consignee		
	Mandatory / Optional	M M Mandatory / Optional Retailer	M Consignor Mandatory Retailer LSP

Key:

Party	Supplier, Carrier or Customer
Location	Location where the process is performed
Process	Business process
Event	The name of the business event.
Status	Indicates the result of the action performed by the system. Statuses include Pending, In -progress, Completed, etc.
Date, Time & Time	Shows the date, time and time zone at which the business event occurred.
zone	

Freight Data Sets and Attributes

Master Data Alignment Data Set	
Party Master Data Attributes	 Unique Party Identification – GLN (Global Location Number) Party Name and Address Etc.
Location Master Data Attributes	 Unique Location Identification - GLN (Global Location Number) Location Name and Address, Postcode Geocoordinates Etc.
Trade Item Master Data Attributes	- Unique Trade Item Identification – GTIN (Global Trade Item Number)
Logistic Unit Master Data Attributes	- Unique Logistic Unit Identification – SSCC (Serial Shipping Container Code)
Consignment Master Data Attributes	 Unique Consignment Identification – GSIN (Global Shipment Identification Number) Unique Shipment Identification – GINC (Global Identification Number for Consignment)
Transport & Warehousing Planning	g Data Set
Logistic Service Conditions Data Attributes	 Origin and Destination Postcodes Load Unit Type and or Loading Metres Commodity type Type of goods - Hazardous, Frozen, Chilled, Ambient Service Level - Expedited, Standard, Deferred Mass or Volume
Transport Routing Data Attributes	 Origin Destination Route Modes of transport (road, rail, sea, air) Number of Drop-off and Pick-ups
Transport Requirements Data Attributes	 Type and No. of Transport Trade-lane (from / to location indicators) Available transport Logistic Service Providers Anticipated Dates / Period

Book Transport Data Set	
	- Booking Reference number
Transport Booking Data Attributes	 Booking Reference number Shipment Number Shipment Date Sender Details: Name Full Address Receiver Details: Name Full Address Total Gross Volume (Cubic Meters) Total Gross Weight (Declared Weight (kg)) Items Account number Pick-up Depot Delivery Depot Estimated Delivery Date Business Unit Service Type (Road Rail, Ship, Air)
	 Service Type (Road, Rail, Ship, Air) Reference/Load Id Number of Items Account Number Transport Mode Appointment Date Purchase Order Number
	- Instructions
Fulfilment Data Set	
Fulfilment Data Attributes	 Order Received Purchase Order Number Sales Order Number Delivery Order Number Shipment Number Order Fulfilment In-Progress Order Picked Order Packed Order Despatched Estimated Value of goods in shipment Estimate Weight of good in shipment Order completed and ready for collection

Transport Management – Outboun	d Collection Data Set
Collection (Arrival/Pick-	- Consignment Number
	- Reference number
up/Depart) Data Attributes	- Vehicle Id
	- Pick-up Location
	- Pick-up Date, Time & Time zone
	- Type of goods (Hazardous, Frozen, Chilled, Ambient)
	- Product Category
	- Type of Shipment (FG, HC goods, etc)
	- Quantity of Goods (Items)
	- Mass or Volume
	- Time Sensitivity of Goods
	- Sender Identifier GLN
	- Recipient Identifier GLN
	- Shipment Identification Type GSIN
	- Shipper GLN
	- Included Logistic Unit SSCC
	- Transport Status Condition Code
	- Transport Mode type Code
	- Route Identifier
	- Carrier Name
	- Arrival Date, Time & Time zone
	- Actual Loading Logistic Location address (city)
	- Load Begin Date & Time
	- Load End Date & Time
	- Departure Date, Time & Time zone
Transport Management – In-Trans	it Status Monitoring Data Set
In-Transit Status Monitoring	- Consignment Number
Data Attributes	- Reference number
Data Attributes	- Vehicle Id
	- Route Identifier
	- Shipper GLN
	- Carrier Name
	- Location of shipment
	- Date, Time & Time zone
	- Actual Location Geo Status
	- Condition/Temperature of goods
	- Time Sensitivity of goods
	- Sender Identifier GLN
	- Recipient Identifier GLN
	- Shipment Identification Type GSIN
	- Included Logistic Unit SSCC
	- Transport Status Condition Code
	- Transport Mode type Code

Transport Management - Inbound	Delivery Data Set
Delivery Data Attributes	- Consignment Number
	- Reference number
	- Vehicle Id
	- Destination Arrival Date, Time & Time zone
	- Actual Unloading Logistic Location address (city)
	- Drop-off Date, Time & Time zone
	- Unload Begin Date & Time
	- Unload End Date & Time
	- Type of goods (Hazardous, Frozen, Chilled, Ambient)
	- Product Category
	- Type of Shipment (FG, HC goods, etc)
	- Quantity of Goods (Items)
	- Mass or Volume
	- Geo Status
	- Condition/Temperature of goods
	- Time Sensitivity of Goods
	- Sender Identifier GLN
	- Recipient Identifier GLN
	- Shipper GLN
	- Shipment Identification Type GSIN
	 Included Logistic Unit SSCC Transport Status Condition Code
	- Transport Status Condition Code
	- Carrier Name
Service Time Data Attributes	- Time taken to complete the Delivery
Service Time Data Attributes	
Proof Of Delivery Data Attributes	- Pick-up Date, Time & Time zone
Proof Of Delivery Data Attributes	- Delivery Date, Time & Time zone
	- Pick-up From Location
	- Deliver To Location
	- Consignment Number
	- Reference Number
	- Shipment Date
	- Cubic Meters
	- Declared Weight
	- Items
	- Service (Road, Rail, Ship, Air)
	- Customer Account
	- Pick-up Depot
	- Delivery Depot
	- ETA Date

Receiving Data Set	Consignment Number
Receiving Data Attributes	 Consignment Number Reference number Location Date, Time & Time zone Sender Identifier GLN Recipient Identifier GLN Transport Status Provider GLN Shipment Identification Type GSIN Shipper GLN Recipient GLN Included Logistic Unit SSCC Transport Status Condition Code Transport Mode type Code Route Identifier Carrier Name Actual Unloading Logistic Location address (city) Logistic Event Period End Date & Time Delivery Time
Freight Data Exchange Data Set	
Freight Data Exchange Data Attributes	 Consignment Number Reference number Transport Status Provider GLN Carrier Name Pick-up date/time Pick-up location Consignment type Volume/mass Delivery date/time Delivery location

Transport Instruction Message Structure and Content

The following table provides an overview of the Transport Instruction message structure and content. The message elements are defined by means of their data types, cardinality (the C column) and a textual description. The cardinality is the number of instances of this element that has to or can be provided.

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 highlighted in grey.

Transport Instruction Shipment 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 processi the business document, identifies the message set sent together with on SBE the version number of the document, identifies the message set sent together on SBDH and the version number of the document(s) contained.	n SBDH and
4	HeaderVersion	Type: string	1 Version number of the SBDH standard used.	
5	Sender	Type: Partner	1n Sender of the message, party representing the organization which created th standard business document.	ed the
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 user indicate the authority agency of the identification key.	
7	ContactInformation	Type: ContactInformation	0n Contact information for contact person or department. The element althoug optional, should be used, if possible.	-
8	Contact	Type: string	1 Name of contact person or department. Although optional, should be used, possible.	sed, if
9	EmailAddress	Type: string	01 Email address of contact person or department according to ITU-T Recommendation E.123.	
10	FaxNumber	Type: string	01 Fax number of contact person or department according to ITU-T Recomment E.123.	
11	TelephoneNumber	Type: string	01 Telephone number of contact person or department according to ITU-T Recommendation E.123.	
12	ContactTypeIdentifier	Type: string	01 The role of the contact person or department, e.g. EDI coordinator.	
13	Receiver	Type: Partner (see line 5)	1n Receiver of the message, party representing the organization which receives standard business document.	vives the
	Identifier	Type: PartnerIdentification	1 A unique identification key for the Receiver party. The value may be a GLN. C another identifier. In case of the latter the Authority attribute should be user indicate the authority agency of the identification key.	
	ContactInformation	Type: ContactInformation	0n Contact information for contact person or department. The element althoug optional, should be used, if possible.	hough
	Contact	Type: string	 Name of contact person or department. Although optional, should be used, possible. 	sed, if
	EmailAddress	Type: string	01 Email address of contact person or department according to ITU-T Recommendation E.123.	
	FaxNumber	Type: string	01 Fax number of contact person or department according to ITU-T Recomment E.123.	mendation
	TelephoneNumber	Type: string	01 Telephone number of contact person or department according to ITU-T Recommendation E.123.	
	ContactTypeIdentifier	Type: string	01 The role of the contact person or department, e.g. EDI coordinator.	
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 element "Standard" MUST be set to the value "GS1"	e of the
16	TypeVersion	Type: string	1 The version number of the XSD schema used in the payload of the message	age
17	InstanceIdentifier	Type: string	Identifies the instance of the transport instruction message. This identifier id thisdocument as being distinct from others.	
18	Туре	Type: string	1 Identifies the type of the document, e.g. "Transport Instruction"	

MultipleType			Type: boolean	01	TRUE if many different document types after the same header. Will not be use
CreationDat	CreationDateAndTime		Type: dateTime	1	The update time of this submission, e.g. 2006-03-23T01:00:78.000+02:00
Manifest			Type: Manifest	01	Attachments to the instruction. Will not be used.
NumberOfIt	tems		Type: integer	1	
ManifestIte	m		Type: ManifestItem	1n	
Mir	meTypeQualifierCode	:	Type: MimeTypeQualifier	1	
Uni	iformResourceIdentifi	ier	Type: anyURi	1	
Des	scription		Type: string	01	
Lan	nguageCode		Type: Language	01	
BusinessScope			Type: BusinessScope	01	Description of the complete business environment in which the SBDH and SBD
					be processed. The business scope provides a basis to determine which rules a
					applicable to the transaction involving the enclosed business documents.
Scope			Type: Scope	0n	
Sco	peAttributes		Group	1	
	Туре		Type: string	1	Name of XSD profile used.
	InstanceIdentifie	r	Type: string	1	Leave empty
	Identifier		Type: string	01	
Sco	peinformation		Type: anyType	0n	This is an abstract element with a substitution group. Will not be used.
_	BusinessService		SubstitutionGroup	01	
	Business	ServiceName	Type: string	01	
	ServiceTr	ansaction	ServiceTransaction	01	
	ScopeInfo	ormation	Substitution Group: anyType	01	
	CorrelationInform	mation	SubstitutionGroup	01	
		ngDocumentCreationDateTime	Type: dateTime	01	
		ngDocumentInstanceIdentifier	Type: string	01	
		ResponseDateTime	Type: dateTime	01	
	ScopeInfo		Substitution Group: anyType	01	
acnostinstruction			Tune: TransportInstructionTune	1 n	The main objectives of the Transport Instruction are to communicate and sha
nsportInstruction			Type: TransportInstructionType	1n	
nsportInstruction			Type: TransportInstructionType	1n	arrangements (through the agreed conditions) of the movement of the goods
nsportInstruction			Type: TransportInstructionType	1n	arrangements (through the agreed conditions) of the movement of the goods (including collection and delivery) between all parties involved and providing t
·				1n	arrangements (through the agreed conditions) of the movement of the goods
DocumentType			Extention base	1n	arrangements (through the agreed conditions) of the movement of the goods (including collection and delivery) between all parties involved and providing t information necessary to perform the handling of the goods.
DocumentType creationDateTime			Extention base Type: dateTime	<u>1</u> 1	arrangements (through the agreed conditions) of the movement of the goods (including collection and delivery) between all parties involved and providing t information necessary to perform the handling of the goods. Date and time when the document was created.
DocumentType creationDateTime documentStatusC	Code		Extention base Type: dateTime Enum type: DocumentStatusEnumerationType	1 1 1	arrangements (through the agreed conditions) of the movement of the goods (including collection and delivery) between all parties involved and providing 1 information necessary to perform the handling of the goods. Date and time when the document was created. Indicates if the document is a copy or an original.
DocumentType creationDateTime	Code		Extention base Type: dateTime	1 1 1	arrangements (through the agreed conditions) of the movement of the goods (including collection and delivery) between all parties involved and providing 1 information necessary to perform the handling of the goods. Date and time when the document was created. Indicates if the document is a copy or an original.
DocumentType creationDateTime documentStatusC	Code Code		Extention base Type: dateTime Enum type: DocumentStatusEnumerationType	1 1 1 01	arrangements (through the agreed conditions) of the movement of the goods (including collection and delivery) between all parties involved and providing 1 information necessary to perform the handling of the goods. Date and time when the document was created. Indicates if the document is a copy or an original. Code specifying the action to be taken in the system of the recipient using the information in the document. Specification of the version of the standard on which the structure of the docu
DocumentType creationDateTime documentStatusC documentActionC documentStructu	Code Code IreVersion		Extention base Type: dateTime Enum type: DocumentStatusEnumerationType Enum type: DocumentActionEnumerationType Type: string	1 1 01 01	arrangements (through the agreed conditions) of the movement of the goods (including collection and delivery) between all parties involved and providing to information necessary to perform the handling of the goods. Date and time when the document was created. Indicates if the document is a copy or an original. Code specifying the action to be taken in the system of the recipient using the information in the document. Specification of the version of the standard on which the structure of the docu is based, for example 3.0.
DocumentType creationDateTime documentStatusC documentActionC documentStructu lastUpdateDateTi	Code Code IreVersion		Extention base Type: dateTime Enum type: DocumentStatusEnumerationType Enum type: DocumentActionEnumerationType Type: string Type: dateTime	1 1 01 01 01	arrangements (through the agreed conditions) of the movement of the goods (including collection and delivery) between all parties involved and providing to information necessary to perform the handling of the goods. Date and time when the document was created. Indicates if the document is a copy or an original. Code specifying the action to be taken in the system of the recipient using the information in the document. Specification of the version of the standard on which the structure of the docu is based, for example 3.0. Date and time when the document was last updated.
DocumentType creationDateTime documentStatusC documentActionC documentStructu	Code Code IreVersion		Extention base Type: dateTime Enum type: DocumentStatusEnumerationType Enum type: DocumentActionEnumerationType Type: string	1 1 01 01 01	arrangements (through the agreed conditions) of the movement of the goods (including collection and delivery) between all parties involved and providing t information necessary to perform the handling of the goods. Date and time when the document was created. Indicates if the document is a copy or an original. Code specifying the action to be taken in the system of the recipient using the information in the document. Specification of the version of the standard on which the structure of the docu is based, for example 3.0. Date and time when the document was last updated. Extension point for inclusion of additional information through an extension t
DocumentType creationDateTime documentStatusC documentActionC documentStructu lastUpdateDateTi extension	Code Code ureVersion ime		Extention base Type: dateTime Enum type: DocumentStatusEnumerationType Enum type: DocumentActionEnumerationType Type: string Type: dateTime ExtentionType	1 1 01 01 01	arrangements (through the agreed conditions) of the movement of the goods (including collection and delivery) between all parties involved and providing t information necessary to perform the handling of the goods. Date and time when the document was created. Indicates if the document is a copy or an original. Code specifying the action to be taken in the system of the recipient using the information in the document. Specification of the version of the standard on which the structure of the docu is based, for example 3.0. Date and time when the document was last updated. Extension point for inclusion of additional information through an extension t document. Will not be used.
DocumentType creationDateTime documentStatusC documentActionC documentStructu lastUpdateDateTi extension transportInstruction	Code Code ureVersion ime Identification		Extention base Type: dateTime Enum type: DocumentStatusEnumerationType Enum type: DocumentActionEnumerationType Type: string Type: dateTime ExtentionType Type: EntityIdentificationType	1 1 01 01 01 01 1	arrangements (through the agreed conditions) of the movement of the goods (including collection and delivery) between all parties involved and providing to information necessary to perform the handling of the goods. Date and time when the document was created. Indicates if the document is a copy or an original. Code specifying the action to be taken in the system of the recipient using the information in the document. Specification of the version of the standard on which the structure of the docu is based, for example 3.0. Date and time when the document was last updated. Extension point for inclusion of additional information through an extension t document. Will not be used. The identification of the transport instruction document.
DocumentType creationDateTime documentStatusC documentActionC documentStructu lastUpdateDateTi extension	Code Code ureVersion ime Identification		Extention base Type: dateTime Enum type: DocumentStatusEnumerationType Enum type: DocumentActionEnumerationType Type: string Type: dateTime ExtentionType	1 1 01 01 01 01 1	arrangements (through the agreed conditions) of the movement of the goods (including collection and delivery) between all parties involved and providing to information necessary to perform the handling of the goods. Date and time when the document was created. Indicates if the document is a copy or an original. Code specifying the action to be taken in the system of the recipient using the information in the document. Specification of the version of the standard on which the structure of the docu is based, for example 3.0. Date and time when the document was last updated. Extension point for inclusion of additional information through an extension t document. Will not be used. The identification of the transport instruction document. The unique identifier of the piece of information, such as the object id or the
DocumentType creationDateTime documentStatusC documentActionC documentStructu lastUpdateDateTi extension transportInstruction entityIdentificatic	Code Code ureVersion ime Identification		Extention base Type: dateTime Enum type: DocumentStatusEnumerationType Enum type: DocumentActionEnumerationType Type: string Type: dateTime ExtentionType Type: EntityIdentificationType Type: restricted string	1 1 01 01 01 01 1 1	arrangements (through the agreed conditions) of the movement of the goods (including collection and delivery) between all parties involved and providing to information necessary to perform the handling of the goods. Date and time when the document was created. Indicates if the document is a copy or an original. Code specifying the action to be taken in the system of the recipient using the information in the document. Specification of the version of the standard on which the structure of the docu is based, for example 3.0. Date and time when the document was last updated. Extension point for inclusion of additional information through an extension t document. Will not be used. The identification of the transport instruction document. The unique identifier of the piece of information, such as the object id or the document id.
DocumentType creationDateTime documentStatusC documentActionC documentStructu lastUpdateDateTi extension transportInstruction entityIdentificatio contentOwner	Code Code ureVersion ime Identification		Extention base Type: dateTime Enum type: DocumentStatusEnumerationType Enum type: DocumentActionEnumerationType Type: string Type: dateTime ExtentionType Type: EntityIdentificationType Type: restricted string Type: PartyIdentificationType	1 1 01 01 01 01 1 1	arrangements (through the agreed conditions) of the movement of the goods (including collection and delivery) between all parties involved and providing t information necessary to perform the handling of the goods. Date and time when the document was created. Indicates if the document is a copy or an original. Code specifying the action to be taken in the system of the recipient using the information in the document. Specification of the version of the standard on which the structure of the docu is based, for example 3.0. Date and time when the document was last updated. Extension point for inclusion of additional information through an extension t document. Will not be used. The identification of the transport instruction document. The unique identifier of the piece of information, such as the object id or the document id. Uniquely identifies the creator of the entity identification.
DocumentType creationDateTime documentStatusC documentActionC documentStructu lastUpdateDateTi extension transportInstruction entityIdentificatic	Code Code ureVersion ime Identification		Extention base Type: dateTime Enum type: DocumentStatusEnumerationType Enum type: DocumentActionEnumerationType Type: string Type: dateTime ExtentionType Type: EntityIdentificationType Type: restricted string	1 1 01 01 01 01 1 1	Date and time when the document was created. Indicates if the document is a copy or an original. Code specifying the action to be taken in the system of the recipient using the information in the document. Specification of the version of the standard on which the structure of the docu is based, for example 3.0. Date and time when the document was last updated. Extension point for inclusion of additional information through an extension t document. Will not be used. The identification of the transport instruction document. The unique identifier of the piece of information, such as the object id or the document id.

transport	tInstructionFunction	Enum type: TransportInstructionFunctionEnumerationType	1	The transport instruction function identifies whether the transport instruction is consignment-based or shipment-based.
logisticSe	ervicesSeller	Type: TransactionalPartyType	1	A party that provides logistics services to another party.
1	gln	Туре: GLNTуре	01	Global Location Number (GLN), the GS1 key used for the identification of parties and locations.
i	additionalPartyIdentification	Type: AdditionalPartyIdentificationType	0n	Identification of a party by use of a code other than the Global Location Number
-	address	Type: AddressType		Address of the party involved in the business transaction.
	city	Type: restricted string		Text specifying the name of the city.
	cityCode	Type: restricted string		Identifier for a city, expressed as a short code rather than the full name
	countryCode	Type: CountryCodeType		Code specifying the country for the address.
	countyCode	Type: restricted string	01	A code that identifies a county. A county is a territorial division in some countrie forming the chief unit of local administration. In the US, a county is a political ar administrative division of a state. Will not be used.
	crossStreet	Type: restricted string	01	A street intersecting a main street (usually at right angles) and continuing on bo sides of it. Will not be used.
	currencyOfPartyCode	Type: CurrencyCodeType	01	Code specifying the currency of an addressed party. Will not be used.
	languageOfThePartyCode	Type: LanguageCodeType	01	Code specifying the language of an addressed party. Will not be used.
	name	Type: restricted string	01	The name of the party expressed in text.
	pOBoxNumber	Type: restricted string	01	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 k
	postalCode	Type: restricted string	01	Text specifying the postal code for an address.
	state	Type: restricted string	01	One of the constituent units of a nation having a federal government.
	streetAddressOne	Type: restricted string	01	The first free form line of an address, This first part is printed on paper as the f line below the name. For example, the name of the street and the number in the street or the name of a building.
	streetAddressTwo	Type: restricted string	01	The second free form line of an address, This second part is printed on paper a second line below the name. The second free form line complements the first f form line to locate the party e.g. floor number, name of a building, suite number
	geographicalCoordinates	Type: GeographicalCoordinatesType	01	Geographical coordinates for the address.
	latitude	Type: restricted string	1	Angular distance North or South from the earth's equator measured through 90 degrees.
	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
	contact	Type: ContactType	01	Person or department that can be contacted regarding the business transaction
	contactTypeCode	Type: ContactTypeCodeType	01	Code specifying the function or role of a contact.
	personName	Type: restricted string	01	The name of the individual that can be contacted to provide additional informa
	departmentName	Type: restricted string	01	The name of the department that can be contacted to provide additional information.
	jobTitle	Type: restricted string	01	The job title of the person that can be contacted.
	responsibility	Type: Description70Type	0n	Text further specifying the area of responsibility of the trade contact. Will not bused.
	communicationChannel	Type: CommunicationChannelType	0n	The channel or manner in which a communication can be made with the conta such as telephone or email.
	communicationChannelCode	Type: CommunicationChannelCodeType	1	Code specifying the type of communication channel, for example TELEPHONE.
	communicationValue	Type: restricted string	1	Text identifying the endpoint for the communication channel, for example a telephone number or an email address.
	afterHoursCommunicationChannel	Type: CommunicationChannelType (see line 84)	0n	

du	ItyFeeTaxRegistration	Type: DutyFeeTaxRegistrationType	0n The registration details of a party related to a particular duty, tax or fee.
	dutyFeeTaxRegistrationID	Type: IdentifierType	1 Identifier of the party for this particular duty, fee or tax.
	duryFeeTaxTypeCode	Type: DuryFeeTaxTypeCodeType	1 Code specifying the type of duty, fee or tax.
	dutyFeeTaxAgencyName	Type: restricted string	01 Agency responsible for the collection of this duty, fee or tax.
	dutyFeeTaxDescription	Type: Description80Type	01 Textual description of this duty, fee or tax.
or	ganisationDetails	Type: OrganisationType	01 Information about the legal organisation of the party involved in the business
	•		transaction.
	organisationName	Type: restricted string	1 The official name of the organisation.
	issuedCapital	Type: AmountType	01 The amount of the issued capital. Will not be used.
	legalStructure	Type: Description80Type	01 Description of the type of legal structure of the organisation. Will not be used.
	officialAddress	Type: AddressType (see line 61)	01 The address where the organisation is officially based.
	legalRegistration	Type: LegalRegistrationType	0n The registration details of an organisation in a particular legal register.
	legalRegistrationNumber	Type: restricted string	1 Unique identifier of the organization in the legal register.
	legalRegistrationType	Type: LegalRegistrationCodeType	1 Code specifying the type of legal register.
financia	alInstitutionInformation	Type: FinancialInstitutionInformationType	0n Information on the financial institution(s) where the party holds an account.
	nancialInstitutionName		0.1 The name of the account holder's financial institution.
		Type: restricted string	01 The name of a division or location of the account holder's financial institution.
	nancialInstitutionBranchName	Type: restricted string	
Tin	nancialAccount	Type: FinancialAccountType	01 Information identifying a client's financial account with a financial institution.
	financialAccountNumber	Type: restricted string	1 Text specifying the number of the financial account.
	financialAccountNumberTypeCode	Type: FinancialAccountNumberTypeCodeType	1 Identifies the type of financial account number.
	financialAccountName	Type: restricted string	01 Text specifying the name of the financial account.
fin	nancialRoutingNumber	Type: FinancialRoutingNumberType	01 Provides the Routing Number for the Financial Institution.
	financialRoutingNumber	Type: restricted string	1 Number assigned to a transaction in financial routing between parties. The nur is determined by and used in conjunction with the type of routing, e.g.
			SWIFT,ABA,CHIPS.
	financialRoutingNumberTypeCode	Type: FinancialRoutingNumberTypeCodeType	1 Code specifying the type of financial routing, e.g. SWIFT.
ad	IditionalFinancialInformation	Type: MultiDescription70Type	01 A description used to provide any additional information about a financial
			institution. Will not be used.
	description	Type: Description70Type	1n Text content of the description. Will not be used.
ad	Idress	Type: AddressType (see line 61)	01 Address of the financial institution involved in the business transaction.
		· / · · · · · · · · · · · · · · · · · ·	
logisticServ	icesBuver	Type: TransactionalPartyType (see line 58)	1 A party that purchases logistics services from another party.
glr		Type: GLNType	01 Global Location Number (GLN), the GS1 key used for the identification of parties
5"		Type. Gentype	and locations.
billTo		Type: TransactionalPartyType (see line 58)	01 Identifies the party who will receive the invoice for the transport services. Synor Invoicee.
	nstructionShipment		0 Provides the information on a shipment contained in this transport instruction.
-		Type: TransportInstructionShipmentType	
	ntldentification	Type Extention base: ShipmentIdentificationType (see line 246)	
gsi		Type: GSINType	1 Global Shipment Identification Number (GSIN), the GS1 key used for the identification of shipments.
parentS	ShipmentID	Type: ShipmentIdentificationType (see line 246)	0.1 Information used to identify a shipment.
transpo	ortInstructionSatusCode	Type: TransportInstructionStatusEnumerationType	01 Code specifying the instruction status of this shipment.
transpo	ortInstructionStatusDescription	Type: Description70Type	0.1 Textual description of the instruction status of this shipment.
	ortInstructionStatusReasonCode	Type: TransportInstructionStatusReasonCodeType	01 Code specifying the instruction status reason for this shipment.
note		Type: Description500Type	01 Free text used to convey information that is not processed by applications. Onl
		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	meant to present the information to a user as on a screen, in a browser, etc.
receive	r	Type: TransactionalPartyType (see line 58)	1 A party which engages in receiving this shipment of goods.
glr			01 Global Location Number (GLN), the GS1 key used for the identification of partie
		Type: GLINType	0.1 Global Location Number (GLN), the GST key used for the identification of parties

shipper		Type: TransactionalPartyType (see line 58)	1	A party which engages in shipping this shipment of goods
gln		Type: GLNType	01	Global Location Number (GLN), the GS1 key used for the identification of parties
				and locations.
carrier		Type: TransactionalPartyType (see line 58)	0 1	A party that physically transports goods from one place to another.
gln		Type: GLNType		Global Location Number (GLN), the GS1 key used for the identification of parties
gin		Type. GENType	01	and locations.
notifyParty		Type: TransactionalPartyType (see line 58)	0 n	Identification of and additional information about a party involved in a business
			0	transaction, such as "order" or "invoice".
shipTo		Type: TransactionalPartyType (see line 58)	01	The physical location to where goods will be or have been shipped.
address		Type: AddressType		Address of the party involved in the business transaction.
city		Type: restricted string		Text specifying the name of the city.
postalCode		Type: restricted string		Text specifying the postal code for an address.
streetAddress	Jne	Type: restricted string		The first free form line of an address, This first part is printed on paper as the fi
				line below the name. For example, the name of the street and the number in th
				street or the name of a building.
shipFrom		Type: TransactionalPartyType (see line 58)	01	The physical location from where goods will be or have been shipped.
address		Type: AddressType	01	Address of the party involved in the business transaction.
city		Type: restricted string	01	Text specifying the name of the city.
postalCode		Type: restricted string	01	Text specifying the postal code for an address.
streetAddress	Ine	Type: restricted string	01	The first free form line of an address, This first part is printed on paper as the fi
				line below the name. For example, the name of the street and the number in the
				street or the name of a building.
importAgent		Type: TransactionalPartyType (see line 58)	01	street or the name of a building. Identification of and additional information about a party involved in a business
importAgent		Type: TransactionalPartyType (see line 58)	01	
importAgent exportAgent		Type: TransactionalPartyType (see line 58) Type: TransactionalInstructionTermsType (see line 137)		Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice".
				Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice".
				Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Code specifying the service level requested for the transport service. For examp
exportAgent transportInstructionTerms		Type: TransactionalPartyType (see line 137) Type: TransactionalPartyType (see line 58)		Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Code specifying the service level requested for the transport service. For examp Express service.
exportAgent	уТуре	Type: TransactionalInstructionTermsType (see line 137)		Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Code specifying the service level requested for the transport service. For examp Express service. Code specifying the type of transport service that will be provided. For example
exportAgent transportInstructionTerms	уТуре	Type: TransactionalPartyType (see line 137) Type: TransactionalPartyType (see line 58)		Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Code specifying the service level requested for the transport service. For examp Express service.
exportAgent transportInstructionTerms transportServiceCatego		Type: TransactionalInstructionTermsType (see line 137) Type: TransactionalPartyType (see line 58) Type: TransportServiceCategoryCodeType		Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Code specifying the service level requested for the transport service. For examp Express service. Code specifying the type of transport service that will be provided. For example Courier service.
exportAgent transportInstructionTerms transportServiceCatego		Type: TransactionalPartyType (see line 137) Type: TransactionalPartyType (see line 58)		Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Code specifying the service level requested for the transport service. For examp Express service. Code specifying the type of transport service that will be provided. For example Courier service.
exportAgent transportInstructionTerms transportServiceCatego		Type: TransactionalInstructionTermsType (see line 137) Type: TransactionalPartyType (see line 58) Type: TransportServiceCategoryCodeType Type: TransportCargoCharacteristicsType (see line 149)	01 1 1 1 1	Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Code specifying the service level requested for the transport service. For examp Express service. Code specifying the type of transport service that will be provided. For example Courier service.
exportAgent transportInstructionTerms transportServiceCatego transportCargoCharacteristi cargoTypeCode		Type: TransactionalInstructionTermsType (see line 137) Type: TransactionalPartyType (see line 58) Type: TransportServiceCategoryCodeType Type: TransportCargoCharacteristicsType (see line 149) Type: CargoTypeCodeType	01 1 1 1 1 1 1 01	Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Code specifying the service level requested for the transport service. For example Express service. Code specifying the type of transport service that will be provided. For example Courier service. Aggregate information on the goods that are contained in this shipment. Code specifying the classification of a type of cargo for example hazardous carge
exportAgent transportInstructionTerms transportServiceCatego transportCargoCharacteristi cargoTypeCode cargoTypeDescription		Type: TransactionalInstructionTermsType (see line 137) Type: TransactionalPartyType (see line 58) Type: TransportServiceCategoryCodeType Type: TransportCargoCharacteristicsType (see line 149) Type: CargoTypeCodeType Type: Description200Type	01 1 1 1 1 1 1 01	Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Code specifying the service level requested for the transport service. For example Express service. Code specifying the type of transport service that will be provided. For example Courier service. Aggregate information on the goods that are contained in this shipment. Code specifying the classification of a type of cargo for example hazardous carge
exportAgent transportInstructionTerms transportServiceCatego transportCargoCharacteristi cargoTypeCode cargoTypeDescription		Type: TransactionalInstructionTermsType (see line 137) Type: TransactionalPartyType (see line 58) Type: TransportServiceCategoryCodeType Type: TransportCargoCharacteristicsType (see line 149) Type: CargoTypeCodeType Type: Description200Type	01 1 1 1 1 01	Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Code specifying the service level requested for the transport service. For example Express service. Code specifying the type of transport service that will be provided. For example Courier service. Aggregate information on the goods that are contained in this shipment. Code specifying the classification of a type of cargo for example hazardous carg Free text specifying the classification of a type of cargo. A measure of the volume, normally calculated by multiplying the maximum leng width, and height of the packaged goods.
exportAgent transportInstructionTerms transportServiceCatego transportCargoCharacteristi cargoTypeCode cargoTypeDescription totalGrossVolume		Type: TransactionalInstructionTermsType (see line 137) Type: TransactionalPartyType (see line 58) Type: TransportServiceCategoryCodeType Type: TransportCargoCharacteristicsType (see line 149) Type: CargoTypeCodeType Type: Description200Type Type: MeasurementType	01 1 1 1 1 01	Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Code specifying the service level requested for the transport service. For example Express service. Code specifying the type of transport service that will be provided. For example Courier service. Aggregate information on the goods that are contained in this shipment. Code specifying the classification of a type of cargo for example hazardous carg Free text specifying the classification of a type of cargo. A measure of the volume, normally calculated by multiplying the maximum leng width, and height of the packaged goods.
exportAgent transportInstructionTerms transportServiceCatego transportCargoCharacteristi cargoTypeCode cargoTypeDescription totalGrossVolume	25 25	Type: TransactionalInstructionTermsType (see line 137) Type: TransactionalPartyType (see line 58) Type: TransportServiceCategoryCodeType Type: TransportCargoCharacteristicsType (see line 149) Type: CargoTypeCodeType Type: Description200Type Type: MeasurementType	01 1 1 1 1 01 01 01	Identification of and additional information about a party involved in a busines: transaction, such as "order" or "invoice". Identification of and additional information about a party involved in a busines: transaction, such as "order" or "invoice". Code specifying the service level requested for the transport service. For example Express service. Code specifying the type of transport service that will be provided. For example Courier service. Aggregate information on the goods that are contained in this shipment. Code specifying the classification of a type of cargo for example hazardous carg Free text specifying the classification of a type of cargo. A measure of the volume, normally calculated by multiplying the maximum leng width, and height of the packaged goods. A measure of the mass of the goods including the weight of transport packaging and potentially the weight of any transport equipment.
exportAgent transportInstructionTerms transportServiceCatego transportCargoCharacteristi cargoTypeCode cargoTypeDescription totalGrossVolume totalGrossWeight	25 25	Type: TransactionalInstructionTermsType (see line 137) Type: TransactionalPartyType (see line 58) Type: TransportServiceCategoryCodeType Type: TransportCargoCharacteristicsType (see line 149) Type: CargoTypeCodeType Type: MeasurementType Type: MeasurementType	01 1 1 1 1 01 01 01	Identification of and additional information about a party involved in a business transaction, such as "order" or "invoice". Identification of and additional information about a party involved in a business transaction, such as "order" or "invoice". Code specifying the service level requested for the transport service. For example Express service. Code specifying the type of transport service that will be provided. For example Courier service. Aggregate information on the goods that are contained in this shipment. Code specifying the classification of a type of cargo for example hazardous carg Free text specifying the classification of a type of cargo. A measure of the volume, normally calculated by multiplying the maximum lengwidth, and height of the packaged goods. A measure of the mass of the goods including the weight of transport packaging
exportAgent transportInstructionTerms transportServiceCatego transportCargoCharacteristi cargoTypeCode cargoTypeDescription totalGrossVolume totalGrossWeight	25 25	Type: TransactionalInstructionTermsType (see line 137) Type: TransactionalPartyType (see line 58) Type: TransportServiceCategoryCodeType Type: TransportCargoCharacteristicsType (see line 149) Type: CargoTypeCodeType Type: MeasurementType Type: MeasurementType	01 1 1 1 1 01 01 01 01	Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Code specifying the service level requested for the transport service. For example Express service. Code specifying the type of transport service that will be provided. For example Courier service. Aggregate information on the goods that are contained in this shipment. Code specifying the classification of a type of cargo for example hazardous carg Free text specifying the classification of a type of cargo. A measure of the volume, normally calculated by multiplying the maximum leng width, and height of the packaged goods. A measure of the mass of the goods including the weight of transport packaging and potentially the weight of any transport equipment.
exportAgent transportInstructionTerms transportServiceCatego transportCargoCharacteristi cargoTypeCode cargoTypeDescription totalGrossVolume totalGrossWeight totalTransportNetWeight	25 25	Type: TransactionalInstructionTermsType (see line 137) Type: TransactionalPartyType (see line 58) Type: TransportServiceCategoryCodeType Type: TransportCargoCharacteristicsType (see line 149) Type: CargoTypeCodeType Type: MeasurementType Type: MeasurementType Type: MeasurementType Type: MeasurementType	01 1 1 1 1 01 01 01 01	Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Identification of and additional information about a party involved in a busines transaction, such as "order" or "invoice". Code specifying the service level requested for the transport service. For example Express service. Code specifying the type of transport service that will be provided. For example Courier service. Aggregate information on the goods that are contained in this shipment. Code specifying the classification of a type of cargo for example hazardous carg Free text specifying the classification of a type of cargo. A measure of the volume, normally calculated by multiplying the maximum leng width, and height of the packaged goods. A measure of the mass of the goods including the weight of transport packaging and potentially the weight of any transport equipment. A measure of the mass of the goods excluding the weight of transport packaging and potentially the weight of any transport equipment.
exportAgent transportInstructionTerms transportServiceCatego transportCargoCharacteristi cargoTypeCode cargoTypeDescription totalGrossVolume totalGrossWeight totalTransportNetWeight totalPackageQuantity	25 25	Type: TransactionalInstructionTermsType (see line 137) Type: TransactionalPartyType (see line 58) Type: TransportServiceCategoryCodeType Type: TransportCargoCharacteristicsType (see line 149) Type: CargoTypeCodeType Type: Description200Type Type: MeasurementType Type: MeasurementType Type: MeasurementType Type: QuantityType	01 1 1 1 1 01 01 01 01 01 1 1	Identification of and additional information about a party involved in a business transaction, such as "order" or "invoice". Identification of and additional information about a party involved in a business transaction, such as "order" or "invoice". Code specifying the service level requested for the transport service. For example Express service. Code specifying the type of transport service that will be provided. For example Courier service. Aggregate information on the goods that are contained in this shipment. Code specifying the classification of a type of cargo for example hazardous carg Free text specifying the classification of a type of cargo. A measure of the volume, normally calculated by multiplying the maximum leng width, and height of the packaged goods. A measure of the mass of the goods excluding the weight of transport packaging and potentially the weight of any transport equipment. A measure of the mass of the goods excluding the weight of transport packaging and excluding the weight of any transport equipment.
exportAgent transportInstructionTerms transportServiceCatego transportCargoCharacteristi cargoTypeCode cargoTypeDescription totalGrossVolume totalGrossWeight totalPackageQuantity	25 25	Type: TransactionalInstructionTermsType (see line 137) Type: TransactionalPartyType (see line 58) Type: TransportServiceCategoryCodeType Type: TransportCargoCharacteristicsType (see line 149) Type: CargoTypeCodeType Type: Description200Type Type: MeasurementType Type: MeasurementType Type: QuantityType Type: QuantityType	01 1 1 1 1 01 01 01 01 01 1 1	Identification of and additional information about a party involved in a business transaction, such as "order" or "invoice". Identification of and additional information about a party involved in a business transaction, such as "order" or "invoice". Code specifying the service level requested for the transport service. For example Express service. Code specifying the type of transport service that will be provided. For example Courier service. Aggregate information on the goods that are contained in this shipment. Code specifying the classification of a type of cargo for example hazardous carg Free text specifying the classification of a type of cargo. A measure of the volume, normally calculated by multiplying the maximum leng width, and height of the packaged goods. A measure of the mass of the goods including the weight of transport packaging and potentially the weight of any transport equipment. A measure of the mass of the goods excluding the weight of transport packaging and potentially the weight of any transport equipment. Total number of logistic units (e.g. pallets) in this transport cargo. Details on the planned delivery of the shipment.

	espatch	Type: DeliveryTermsType (see line 229)	01 Details on the planned despatch of the shipment.
deliveryTe	erms	Type: LogisticEventType (see line 165)	01 The applicable legal, customs, financial and insurance terms that have been agr
			for the delivery of the shipment
packageTo	otal	Type: PackageTotalType (see line 234)	0n Aggregate information per type of package contained in the shipment.
packa	ageTypeCode	Type: PackageTypeCodeType	1 The code specifying the type of logistics package.
totalF	PackageQuantity	Type: positiveInteger	1 The total number of units of this package type.
transportR	Reference	Type: TransportReferenceType (see line 249)	0n References to the commercial transaction or to transport and legal documents
			related to the shipment.
handlingIn	nstruction	Type: HandlingInstructionType (see line 255)	0n Instruction on the way to treat the goods during transport and storage.
dangerous	sGoodsInformation	Type: DangerousGoodsInformationType (see line 262)	0n Hazardous instructions for this shipment, such as where or how specified pack
			or containers are to be handled because of restriction from dangerous goods.
transport	InstructionShipmentItem	Type: TransportInstructionShipmentItemType	0n A line item included in this shipment of goods.
linelte	emNumber	Type: positiveInteger	1 The sequence number for this shipment item.
note		Type: Description500Type	01 A string of no more than 500 characters in a specified language.
logist	ticUnit	Type: LogisticUnitType (see line 311)	0n Information on the logistic unit(s) included in the shipment item.
	SSCC	Type: SSCCType	1 Serial Shipping Container Code (SSCC), the GS1 key used for the identification o
			logistic units.
	packageTypeCode	Type: PackageCodeType	01 Code specifying the type of logistic unit based on its primary packaging.
trans	sactionalTradeItem	Type: transactionalTradeItemType	0n Information on the trade item(s) included in the shipment item.
	TradeltemIdentificationType	Extention base	1
	gtin	Type: GTINType	1 Global Trade Item Number (GTIN), the GS1 key used for the identification of tra
			items.
	additionalTradeItemIdentification	Type: AdditionalTradeItemIdentificationType	0n Alternative means to the Global Trade Item Number to identify a trade item.
	tradeltemQuantity	Type: QuantityType	01 Specification of the number of units of the trade item. To be applied when no
			quantity information, such as the requested quantity or the billed quantity, is
			present.
			present.
	tradeltemDescription	Tupo: Description 200Tupo	
	tradeltemDescription	Type: Description200Type	0.1 Textual description of the trade item.
	tradeItemDescription transactionalItemData	Type: Description200Type Type: TransactionalItemDataType	01 Textual description of the trade item. 0n Dynamic characteristics used to specify individual instances of a trade item, succession in the specify individual instances of a trade item, succession is a trade item.
	transactional Item Data	Type: TransactionalItemDataType	 01 Textual description of the trade item. 0n Dynamic characteristics used to specify individual instances of a trade item, surthe best before date, batch number or serial number.
			 01 Textual description of the trade item. 0n Dynamic characteristics used to specify individual instances of a trade item, surthe best before date, batch number or serial number. 01 Dynamic characteristics used to specify individual instances of a trade item, surther surface item, surface i
	transactionalitemData availableForSaleDate	Type: TransactionalItemDataType Type: data	 0.1 Textual description of the trade item. 0.1 Dynamic characteristics used to specify individual instances of a trade item, suge the best before date, batch number or serial number. 0.1 Dynamic characteristics used to specify individual instances of a trade item, suge the best before date, batch number or serial number.
	transactional Item Data	Type: TransactionalItemDataType	0.1 Textual description of the trade item. 0 Dynamic characteristics used to specify individual instances of a trade item, such the best before date, batch number or serial number. 01 Dynamic characteristics used to specify individual instances of a trade item, such the best before date, batch number or serial number. 01 Dynamic characteristics used to specify individual instances of a trade item, such the best before date, batch number or serial number. 01 A batch unites products or items that have undergone or are grouped together
	transactionalitemData availableForSaleDate batchNumber	Type: TransactionalItemDataType Type: data Type: string	 0.1 Textual description of the trade item. 0.1 Dynamic characteristics used to specify individual instances of a trade item, surthe best before date, batch number or serial number. 0.1 Dynamic characteristics used to specify individual instances of a trade item, surthe best before date, batch number or serial number. 0.1 Dynamic characteristics used to specify individual instances of a trade item, surthe best before date, batch number or serial number. 0.1 A batch unites products or items that have undergone or are grouped together undergo the same transformation process, not necessarily a production process.
	transactionalitemData availableForSaleDate	Type: TransactionalItemDataType Type: data	0.1 Textual description of the trade item. 0.1 Dynamic characteristics used to specify individual instances of a trade item, surthe best before date, batch number or serial number. 0.1 Dynamic characteristics used to specify individual instances of a trade item, surthe best before date, batch number or serial number. 0.1 Dynamic characteristics used to specify individual instances of a trade item, surthe best before date, batch number or serial number. 0.1 A batch unites products or items that have undergone or are grouped together undergo the same transformation process, not necessarily a production process 0.1 The date before which the product is best used or consumed. It is a statement
	transactionalItemData availableForSaleDate batchNumber bestBeforeDate	Type: TransactionalItemDataType Type: data Type: string Type: date	01 Textual description of the trade item. 0n Dynamic characteristics used to specify individual instances of a trade item, su the best before date, batch number or serial number. 0.1 Dynamic characteristics used to specify individual instances of a trade item, su the best before date, batch number or serial number. 0.1 Dynamic characteristics used to specify individual instances of a trade item, su the best before date, batch number or serial number. 0.1 A batch unites products or items that have undergone or are grouped togethe undergo the same transformation process, not necessarily a production proce 0.1 The date before which the product is best used or consumed. It is a statement about quality.
	transactionalItemData availableForSaleDate batchNumber bestBeforeDate countryOfOrigin	Type: TransactionalItemDataType Type: data Type: string Type: date Type: CountryCodeType	01 Textual description of the trade item. 0n Dynamic characteristics used to specify individual instances of a trade item, su the best before date, batch number or serial number. 0.1 Dynamic characteristics used to specify individual instances of a trade item, su the best before date, batch number or serial number. 0.1 Dynamic characteristics used to specify individual instances of a trade item, su the best before date, batch number or serial number. 0.1 A batch unites products or items that have undergone or are grouped togethe undergo the same transformation process, not necessarily a production proce 0.1 The date before which the product is best used or consumed. It is a statement about quality. 0.1 Country from which the goods are supplied.
	transactionalItemData availableForSaleDate batchNumber bestBeforeDate	Type: TransactionalItemDataType Type: data Type: string Type: date	01 Textual description of the trade item. 01 Dynamic characteristics used to specify individual instances of a trade item, su the best before date, batch number or serial number. 0.1 Dynamic characteristics used to specify individual instances of a trade item, su the best before date, batch number or serial number. 0.1 Dynamic characteristics used to specify individual instances of a trade item, su the best before date, batch number or serial number. 0.1 A batch unites products or items that have undergone or are grouped together undergo the same transformation process, not necessarily a production proce 01 The date before which the product is best used or consumed. It is a statement about quality. 01 Country from which the goods are supplied. 01 The date after which the product should not be used or consumed. Its meanin
	transactionalItemData availableForSaleDate batchNumber bestBeforeDate countryOfOrigin	Type: TransactionalItemDataType Type: data Type: string Type: date Type: CountryCodeType	01 Textual description of the trade item. 01 Dynamic characteristics used to specify individual instances of a trade item, su the best before date, batch number or serial number. 01 Dynamic characteristics used to specify individual instances of a trade item, su the best before date, batch number or serial number. 01 Dynamic characteristics used to specify individual instances of a trade item, su the best before date, batch number or serial number. 01 A batch unites products or items that have undergone or are grouped togethe undergo the same transformation process, not necessarily a production proce 01 The date before which the product is best used or consumed. It is a statement about quality. 01 Country from which the goods are supplied. 01 The date after which the product should not be used or consumed. Its meanin determined based on the trade item context (e.g., for food, the date will indicated item context (e.g., for food, the date will indicated item context (e.g., for food, the date will indicated item context (e.g., for food, the date will indicated item context (e.g., for food, the date will indicated item context (e.g., for food, the date will indicated item context (e.g., for food, the date will indicated item context (e.g., for food, the date will indicated item context (e.g., for food, the date will indicated item context (e.g., for food, the date will indicated item context (e.g., for food, the date will indicated item context (e.g., for food, the date will indicated item context (e.g., for food, the date will indicated item context (e.g., for food, the date will indicated item context (e.g., for fo
	transactionalItemData availableForSaleDate batchNumber bestBeforeDate countryOfOrigin	Type: TransactionalItemDataType Type: data Type: string Type: date Type: CountryCodeType	01 Textual description of the trade item. 01 Dynamic characteristics used to specify individual instances of a trade item, su the best before date, batch number or serial number. 01 Dynamic characteristics used to specify individual instances of a trade item, su the best before date, batch number or serial number. 01 Dynamic characteristics used to specify individual instances of a trade item, su the best before date, batch number or serial number. 01 A batch unites products or items that have undergone or are grouped togethe undergo the same transformation process, not necessarily a production proce 01 The date before which the product is best used or consumed. It is a statement about quality. 01 Country from which the goods are supplied. 01 The date after which the product should not be used or consumed. Its meanin determined based on the trade item context (e.g., for food, the date will indica the possibility of a direct health risk resulting from use of the product after the
	transactionalItemData availableForSaleDate batchNumber bestBeforeDate countryOfOrigin	Type: TransactionalItemDataType Type: data Type: string Type: date Type: CountryCodeType	01 Textual description of the trade item. 01 Dynamic characteristics used to specify individual instances of a trade item, su the best before date, batch number or serial number. 01 Dynamic characteristics used to specify individual instances of a trade item, su the best before date, batch number or serial number. 01 Dynamic characteristics used to specify individual instances of a trade item, su the best before date, batch number or serial number. 01 A batch unites products or items that have undergone or are grouped togethe undergo the same transformation process, not necessarily a production proce 01 The date before which the product is best used or consumed. It is a statement about quality. 01 Country from which the goods are supplied. 01 The date after which the product should not be used or consumed. Its meanin determined based on the trade item context (e.g., for food, the date will indicat 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
	transactionalItemData availableForSaleDate batchNumber bestBeforeDate countryOfOrigin	Type: TransactionalItemDataType Type: data Type: string Type: date Type: CountryCodeType	 01 Textual description of the trade item. 01 Dynamic characteristics used to specify individual instances of a trade item, suge the best before date, batch number or serial number. 01 Dynamic characteristics used to specify individual instances of a trade item, suge the best before date, batch number or serial number. 01 A batch unites products or items that have undergone or are grouped together undergo the same transformation process, not necessarily a production process 01 The date before which the product is best used or consumed. It is a statement about quality. 01 Country from which the goods are supplied. 01 The date after which the product should not be used or consumed. Its meaning determined based on the trade item context (e.g., for food, the date will indicat 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 in the integration of the product after the date). It is a subout the integration of the product after the date). It is not product after the date).
	transactionalitemData availableForSaleDate batchNumber bestBeforeDate countryOfOrigin itemExpirationDate	Type: TransactionalItemDataType Type: data Type: string Type: date Type: CountryCodeType Type: date	01 Textual description of the trade item. 01 Dynamic characteristics used to specify individual instances of a trade item, suctive best before date, batch number or serial number. 01 Dynamic characteristics used to specify individual instances of a trade item, suctive best before date, batch number or serial number. 01 Dynamic characteristics used to specify individual instances of a trade item, suctive best before date, batch number or serial number. 01 A batch unites products or items that have undergone or are grouped together undergo the same transformation process, not necessarily a production process 01 The date before which the product is best used or consumed. It is a statement about quality. 01 Country from which the goods are supplied. 01 The date after which the product should not be used or consumed. Its meaning determined based on the trade item context (e.g., for food, the date will indica 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."
	transactionalItemData availableForSaleDate batchNumber bestBeforeDate countryOfOrigin	Type: TransactionalItemDataType Type: data Type: string Type: date Type: CountryCodeType	 01 Textual description of the trade item. 01 Dynamic characteristics used to specify individual instances of a trade item, such the best before date, batch number or serial number. 01 Dynamic characteristics used to specify individual instances of a trade item, such the best before date, batch number or serial number. 01 A batch unites products or items that have undergone or are grouped together undergo the same transformation process, not necessarily a production process 01 The date before which the product is best used or consumed. It is a statement about quality. 01 Country from which the goods are supplied. 01 The date after which the product should not be used or consumed. Its meaning determined based on the trade item context (e.g., for food, the date will indicat 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

	dangerousGoodsInformation	Type: DangerousGoodsInformationType (see line 262)	0 Hazardous instructions for this snipment item, such as where or now specified packages or containers are to be handled because of restriction from dangerous
	handlingInstruction	Type: HandlingInstructionType (see line 353)	0n Handling instructions for the consignment item. 0n Hazardous instructions for this shipment item, such as where or how specified
	packageTotal	Type: PackageTotalType (see line 351)	0n Aggregate information per type of package included in the shipment item.
	transportReference	Type: TransportReferenceType (see line 352)	0n References to the commercial transaction or to transport or legal documents related to the shipment item.
_	transportCargoCharacteristics	Type: TransportCargoCharacteristicsType (see line 347)	01 Aggregate information on the goods that are included in this shipment item.
			example L (buyer assigned).
	sizeCode	Type: SizeCodeType	0.1 Code specifying the size of an object and the size coding system being applied, for
	descriptiveSize	Type: Description80Type	01 A description of the size of an object.
	size	Type: SizeType	0 The physical dimensions or proportions of the transactional trade item depicted as a code or a description.
	colourDescription	Type: Description80Type	0n A description of a colour of an object.
			Each industry needs to determine which code agency is will use.
	colourCode	Type: ColourCodeType	0.1 A code depicting the colour of an object according to a specified list of code lists.
	colour	Type: ColourType	0n Information specifying the colour of the trade item.
	minimumValue	Type: string	0.1 Specifies the lower limit of the string range.
	maximumValue	Type: string	0.1 Specifies the upper limit of the string range.
	serialNumberRange	Type: StringRangeType	0n The difference or interval between the minimum and maximum value of the serial numbers expressed as a string
	transactionalItemWeight	Type: UnitMeasurementType	0 Weight is a measurement of the gravitational force acting on a transactional object
_	tradeItemQuantity	Type: QuantityType	01 The total number of individual trade items being specified.
			specified environmental conditions and continue to meet all applicable specification requirements and/or remain suitable for its intended function.
	shelfLife	Type: restricted string	01 The length of time a material, substance, product, or reagent can be stored under
	serialNumber	Type: restricted string	0 A unique identifier assigned to a specific trade item.
_	sellByDate	Type: date	products. 0.1 The date before or on which, the product should be sold.
	productQualityIndication	Type: QuantityType	01 Value used to indicate the quality, such as grade or strength, of a specific batch of
	productionDate	Type: date	01 The date that the product was produced.
	packagingDate	Type: data	01 The date on which the packaging of a product took place.

Transport Instruction Consignment message structure and content

Me	ssage elements	Data types, etc.	С	Description
tra	nsportInstructionMessage	Type: TransportInstructionMessageType	1	
	Standard Business Document Header	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 an the version number of the document, identifies the message set sent together wit on SBDH and the version number of the document(s) contained.
	HeaderVersion	Type: string	1	Version number of the SBDH standard used.
	Sender	Type: Partner	1n	Sender of the message, party representing the organization which created the standard business document.
	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.
	ContactInformation	Type: ContactInformation	0n	Contact information for contact person or department. The element although optional, should be used, if possible.
	Contact	Type: string	1	Name of contact person or department. Although optional, should be used, if possible.
	EmailAddress	Type: string		Email address of contact person or department according to ITU-T Recommendation E.123.
	FaxNumber	Type: string		Fax number of contact person or department according to ITU-T Recommendation E.123.
	TelephoneNumber	Type: string	01	Telephone number of contact person or department according to ITU-T Recommendation E.123.
	ContactTypeIdentifier	Type: string	01	The role of the contact person or department, e.g. EDI coordinator.
	Receiver	Type: Partner (see line 5)	1n	Receiver of the message, party representing the organization which receives the standard business document.
	Identifier	Type: PartnerIdentification	1	A unique identification key for the Receiver 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.
	ContactInformation	Type: ContactInformation	0n	Contact information for contact person or department. The element although optional, should be used, if possible.
	Contact	Type: string		Name of contact person or department. Although optional, should be used, if possible.
	EmailAddress	Type: string		Email address of contact person or department according to ITU-T Recommendation E.123.
	FaxNumber	Type: string	01	Fax number of contact person or department according to ITU-T Recommendati E.123.
	TelephoneNumber	Type: string	01	Telephone number of contact person or department according to ITU-T Recommendation E.123.
	ContactTypeIdentifier	Type: string	0.4	The role of the contact person or department, e.g. EDI coordinator.

	ocumentIdentifi	cation	Type: DocumentIdentification	1	Identification information for the document
	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"
	TypeVersion		Type: string	1	The version number of the XSD schema used in the payload of the message
	Instancelden	ifier	Type: string	1	Identifies the instance of the transport instruction message. This identifier identifie
					thisdocument as being distinct from others.
	Туре		Type: string	1	Identifies the type of the document, e.g. "Transport Instruction"
	MultipleType		Type: boolean	01	TRUE if many different document types after the same header. Will not be used.
	CreationDate	AndTime	Type: dateTime	1	The update time of this submission, e.g. 2006-03-23T01:00:78.000+02:00
M	anifest		Type: Manifest	01	Attachments to the instruction. Will not be used.
	NumberOfIte	ms	Type: integer	1	
	ManifestItem		Type: ManifestItem	1n	
		peQualifierCode	Type: MimeTypeQualifier	1	
		ResourceIdentifier	Type: anyURi	1	
	Descript	ion	Type: string	01	
	Languag		Type: Language	01	
Bu	sinessScope		Type: BusinessScope		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.
	Scope		Type: Scope	0n	
	ScopeAt	tributes	Group	1	
	Тур		Type: string	1	Name of XSD profile used.
		anceldentifier	Type: string	1	Leave empty
		ntifier	Type: string	01	
		ormation	Type: anyType	0n	
		inessService	SubstitutionGroup	01	
		BusinessServiceName	Type: string	01	
		ServiceTransaction	ServiceTransaction	01	
		ScopeInformation	Substitution Group: anyType	01	
	Cor	relationInformation	SubstitutionGroup	01	
	[<u></u>	RequestingDocumentCreationDateTime	Type: dateTime	01	
		RequestingDocumentInstanceIdentifier	Type: string	01	
		ExpectedResponseDateTime	Type: dateTime	01	
		ScopeInformation	Substitution Group: anyType	01	
_				0.12	
ransport	Instruction		Type: TransportInstructionType	1n	The main objectives of the Transport Instruction are to communicate and share th
					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.
	nentType		Extention base	1	
Docum			Type: dateTime	1	Date and time when the document was created.
Docum			Enum type: DocumentStatusEnumerationType	1	Indicates if the document is a copy or an original.
cre	eationDateTime	ode	1=		
cre do	eationDateTime ocumentStatusC		Enum type: DocumentActionEnumerationType	0 1	Code specifying the action to be taken in the system of the recipient using the
cre do	eationDateTime		Enum type: DocumentActionEnumerationType	01	Code specifying the action to be taken in the system of the recipient using the information in the document
do do	eationDateTime ocumentStatusC ocumentActionC	ode			information in the document.
do do	eationDateTime ocumentStatusC	ode	Enum type: DocumentActionEnumerationType Type: string		information in the document. Specification of the version of the standard on which the structure of the document
do do	eationDateTime ocumentStatusC ocumentActionC ocumentStructu	ode reVersion	Type: string	01	information in the document. Specification of the version of the standard on which the structure of the documer is based, for example 3.0.
do do do las	eationDateTime ocumentStatusC ocumentActionC	ode reVersion		01	information in the document. Specification of the version of the standard on which the structure of the document

trans	nsportInstructionIdentification	Type: EntityIdentificationType	1	The identification of the transport instruction document.
e	entityIdentification	Type: restricted string	1	The unique identifier of the piece of information, such as the object id or the document id.
c	contentOwner	Type: PartyldentificationType	01	Uniquely identifies the creator of the entity identification.
	gin	Type: GLNType	1	Global Location Number (GLN), the GS1 key used for the identification of partie locations.
	additionalPartyIdentification	Type: AdditionalPartyIdentificationType	0n	Identification of a party by use of a code other than the Global Location Number
	n en entre star stiene Franzis e		4	
trans	nsportInstructionFunction	Enum type: TransportInstructionFunctionEnumerationType	1	The transport instruction function identifies whether the transport instruction i consignment-based or shipment-based.
logist	isticServicesSeller	Type: TransactionalPartyType	1	A party that provides logistics services to another party.
	gin	Type: GLNType	01	Global Location Number (GLN), the GS1 key used for the identification of partie locations.
	additionalPartyIdentification	Type: AdditionalPartyIdentificationType	0n	Identification of a party by use of a code other than the Global Location Number
	address	Type: AddressType	01	Address of the party involved in the business transaction.
	city	Type: restricted string	01	Text specifying the name of the city.
	cityCode	Type: restricted string	01	Identifier for a city, expressed as a short code rather than the full name
	countryCode	Type: CountryCodeType	01	
	countyCode	Type: restricted string	01	A code that identifies a county. A county is a territorial division in some countr
				forming the chief unit of local administration. In the US, a county is a political a
				administrative division of a state. Will not be used.
	crossStreet	Type: restricted string	01	A street intersecting a main street (usually at right angles) and continuing on b
				sides of it. Will not be used.
	currencyOfPartyCode	Type: CurrencyCodeType	01	Code specifying the currency of an addressed party. Will not be used.
	languageOfThePartyCode	Type: LanguageCodeType	01	Code specifying the language of an addressed party. Will not be used.
	name	Type: restricted string	01	The name of the party expressed in text.
	pOBoxNumber	Type: restricted string	01	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
	postalCode	Type: restricted string	01	Text specifying the postal code for an address.
	state	Type: restricted string		
	streetAddressOne	Type: restricted string		The first free form line of an address, This first part is printed on paper as the
				line below the name. For example, the name of the street and the number in t
				street or the name of a building.
	streetAddressTwo	Type: restricted string	01	The second free form line of an address, This second part is printed on paper
				second line below the name. The second free form line complements the first
				form line to locate the party e.g. floor number, name of a building, suite numb
	geographicalCoordinates	Type: GeographicalCoordinatesType	01	Geographical coordinates for the address.
	latitude	Type: restricted string	1	Angular distance North or South from the earth's equator measured through S
				degrees.
	longitude	Type: restricted string	1	The arc or portion of the earth's equator intersected between the meridian of
				given place and the prime meridian and expressed either in degrees or in time
	contact	Type: ContactType	01	Person or department that can be contacted regarding the business transactio
	contactTypeCode	Type: ContactTypeCodeType		Code specifying the function or role of a contact.
	personName	Type: restricted string	01	The name of the individual that can be contacted to provide additional inform
	departmentName	Type: restricted string	01	The name of the department that can be contacted to provide additional
				information.
	jobTitle	Type: restricted string		The job title of the person that can be contacted.
	responsibility	Type: Description70Type	0n	Text further specifying the area of responsibility of the trade contact. Will not b
				used.

4	communicationChannel	Type: CommunicationChannelType	0 The channel or manner in which a communication can be made with the contact, such as telephone or email.
5	communicationChannelCode	Type: CommunicationChannelCodeType	1 Code specifying the type of communication channel, for example TELEPHONE.
•	communicationValue	Type: restricted string	 Text identifying the endpoint for the communication channel, for example a telephone number or an email address.
	afterHoursCommunicationChannel	Type: CommunicationChannelType (see line 84)	 0 The channel or manner in which a communication can be made with the contact after regular office hours.
3	dutyFeeTaxRegistration	Type: DutyFeeTaxRegistrationType	0n The registration details of a party related to a particular duty, tax or fee.
	dutyFeeTaxRegistrationID	Type: IdentifierType	1 Identifier of the party for this particular duty, fee or tax.
	duryFeeTaxTypeCode	Type: DuryFeeTaxTypeCodeType	1 Code specifying the type of duty, fee or tax.
	dutyFeeTaxAgencyName	Type: restricted string	0.1 Agency responsible for the collection of this duty, fee or tax.
	dutyFeeTaxDescription	Type: Description80Type	01 Textual description of this duty, fee or tax.
	organisationDetails	Type: OrganisationType	01 Information about the legal organisation of the party involved in the business transaction.
	organisationName	Type: restricted string	1 The official name of the organisation.
	issuedCapital	Type: AmountType	01 The amount of the issued capital. Will not be used.
	legalStructure	Type: Description80Type	01 Description of the type of legal structure of the organisation. Will not be used.
	officialAddress	Type: AddressType (see line 61)	01 The address where the organisation is officially based.
	legalRegistration	Type: LegalRegistrationType	0n The registration details of an organisation in a particular legal register.
	legalRegistrationNumber	Type: restricted string	1 Unique identifier of the organization in the legal register.
)	legalRegistrationType	Type: LegalRegistrationCodeType	1 Code specifying the type of legal register.
	financialInstitutionInformation	Type: FinancialInstitutionInformationType	0n Information on the financial institution(s) where the party holds an account.
2	financialInstitutionName	Type: restricted string	01 The name of the account holder's financial institution.
3	financialInstitutionBranchName	Type: restricted string	01 The name of a division or location of the account holder's financial institution.
	financialAccount	Type: FinancialAccountType	01 Information identifying a client's financial account with a financial institution.
	financialAccountNumber	Type: restricted string	1 Text specifying the number of the financial account.
;	financialAccountNumberTypeCode	Type: FinancialAccountNumberTypeCodeType	1 Identifies the type of financial account number.
	financialAccountName	Type: restricted string	01 Text specifying the name of the financial account.
;	financialRoutingNumber	Type: FinancialRoutingNumberType	01 Provides the Routing Number for the Financial Institution.
	financialRoutingNumber	Type: restricted string	 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.
)	financialRoutingNumberTypeCode	Type: FinancialRoutingNumberTypeCodeType	1 Code specifying the type of financial routing, e.g. SWIFT.
L	additionalFinancialInformation	Type: MultiDescription70Type	01 A description used to provide any additional information about a financial institution. Will not be used.
2	description	Type: Description70Type	1n Text content of the description. Will not be used.
3	address	Type: AddressType (see line 61)	01 Address of the financial institution involved in the business transaction.
4	logisticServicesBuyer	Type: TransactionalPartyType (see line 58)	1 A party that purchases logistics services from another party.
	gin	Туре: GLNTуре	01 Global Location Number (GLN), the GS1 key used for the identification of parties a locations.
5	billTo	Type: TransactionalPartyType (see line 58)	01 Identifies the party who will receive the invoice for the transport services. Synony Invoicee.

ansportInstructionConsignment	Type: TransportInstructionConsignmentType	0n Provides the information on a consignment contained in this transport instruction
ConsignmentIdentification	Type Extention base	1
ginc	Type: GINCType	1 The GS1 Global Identification Number for Consignment (GINC) key used for the
		identification of consignments
additionalIndividualAssetIdentification	Type: AdditionalConsignmentIdentificationType	0n Identifier of the consignment specified in addition to the GINC.
parentConsignmentID	Type: ConsignmentIdentificationType (see line 117)	01 Reference to another consignment that contains this consignment (and severa
		other consignments).
transportInstructionStatusCode	Enum type: TransportInstructionStatusEnumerationType	01 Code specifying the instruction status of this consignment.
transportInstructionStatusDescription	Type: Description70Type	01 Specify transport instruction status
transportInstructionStatusReasonCode	Type: TransportInstructionStatusReasonCodeType	01 Code specifying the instruction status reason for this consignment.
transportInstructionStatusReasonDescription	Type: Description70Type	01 Textual description of the instruction status reason for this consignment.
note	Type: String 500Type	01 Free text used to convey information that is not processed by applications. On
		meant to present the information to a user as on a screen, in a browser, etc.
consignor	Type: TransactionalPartyType (see line 58)	1 The party despatching a consignment of goods.
gln	Type: GLNType	01 Global Location Number (GLN), the GS1 key used for the identification of partie
		locations.
consignee	Type: TransactionalPartyType (see line 58)	1 The party receiving a consignment of goods.
gln	Type: GLNType	01 Global Location Number (GLN), the GS1 key used for the identification of partie
		locations.
notifyParty	Type: TransactionalPartyType (see line 58)	0n The party which needs to be informed regarding the consignment information
		fulfill the end to end transportation process.
gln	Type: GLNType	01 Global Location Number (GLN), the GS1 key used for the identification of partic
		locations.
pickUpParty	Type: TransactionalPartyType (see line 58)	01 Identification of the physical location from where goods will be picked up for
dh	Tuno: CINTuno	delivery. 01 Global Location Number (GLN), the GS1 key used for the identification of partic
gln	Type: GLNType	locations.
dropOffParty	Type: TransactionalPartyType (see line 58)	01 Identification of the physical location to where goods will be or have been ship
diopoliparty	Type: TransactionalPartyType (see line 56)	01 Identification of the physical location to where goods will be of have been ship
gin	Type: GLNType	0.1 Global Location Number (GLN), the GS1 key used for the identification of partie
8	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	locations.
exportAgent	Type: TransactionalPartyType (see line 58)	0.1 Identification of and additional information about a party involved in a busine
		transaction, such as "order" or invoice".
importAgent	Type: TransactionalPartyType (see line 58)	0.1 Identification of and additional information about a party involved in a busine
		transaction, such as "order" or "invoice".
transportInstructionTerms	Type: TransportInstructionTermsType	1 The agreed transport service conditions for this consignment.
transportServiceCategoryType	Type: TransportServiceCategoryCodeType	1 Code specifying the type of transport service that will be provided. For example
		Courier service.
transportCollectChargeAmount	Type: AmountType	01 The total monetary value of all freight and other service charges which are to b
		collected from the consignee at or after delivery of the goods.
transportPaymentMethodTypeCode	Type: TransportPaymentMethodCodeType	0.1 The method of payment for the transport and service charges.
transportPickUpChargeAmount	Type: AmountType	0.1 The total monetary value of all freight and other service charges which are to b
		collected from the consignor at or after pick-up of the goods.
transportServiceConditionType	Type: TransportServiceConditionTypeCodeType	0.1 Code specifying the type of contractual conditions applicable to these transport
		terms
transportServiceLevelCode	Type: TransportServiceLevelCodeType	0.1 Specifies the level of service. E.g. EXPRESS SERVICE

logisticService	Type: LogisticServiceType	0n	Details on the additional services agreed as part of the transport instruction terms.
logisticServiceRequirementCode	Type: LogisticServiceRequirementCodeType	1	Code specifying the type of service required.
cashOnDeliveryAmount	Type: AmountType	01	Monetary amount applicable in case the logistic services provider is requested
			collect the payment for the delivered goods.
insuranceValue	Type: AmountType	01	Monetary amount applicable in case the logistic service provider is requested to
			arrange the insurance of the delivered goods.
logisticServiceChargeAmount	Type: AmountType	01	Monetary amount to be paid to the logistic service provider as compensation for
			the provided service.
transportCargoCharacteristics	Type: TransportCargoCharacteristicsType	1	Aggregate information on the goods that are contained in this consignment.
cargoTypeCode	Type: CargoTypeCodeType	1	Code specifying the classification of a type of cargo for example hazardous cargo.
harmonizedSystemCode	Type: HarmonizedSystemCodeType	0 1	Code specifying the cargo according to the Harmonised Commodity Description and
namonizeusystemeode	Type. That monized system code type	01	Coding System (HS) of tariff nomenclature, developed and maintained by the Work
		0.1	Customs Organization (WCO).
cargoTypeDescription	Type: Description200Type		Free text specifying the classification of a type of cargo.
countryOfOriginCodet	Type: CountryCodeType		The country where this transport cargo has been manufactured.
finalDestinationCountry	Type: CountryCodeType	01	The country considered to be the final destination for this transport cargo, for
			regulatory compliance purposes.
totalGrossVolume	Type: MeasurementType	01	A measure of the volume, normally calculated by multiplying the maximum length,
			width, and height of the packaged goods.
totalGrossWeight	Type: MeasurementType	01	A measure of the mass of the goods including the weight of transport packaging,
			and potentially the weight of any transport equipment.
totalTransportNetWeight	Type: MeasurementType	01	A measure of the mass of the goods excluding the weight of transport packaging
			and excluding the weight of any transport equipment.
totalChargeableWeight	Type: MeasurementType	01	Measure of the weight on which freight charges may be calculated for this transpor
			cargo.
declaredWeightForCustoms	Type: MeasurementType	01	Measure of the weight of the goods for customs declaration purposes.
totalLoadingLength	Type: MeasurementType		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.
associatedInvoiceAmount	Type: AmountType	01	The commercial value of the cargo.
declaredValueForCustoms	Type: AmountType		The monetary value declared for customs purposes for this transport cargo.
totalPackageQuantity	Type: QuantityType		Total number of logistic units (e.g. pallets) in this transport cargo.
totalltemQuantity	Type: QuantityType		The number of trade items on which freight charges may be calculated for this
		0.12	transport cargo
plannedPickUp	Type: LogisticEventType	01	Details on the planned collection of the consignment.
logisticEventTypeCode	Type: LogisticEventTypeCodeType	01	Code specifying the type of logistic event. Example: Customs clearance. Will not be used.
logisticEventDuration	Type: TimeMeasurementType	01	Measurement value specifying the duration of the logistic event. Will not be used.
logisticLocation	Type: LogisticLocationType	01	The location where the logistic event occurs.
unLocationCode	Type: UNLocationCodeType		UN/LOCODE 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.
gln	Type:GLNType	0 1	The GS1 global location number (GLN) of this logistic location.
additionalLocationIdentification	Type: IdentifierType		
additionalLocationidentification	Type. Identifier Type	Un	Identification of a location by use of a code other than the Global Location Number

sul	blocationIdentification	Type: resricted string	01	Text further specifying the exact logistic location. For example: dock door, department, building.
loc	ationName	Type: resricted string	01	The name of this logistic location.
loc	ationSpecificInstructions	Type: Description200Type		Instructions related to the pick-up or drop-off of goods at this location.
	coffset	Type: float		Numeric value specifying the time zone of the location as offset from the Coordinated Universal Time (UTC).
ad	dress	Type: AddressType (see line 61)	01	Address details of this logistic location.
	ntact	Type: ContactType (see line 78)		Person or department that can be contacted at this logistic location.
	gularOperatingHours	Type: OperatingHoursType		The period during which a business or facility is operational on a weekday.
102	dayOfTheWeekCode	Type: DayOfTheWeekEnumerationType	1	Code specifying the day of the week to which the operating hours apply.
	isOperational	Type: boolean	1	Indicator specifying whether or not the business or facility is operational on the specified day.
	closingTime	Type: time	01	Time on which the business or facility closes on the specified day.
	openingTime	Type: time		Time on which the business of facility opens on the specified day.
sp	ecialOperatingHours	Type: SpecialOperatingHoursType		holidays.
	isOperational	Type: boolean	1	Indicator specifying whether or not the business or facility is operational on th specified day.
	specialDate	Type: date	1	Date specifying the day to which the special operating hours apply.
	closingTime	Type: time	01	Time on which the business or facility closes on the specified day.
	openingTime	Type: time	01	Time on which the business or facility opens on the specified day.
	specialDateName	Type: Description80Type	01	Text describing the day to which the special operating hours apply. Example: Christmas.
logistic	ventPeriod	Type: DateTimeRangeType	01	The timeframe during which the logistic event occurs.
be	ginDate	Type: date	01	Date specifying the first day for the date time range.
Be	ginTime	Type: time	01	Time specifying the start time for the date time range.
	dDate	Type: date		Date specifying the last day for the date time range.
	dTime	Type: time		Time specifying the end time for the date time range.
logistic	EventDateTime	Type: DateOptionalTimeType		The date and time on which the logistic event occurs.
da		Type: date	1	The specification of a day as calendar date.
tim		Type: time	01	The specification of a point in time during the day.
 plannedDro		Type: LogisticEventType (see line 165)		Details on the planned delivery of the consignment.
 -	structionTransportMovement	Type: TransportInstructionTransportMovementType		
	ceNumber	Type: positiveInteger	1	Unique number identifying the sequence of this transport movement with resp to the other specified movements.
transpo	rtModeTypeCode	Type: TransportModeCodeType	1	Code specifying the transportation mode used for this transport movement.
routeID		Type: IdentifierType	01	Unique identifier of the standard route that will be used for this transport movement.
carrier		Type: TransactionalPartyType (see line 58)	01	A party that physically transports goods from one place to another.
transpo	rtStatus Responsible Party	Type: TransactionalPartyType (see line 58)		Party in charge of collecting and forwarding the information about the transpo movement.
transpo	rtMeans	Type: TransportMeansType	01	The type of vehicle, aircraft, vessel or other device used for the transport of go in this transport movement.
tra	nsportMeansType	Type: TransportMeansTypeCodeType	1	Code specifying the type of vehicle, aircraft, vessel or other device used for the transport of goods.
tra	nsportMeansID	Type: TransportMeansIdentifyerType	01	The unique identifier of a particular means of transport. E.g. A license plate nu or vessel id.
tra	nsportMeansName	Type: restricted string	01	The name, expressed as text, of a particular means of transport. E.g. The vesse name.
col	mmunicationChannel	Type: CommunicationChannelType (see line 205)	0n	The channel or manner in which a communication can be made with the trans means. E.g. telephone or email.

09	plannedDeparture	Type: LogisticEventType (see line 165)	01 Details on the planned departure of the transport means.
	logisticLocation	Type: LogisticLocationType	01 The location where the logistic event occurs.
	address	Type: AddressType (see line 61)	01 Address details of this logistic location.
	city	Type: restricted string	01 Text specifying the name of the city.
	logisticEventDateTime	Type: DateOptionalTimeType	01 The date and time on which the logistic event occurs.
_	date	Type: date	1 The specification of a day as calendar date.
_	time	Type: time	01 The specification of a point in time during the day.
0	plannedArrival	Type: LogisticEventType (see line 165)	01 Details on the planned arrival of the transport means.
0	logisticLocation	Type: LogisticLocationType	0.1 The location where the logistic event occurs.
_	address	Type: AddressType (see line 61)	0.1 Address details of this logistic location.
_	city	Type: restricted string	01 Text specifying the name of the city.
_			
1	plannedWaypoint	Type: LogisticEventType (see line 165)	0n 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,
2	associatedPerson	Type: PersonType	0n The name and/or identification of an individual associated with this transport
_			movement.
L	personName	Type: string	1 Text used to identify the person, such as the family name and given name.
2	dateOfBirth	Type: date	01 Calendar date on which the person was born.
3	gender	Type: GenderEnumerationType	01 Code specifying the sex of the person.
1	nationality	Type: CountryCodeType	0n Code specifying the nation the person belongs to by birth or naturalization.
5	identityDocument	Type: IdentityDocumentType	0 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
;	identityDocumentNumber	Type: string	identity card (IC). 1 Unique identifier in this identity document, intended to identify a particular person
7	identityDocumentType	Type: IdentityDocumentTypeCodeType	1 Code specifying the type of identity document.
;	identityDocumentIssuer	Type: string	01 Text specifying the issuer of the identity document.
Ð	deliveryTerms	Type: DeliveryTermsType	01 The applicable legal, customs, financial and insurance terms that have been agreed for the delivery of the consignment.
0	incotermsCode	Type: IncotermsCodeType	01 Code specifying the incoterms. Incoterms is an abbreviation for International
			Commercial Terms. The International Chamber of Commerce manages the
			Incoterms codes and their definitions.
1	alternateDeliveryTermsCode	Type: CodeType	01 Code specifying the delivery terms according to a system other than the Incoterms
2	deliveryInstructions	Description500Type	01 Instructions on the final delivery of the goods.
3	deliveryTermsLocation	Type:LogisticLocationType (see line 168)	01 Location that is applicable to these delivery terms, such as the Free On Board (FOB

packageT	otal	Type: PackageTotalType	0n	Aggregate information per type of package contained in the consignment.
packa	ageTypeCode	Type: PackageTypeCodeType	1	The code specifying the type of logistics package.
totall	PackageQuantity	Type: positiveInteger	1	The total number of units of this package type.
total	GrossVolume	Type: MeasurementType	01	A measure of the gross volume normally calculated by multiplying the maximum
				length, width, and height of this package type.
total	GrossWeight	Type: MeasurementType	01	A measure of the gross weight (mass) of this package which includes the weight
				packaging but which excludes the weight of any transport equipment.
retur	rnablePackaging	Type: ReturnablePackagingType	0n	Provides detailed information for the administration of returnable packaging.
	packagingQuantity	Type: positiveInteger	1	The number of packaging units (that are returnable).
	newHolderRegistration	Type: IdentifierType	01	Identification of the party the returnable packaging is being transferred to.
	currentHolderRegistration	Type: IdentifierType	01	Identification of the current administrative holder of the returnable packaging.
	returnableAssetIdentification	Type: ReturnableassetIdentificationType	1	Information used to identify the returnable packaging.
	grai	Type: GRAIType	1	Global Returnable Asset Identifier (GRAI), the GS1 key used for the identification
				returnable assets.
	additional Returnable Asset I dentification	Type: AdditionalReturnableassetIdentificationType	0n	The additional identification key used to identify returnable assets.
			1	· · · · ·
ontained	dShipmentReference	Type: ShipmentIdentificationType	0n	Information used to identify a shipment.
gsin		Type: GSINType	1	Global Shipment Identification Number (GSIN), the GS1 key used for the
Ŭ				identification of shipments.
addit	tionalShipmentIdentification	Type: AdditionalShipmentIdentificationType	0n	Additional identification key used to identify a shipment.
	tReference	Type: TransportReferenceType	0n	References to the commercial transaction or to transport or legal documents
			-	related to the consignment.
Docu	ImentReferenceType	Extention base	1	
	EntityIdentificationType	Extention base: EntityIdentificationType (see line 52)	1	
	creationDateTime	Type: dateTime	01	Date and time of creation of the referenced document.
	lineltemNumber	Type: nonNegativeInteger		Number specifying a line in the referenced document.
-	sportReferenceTypeCode	Type: TransportReferenceTypeCodeType	1	Code specifying the type of information that is being referred to.
	llingInstruction	Type:HandlingInstructionType	0n	Instruction on the way to treat the goods during transport and storage.
	handlingInstructionCode	Type:HandlingInstructionCodeType	01	Code specifying an instruction applicable to the transport or storage of goods.
	handlingInstructionText	Type: Description500Type		Free text instruction applicable to the transport or storage of goods.
	printingInstructionCode	Type:PrintingInstructionCodeType		Code specifying the document on which the specified information needs to be
	printinginstructioncode	rype. Thirding instruction code rype	01	printed.
	storageTemperature	Type: TemperatureRangeType	01	The minimum and maximum temperature applicable to the storage of goods.
	maximumTemperature	Type: TemperatureMeasurementType		Specifies the upper limit of the temperature range.
	minimumTemperature	Type: TemperatureMeasurementType		Specifies the lower limit of the temperature range.
langerou	usGoodsInformation	Type: DangerousGoodsInformationType	01 0n	Hazardous instructions for this consignment, such as where or how specified
uangerou		Type. Dangerousdoousinormation ype	01	packages or containers are to be handled because of restriction from dangerous
				goods.
dang	gerous Goods UNI dentifier	Type: IdentifierType	1	Number to identify hazardous substances or articles, as defined by United National Number to identify hazardous substances or articles.
uang	elousdoousonidentinel	Type. Identifier Type	1	Committee of Experts on the Transport of Dangerous Goods.
dang	arousCoodsChinningNamo	Tuno: Description200Tuno	1	Shipping name of the trade item (dangerous goods). Regulations provide a list of
uang	gerousGoodsShippingName	Type: Description200Type	1	
dang	vorousCoodsToshnisalNamo	Type: Description200Type	0.1	acceptable proper shipping names. A technical name provided for a hazardous good by an organisation or regulatic
	gerous Goods Technical Name	Type: Description2007ype	01	
	gerousGoodsDescription			Description of the hazardous materials.
conta		Type: ContactType (see line 173)		A contact in relation to the handling of hazardous materials.
dang	erous Goods Regulation Information	Type: DangerousGoodsRegulationInformationType	0n	Hazardous instructions applicable to delivered goods according to a particular
			-	dangerous goods regulation.
	dangerousGoodsRegulationCode	Type: DangerousGoodsRegulationCodeType	1	An indication of the classification system of dangerous goods and/or the Agence
				responsible for it.
	dangerousGoodsRegulationName	Type: restricted string	01	The name of the classification system of dangerous goods and/or the Agency
			1	responsible for it.

dangerousGoodsHazardClass	Type: restricted string	1 The name of the class within the classification of hazardous materials for examp Class A.
dangerousGoodsPackingGroup	Type: restricted string	01 Identifies the degree of risk these dangerous goods present during transport
uangerousooousrackingeroup	Type. Testricted string	according to the specified regulation.
dangerousGoodsAttribute	Type: DangerousGoodsAttributeType	0n Hazardous instructions attribute details specific to a particular dangerous goods
dangerousGoodsAttributeTypeCode	Type: DangerousGoodsAttributeTypeCodeType	regulation. 1 Code specifying the type of dangerous goods attribute.
dangerousGoodsAttributeTypeCode	Type: restricted string	01 Textual value of the dangerous goods attribute.
dangerousGoodsAttributeText	Type: MeasurementType	01 Provides measurement value and an associated unit of measure code.
dangerousGoodsAttributeIndicator	Type: boolean	01 Boolean value of the dangerous goods attribute.
dangerousGoodsAttributeIndicator	Type: dateTime	01 Date time value of the dangerous goods attribute.
includedTransportMeans	Type: TransportMeansType (see line 204)	0 Details on the transport means contained in the consignment, such as trucks bei
	Type: Transportivieans Type (see line 204)	transported on a ferry.
includedTransportEquipment	Type: TransportInstructionTransportEquipmentType	0n Details on the transport equipment contained in the consignment.
TransportEquipmentType Extention base	Type Extention base	
transportEquipmentTypeCode	Type: CodeType	1 Code specifying the transport equipment size and type.
returnableAssetTypeIdentification	Type: ReturnableAssetIdentificationType	01 The returnable asset identifier for the type of transport equipment.
individualReturnableAssetIdentification	Type: ReturnableAssetIdentificationType	0n The returnable asset identifier for an individual piece of transport equipment.
individualAssetIdentification	Type: IndividualAssetIdentificationType	0n The individual asset identifier for an individual piece of transport equipment.
giai	Type: GIAIType	1 Global Individual Asset Identifier (GIAI), the GS1 key used for the identification o
		individual assets.
additionalIndividualAssetIdentification	Type: AdditionalIndividualAssetIdentificationType	0n Identifier of the asset, specified in addition to the GIAI.
transportEquipmentWeight	Type: MeasurementType	01 A measure of the mass of this type of transport equipment.
transportEquipmentProviderPartyRole	Type: TransportPartyRoleCodeType	01 The code specifying the role of the party responsible for supplying this piece of
		logistics transport equipment. 01 The physical location from where the equipment will be collected.
pickUpLocation	Type:LogisticLocationType (see line 168)	
returnLocation transportSeal	Type:LogisticLocationType (see line 168) Type: TransportSealType	01 The physical location to where the equipment will be returned. 01 Details on the seal affixed to this piece of transport equipment.
sealldentification		1 Provides the seal number or identification of the seal.
	Type: IdentifierType	
sealTypeCode	Type: SealTypeCodeType	
sealAffixingPartyRole	Type: TransportPartyRoleCodeType	01 The code specifying the role of the party responsible for the sealing of this trans seal.
sealConditionCode	Type: SealConditionCodeType	01 The code specifying the working condition of a seal. E.g. Damaged.
dimension	Type: DimensionType	01 The linear dimensions of this type of transport equipment.
depth	Type: MeasurementType	1 Measurement of the distance between the front and the back.
height	Type: MeasurementType	1 The vertical dimension from the lowest extremity to the highest extremity.
width Type: MeasurementType 1		The measurement of the extent of something from side to side. Width is the
		measurement from left to right.
passengerInformation	Type: PassengerInformationType	0n Details on persons travelling together with the consignment, for example a guar
numberOfPassengers	Type: positiveInteger	1 The number of persons being transported.
passengerCategoryCode	Type: PassengerCategoryCodeType	01 Code specifying the role, function or other main characteristic categorizing the ty of passenger.
passengerTariffGroup	Description80Type	0.1 Text describing the tariff group of the transported passengers.
person	Type: PersonType (see line 212)	0n Information on the individual persons travelling as passengers.
transportInstructionConsignmentItem	Type: TransportInstructionConsignmentItemType	0n A line item included in this consignment of goods.
lineItemNumber	Type: positiveInteger	1 The sequence number for this consignment item.
note	Type: Description500Type	01 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.

argoTypeCode argoTypeDescription ackageTotal pgisticUnit LogisticUnitIdentificationType sscc additionalLogisticUnitIdentification parentLogisticUnitId grossWeight	Type: CargoTypeCodeType Type: Description200Type Type: PackageTotalType (see line 234) Type: LogisticUnitType Extention base Type: SSCCType Type: AdditionalLogisticUnitIdentificationType Type: LogisticUnitType (see line 311)	01 0n 0n 1 1 0n	Code specifying the classification of a type of cargo for example hazardous cargo. Free text specifying the classification of a type of cargo. Aggregate information per type of package included in the consignment item. Information on the logistic unit(s) included in the consignment item. Serial Shipping Container Code (SSCC),the GS1 key used for the identification of logistic units. Additional (non-SSCC) identification attached to a shipping container or shipping
ackageTotal pgisticUnitIdentificationType sscc additionalLogisticUnitIdentification parentLogisticUnitId	Type: PackageTotalType (see line 234) Type: LogisticUnitType Extention base Type: SSCCType Type: AdditionalLogisticUnitIdentificationType	0n 0n 1 1 0n	Aggregate information per type of package included in the consignment item. Information on the logistic unit(s) included in the consignment item. Serial Shipping Container Code (SSCC),the GS1 key used for the identification of logistic units.
pgisticUnitIdentificationType SSCC additionalLogisticUnitIdentification parentLogisticUnitId	Type: LogisticUnitType Extention base Type: SSCCType Type: AdditionalLogisticUnitIdentificationType	0n 1 1 0n	Information on the logistic unit(s) included in the consignment item. Serial Shipping Container Code (SSCC),the GS1 key used for the identification of logistic units.
LogisticUnitIdentificationType sscc additionalLogisticUnitIdentification parentLogisticUnitId	Extention base Type: SSCCType Type: AdditionalLogisticUnitIdentificationType	1 1 0n	Serial Shipping Container Code (SSCC), the GS1 key used for the identification of logistic units.
LogisticUnitIdentificationType sscc additionalLogisticUnitIdentification parentLogisticUnitId	Extention base Type: SSCCType Type: AdditionalLogisticUnitIdentificationType	1 1 0n	Serial Shipping Container Code (SSCC),the GS1 key used for the identification of logistic units.
additionalLogisticUnitIdentification	Type: SSCCType Type: AdditionalLogisticUnitIdentificationType	0n	logistic units.
additionalLogisticUnitIdentification parentLogisticUnitId	Type: AdditionalLogisticUnitIdentificationType	0n	logistic units.
parentLogisticUnitId		0n	5
parentLogisticUnitId			
- 0	Tyme, Locistic UnitTyme (see Jine 211)		package and used for logistical and traceability purposes.
- 0	Type: Logisticunit Type (see line 311)		Reference to the logistic unit that contains this logistic unit.
8	Type: MeasurementType		The weight of the logistic unit including packaging.
packageLevelCode	Type: PackageLevelCodeType		Code specifying the hierarchical level of this logistical unit within a consignment or
			shipment.
packageTypeCode	Type: PackageCodeType	01	Code specifying the type of logistic unit based on its primary packaging.
tradeltemQuantity	Type: QuantityType	01	The number of trade items contained in the logistic unit.
packagingMarking	Type: PackagingMarkingType	0n	Details on the markings present on the packaging of the logistic unit.
markingTypeCode	Type: PackagingMarkingTypeCodeType	1	The code specifying the type of marking on the package for example batch number.
markingContentDateTime	Type: dateTime	01	The value as printed on the packaging, specified as date time value.
markingContentText	Type: restricted string	01	The value as printed on the packaging, specified as text.
referencedTransportEquipment	Type: TransportEquipmentType (see line 281)		Reference to the transport equipment that contains this logistic unit.
returnablePackaging	Type: ReturnablePackagingType (see line 239)	0n	Details on the returnable packaging included in the logistic unit.
dimension	Type: DimensionType (see line 297)	01	The depth, height and width of the logistic unit.
· · · ·			Identification of the transport equipment that contains the consignment item.
ransportReference	Type: TransportReferenceType (see line 249)		References to the commercial transaction or to transport or legal documents
an allin almatum atian	Turas HandlinghatmaticsTura (see line 200)		related to the consignment item.
5			Handling instructions for the consignment item.
angerousGoodsInformation	lype: DangerousGoodsInformationType (see line 262)		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.
2	referencedTransportEquipment returnablePackaging	referencedTransportEquipment Type: TransportEquipmentType (see line 281) returnablePackaging Type: ReturnablePackagingType (see line 239) dimension Type: DimensionType (see line 297) ferencedTransportEquipment Type: TransportEquipmentType (see line 281) ansportReference Type: TransportReferenceType (see line 249) indlingInstruction Type: HandlingInstructionType (see line 255)	referencedTransportEquipment Type: TransportEquipmentType (see line 281) 01 returnablePackaging Type: ReturnablePackagingType (see line 239) 0n dimension Type: DimensionType (see line 297) 01 ferencedTransportEquipment Type: TransportEquipmentType (see line 281) 0n ansportReference Type: TransportEquipmentType (see line 249) 0n undlingInstruction Type: HandlingInstructionType (see line 255) 0n ungerousGoodsInformation Type: DangerousGoodsInformationType (see line 262) 0n

Transport Instruction Response message structure and content

#	Message elements		Data types, etc.	С	Description
2	transportInstructionMessage		Type: TransportInstructionMessageType	1	
3	StandardBusinessDocume	ntHeader	Type: StandardBusinessDocumentHeader		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, identifies the message set sent together with on SBDH and the version number of the document(s) contained.
4	HeaderVersion		Type: string		Version number of the SBDH standard used.
5	Sender		Type: Partner		Sender of the message, party representing the organization which created the standard business document.
6	Identifier		Type: PartnerIdentification		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	Contactin	formation	Type: Contactinformation		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	01	Email address of contact person or department according to ITU-T Recommendation E.123.
10		FaxNumber	Type: string	01	Fax number of contact person or department according to ITU-T Recommendation E.123.
11		TelephoneNumber	Type: string		Telephone number of contact person or department according to ITU-T Recommendation E.123.
12		ContactTypeIdentifier	Type: string	01	The role of the contact person or department, e.g. EDI coordinator.
13	Receiver		Type: Partner (see line 5)		Receiver of the message, party representing the organization which receives the standard business document.
	Identifier		Type: PartnerIdentification		A unique identification key for the Receiver 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.
	Contactin	formation	Type: ContactInformation		Contact information for contact person or department. The element although optional, should be used, if possible.
		Contact	Type: string	1	Name of contact person or department. Although optional, should be used, if possible.
		EmailAddress	Type: string		Email address of contact person or department according to ITU-T Recommendation E.123.
		FaxNumber	Type: string	01	Fax number of contact person or department according to ITU-T Recommendation E.123.
		TelephoneNumber	Type: string		Telephone number of contact person or department according to ITU-T Recommendation E.123.
		ContactTypeIdentifier	Type: string	01	The role of the contact person or department, e.g. EDI coordinator.
14	DocumentIdentificat	ion	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"
16	TypeVersi	on	Type: string	1	The version number of the XSD schema used in the payload of the message
17	Instancelo	lentifier	Type: string	1	Identifies the instance of the transport instruction message. This identifier identifies thisdocument as being distinct from others.
18	Туре		Type: string	1	Identifies the type of the document, e.g. "Transport Instruction"
19	MultipleT	/pe	Type: boolean		TRUE if many different document types after the same header. Will not be used.
20		ateAndTime	Type: dateTime		The update time of this submission, e.g. 2006-03-23T01:00:78.000+02:00

	Manifest			Type: Manifest	01	Attachments to the instruction. Will not be used.
	Numbe	rOfItems		Type: integer	1	
	Manifes	stitem		Type: ManifestItem	1n	
		MimeTypeQua	lifierCode	Type: MimeTypeQualifier	1	
		UniformResou	rceldentifier	Type: anyURi	1	
		Description		Type: string	01	
		LanguageCode	:	Type: Language	01	
BusinessScope			Type: BusinessScope	01	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.	
	Scope			Type: Scope	0n	
		ScopeAttribut	es	Group	1	
		Тур	e	Type: string	1	Name of XSD profile used.
		Inst	anceldentifier	Type: string	1	Leave empty
		Ider	ntifier	Type: string	01	
		ScopeInformation	tion	Type: anyType	0n	This is an abstract element with a substitution group. Will not be used.
		Bus	inessService	SubstitutionGroup	01	
			BusinessServiceName	Type: string	01	
			ServiceTransaction	ServiceTransaction	01	
			ScopeInformation	Substitution Group: anyType	01	
		Cor	relationInformation	SubstitutionGroup	01	
			RequestingDocumentCreationDateTime	Type: dateTime	01	
			RequestingDocumentInstanceIdentifier	Type: string	01	
			ExpectedResponseDateTime	Type: dateTime	01	
			ScopeInformation	Substitution Group: anyType	01	
			scopernormation	Substitution Group, any rype	01	
spo	rtInstruction		Scopermormation	Type: TransportInstructionType		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.
			Scopennormation	Type: TransportInstructionType		arrangements (through the agreed conditions) of the movement of the goods (including
	cumentType		Scopennormation	Type: TransportInstructionType Extention base	1n	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.
				Type: TransportInstructionType Extention base Type: dateTime	1n	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. Date and time when the document was created.
	cumentType creationDateTime	ode		Type: TransportInstructionType Extention base	1n 1 1 1 1	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. Date and time when the document was created. Indicates if the document is a copy or an original.
	cumentType creationDateTime documentStatusCo	ode ode		Type: TransportInstructionType Extention base Type: dateTime Enum type: DocumentStatusEnumerationType	1n 1 1 1 1 01	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. Date and time when the document was created. Indicates if the document is a copy or an original. Code specifying the action to be taken in the system of the recipient using the information the document. Specification of the version of the standard on which the structure of the document is base
	cumentType creationDateTime documentStatusCc documentActionCc	ode ode eVersion		Type: TransportInstructionType Extention base Type: dateTime Enum type: DocumentStatusEnumerationType Enum type: DocumentActionEnumerationType	1n 1 1 1 01 01	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. Date and time when the document was created. Indicates if the document is a copy or an original. Code specifying the action to be taken in the system of the recipient using the information the document.
	cumentType creationDateTime documentStatusCo documentActionCo documentStructur	ode ode eVersion		Type: TransportInstructionType Extention base Type: dateTime Enum type: DocumentStatusEnumerationType Enum type: DocumentActionEnumerationType Type: string Type: dateTime	1n 1 1 1 01 01	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. Date and time when the document was created. Indicates if the document is a copy or an original. Code specifying the action to be taken in the system of the recipient using the information the document. Specification of the version of the standard on which the structure of the document is base for example 3.0. Date and time when the document was last updated.
	cumentType creationDateTime documentStatusCo documentActionCo documentStructur lastUpdateDateTir	ode ode eVersion		Type: TransportInstructionType Extention base Type: dateTime Enum type: DocumentStatusEnumerationType Enum type: DocumentActionEnumerationType Type: string	1n 1 1 1 01 01	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. Date and time when the document was created. Indicates if the document is a copy or an original. Code specifying the action to be taken in the system of the recipient using the information the document. Specification of the version of the standard on which the structure of the document is base for example 3.0.
Dor	cumentType creationDateTime documentStatusCo documentActionCo documentStructur lastUpdateDateTir	ode ode eVersion ne		Type: TransportInstructionType Extention base Type: dateTime Enum type: DocumentStatusEnumerationType Enum type: DocumentActionEnumerationType Type: string Type: dateTime	1n 1 1 1 01 01 01	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. Date and time when the document was created. Indicates if the document is a copy or an original. Code specifying the action to be taken in the system of the recipient using the information the document. Specification of the version of the standard on which the structure of the document is base for example 3.0. Date and time when the document was last updated. Extension point for inclusion of additional information through an extension to the
Dor	cumentType creationDateTime documentStatusCt documentActionCt documentStructur lastUpdateDateTir extension	eVersion entification		Type: TransportInstructionType Extention base Type: dateTime Enum type: DocumentStatusEnumerationType Enum type: DocumentActionEnumerationType Type: string Type: dateTime ExtentionType	1n 1 1 1 01 01 01	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. Date and time when the document was created. Indicates if the document is a copy or an original. Code specifying the action to be taken in the system of the recipient using the information the document. Specification of the version of the standard on which the structure of the document is base for example 3.0. Date and time when the document was last updated. Extension point for inclusion of additional information through an extension to the document. Will not be used.
Doe	cumentType creationDateTime documentStatusCo documentActionCo documentStructur lastUpdateDateTir extension nsportInstructionIde	eVersion entification		Type: TransportInstructionType Extention base Type: dateTime Enum type: DocumentStatusEnumerationType Enum type: DocumentActionEnumerationType Type: string Type: dateTime ExtentionType Type: chateTime ExtentionType Type: chateTime ExtentionType Type: EntityIdentificationType Type: restricted string	1n 1 1 1 1 01 01 01 01 1 1 1 1	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. Date and time when the document was created. Indicates if the document is a copy or an original. Code specifying the action to be taken in the system of the recipient using the information i the document. Specification of the version of the standard on which the structure of the document is base for example 3.0. Date and time when the document was last updated. Extension point for inclusion of additional information through an extension to the document. Will not be used. The identification of the transport instruction document. The unique identifier of the piece of information, such as the object id or the document id.
Dor	cumentType creationDateTime documentStatusCo documentActionCo documentStructur lastUpdateDateTir extension nsportInstructionIde entityIdentification	eVersion entification		Type: TransportInstructionType Extention base Type: dateTime Enum type: DocumentStatusEnumerationType Enum type: DocumentActionEnumerationType Type: string Type: dateTime ExtentionType Type: string Type: dateTime ExtentionType Type: dateTime ExtentionType Type: EntityIdentificationType	1n 1 1 1 1 01 01 01 01 1 1 1 1	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. Date and time when the document was created. Indicates if the document is a copy or an original. Code specifying the action to be taken in the system of the recipient using the information the document. Specification of the version of the standard on which the structure of the document is base for example 3.0. Date and time when the document was last updated. Extension point for inclusion of additional information through an extension to the document. Will not be used. The identification of the transport instruction document.
Dor	cumentType creationDateTime documentStatusCo documentStructur lastUpdateDateTir extension sportInstructionIde entityIdentification contentOwner gln	eVersion ne entification n		Type: TransportInstructionType Extention base Type: dateTime Enum type: DocumentStatusEnumerationType Enum type: DocumentActionEnumerationType Type: string Type: dateTime ExtentionType Type: dateTime ExtentionType Type: cateTime ExtentionType Type: PartyIdentificationType Type: PartyIdentificationType Type: GLNType	1n 1 1 1 01 01 01 01 1 1 1 1 1 1 1 1 1 1 1 1 1	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. Date and time when the document was created. Indicates if the document is a copy or an original. Code specifying the action to be taken in the system of the recipient using the information i the document. Specification of the version of the standard on which the structure of the document is base for example 3.0. Date and time when the document was last updated. Extension point for inclusion of additional information through an extension to the document. Will not be used. The identification of the transport instruction document. The unique identifier of the piece of information, such as the object id or the document id. Uniquely identifies the creator of the entity identification. Global Location Number (GLN), the GS1 key used for the identification of parties and locations.
Dor	cumentType creationDateTime documentStatusCo documentStructur lastUpdateDateTir extension sportInstructionIde entityIdentification contentOwner gln	eVersion entification		Type: TransportInstructionType Extention base Type: dateTime Enum type: DocumentStatusEnumerationType Enum type: DocumentActionEnumerationType Type: string Type: dateTime ExtentionType Type: chateTime ExtentionType Type: chateTime ExtentionType Type: EntityIdentificationType Type: restricted string Type: PartyIdentificationType	1n 1 1 1 01 01 01 01 1 1 1 1 1 1 1 1 1 1 1 1 1	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. Date and time when the document was created. Indicates if the document is a copy or an original. Code specifying the action to be taken in the system of the recipient using the information i the document. Specification of the version of the standard on which the structure of the document is base for example 3.0. Date and time when the document was last updated. Extension point for inclusion of additional information through an extension to the document. Will not be used. The identification of the transport instruction document. The unique identifier of the piece of information, such as the object id or the document id. Uniquely identifies the creator of the entity identification. Global Location Number (GLN), the GS1 key used for the identification of parties and
tra	cumentType creationDateTime documentStatusCo documentStructur lastUpdateDateTir extension sportInstructionIde entityIdentification contentOwner gln	eVersion ne intification n nalPartyIdentification		Type: TransportInstructionType Extention base Type: dateTime Enum type: DocumentStatusEnumerationType Enum type: DocumentActionEnumerationType Type: string Type: dateTime ExtentionType Type: dateTime ExtentionType Type: cateTime ExtentionType Type: PartyIdentificationType Type: PartyIdentificationType Type: GLNType	1n 1 1 1 01 01 01 01 1 1 1 1 1 1 1 1 1 1 1 1 1	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. Date and time when the document was created. Indicates if the document is a copy or an original. Code specifying the action to be taken in the system of the recipient using the information the document. Specification of the version of the standard on which the structure of the document is base for example 3.0. Date and time when the document was last updated. Extension point for inclusion of additional information through an extension to the document. Will not be used. The identification of the transport instruction document. The unique identifier of the piece of information, such as the object id or the document id. Uniquely identifies the creator of the entity identification. Global Location Number (GLN), the GS1 key used for the identification of parties and locations.

gln			
8	Type: GLNType	01	Global Location Number (GLN), the GS1 key used for the identification of parties and
additionalParty/dontification		0 n	locations. Identification of a party by use of a code other than the Global Location Number.
			Address of the party involved in the business transaction.
			Text specifying the name of the city.
	,, , , , , , , , , , , , , , , , , , ,		Identifier for a city, expressed as a short code rather than the full name
			Code specifying the country for the address.
			A code that identifies a county. A county is a territorial division in some countries, for
countycouc	Type: restricted string		the chief unit of local administration. In the US, a county is a political and administration
			division of a state. Will not be used.
crossStreet	Type: restricted string	01	A street intersecting a main street (usually at right angles) and continuing on both side
	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Will not be used.
currencyOfPartyCode	Type: CurrencyCodeType	01	Code specifying the currency of an addressed party. Will not be used.
			Code specifying the language of an addressed party. Will not be used.
name	Type: restricted string		The name of the party expressed in text.
pOBoxNumber	Type: restricted string		The number that identifies a PO box. A PO box is a box in a post office or other postal
·			location assigned to an organization where postal items may be kept.
postalCode	Type: restricted string	01	Text specifying the postal code for an address.
state	Type: restricted string	01	One of the constituent units of a nation having a federal government.
streetAddressOne	Type: restricted string		The first free form line of an address, This first part is printed on paper as the first line
			the name. For example, the name of the street and the number in the street or the na
			a building.
streetAddressTwo	Type: restricted string	01	The second free form line of an address, This second part is printed on paper as the s
			line below the name. The second free form line complements the first free form line t
			locate the party e.g. floor number, name of a building, suite number.
geographicalCoordinates	Type: GeographicalCoordinatesType	01	Geographical coordinates for the address.
latitude	Type: restricted string		Angular distance North or South from the earth's equator measured through 90 degree
longitude	Type: restricted string	1	The arc or portion of the earth's equator intersected between the meridian of a given
			and the prime meridian and expressed either in degrees or in time
			Person or department that can be contacted regarding the business transaction.
			Code specifying the function or role of a contact.
			The name of the individual that can be contacted to provide additional information.
			The name of the department that can be contacted to provide additional information
2			The job title of the person that can be contacted.
			Text further specifying the area of responsibility of the trade contact. Will not be used
communicationChannel	Type: CommunicationChannelType	0n	The channel or manner in which a communication can be made with the contact, such telephone or email.
communicationChannelCode	Type: CommunicationChannelCodeType	1	Code specifying the type of communication channel, for example TELEPHONE.
communicationValue		1	Text identifying the endpoint for the communication channel, for example a telephon
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		number or an email address.
afterHoursCommunicationChannel	Type: CommunicationChannelType (see line 84)	0n	The channel or manner in which a communication can be made with the contact after
			regular office hours.
dutyFeeTaxRegistration	Type: DutyFeeTaxRegistrationType	0n	The registration details of a party related to a particular duty, tax or fee.
dutyFeeTaxRegistrationID	Type: IdentifierType	1	Identifier of the party for this particular duty, fee or tax.
duryFeeTaxTypeCode	Type: DuryFeeTaxTypeCodeType	1	Code specifying the type of duty, fee or tax.
dutyFeeTaxAgencyName	Type: restricted string	01	Agency responsible for the collection of this duty, fee or tax.
dutyFeeTaxDescription	Type: Description80Type	01	Textual description of this duty, fee or tax.
organisationDetails	Type: OrganisationType	01	Information about the legal organisation of the party involved in the business transac
organisationName	Type: restricted string		The official name of the organisation.
issuedCapital	Type: AmountType	01	The amount of the issued capital. Will not be used.
legalStructure	Type: Description80Type	01	Description of the type of legal structure of the organisation. Will not be used.
officialAddress	Type: AddressType (see line 61)		The address where the organisation is officially based.
legalRegistration	Type: LegalRegistrationType	0n	The registration details of an organisation in a particular legal register.
legalRegistrationNumber	Type: restricted string	1	Unique identifier of the organization in the legal register.
	pOBoxNumber postalCode state streetAddressOne streetAddressTwo geographicalCoordinates latitude longitude contact contactionChannel dutyFeeTaxRegistration dutyFeeTaxRegistrationID <td< td=""><td>address Type: AddressType clty Type: restricted string chyCode Type: restricted string countyCode Type: restricted string contact Type: restricted string costalCode Type: restricted string streetAddressTwo Type: restricted string geographicalCoordinates Type: contactTypeCode type: contactTypeCode Type: restricted string contact Type: restricted string contact</td><td>address Type: AddressType 0.1. city Type: restricted string 0.1. city Type: restricted string 0.1. countyCode Type: restricted string 0.1. currencyOPArtyCode Type: restricted string 0.1. pOBaoNumber Type: restricted string 0.1. polanicode Type: restricted string 0.1. streetAddressOne Type: restricted string 0.1. streetAddressOne Type: restricted string 0.1. streetAddressOne Type: restricted string 0.1. geographicalCoordinates Type: restricted string 0.1. iongitude Type: restricted string 0.1. contact Type: ContactTypeCode Type: restricted string 0.1. iongitude Type: restricted string 0.1. 0.1. 0.1. contact Type: ContactTypeCode</td></td<>	address Type: AddressType clty Type: restricted string chyCode Type: restricted string countyCode Type: restricted string contact Type: restricted string costalCode Type: restricted string streetAddressTwo Type: restricted string geographicalCoordinates Type: contactTypeCode type: contactTypeCode Type: restricted string contact Type: restricted string contact	address Type: AddressType 0.1. city Type: restricted string 0.1. city Type: restricted string 0.1. countyCode Type: restricted string 0.1. currencyOPArtyCode Type: restricted string 0.1. pOBaoNumber Type: restricted string 0.1. polanicode Type: restricted string 0.1. streetAddressOne Type: restricted string 0.1. streetAddressOne Type: restricted string 0.1. streetAddressOne Type: restricted string 0.1. geographicalCoordinates Type: restricted string 0.1. iongitude Type: restricted string 0.1. contact Type: ContactTypeCode Type: restricted string 0.1. iongitude Type: restricted string 0.1. 0.1. 0.1. contact Type: ContactTypeCode

101		financialInstitutionInformation	Type: FinancialInstitutionInformationType	0n	Information on the financial institution(s) where the party holds an account.
102		financialInstitutionName	Type: restricted string		The name of the account holder's financial institution.
103		financialInstitutionBranchName	Type: restricted string	-	The name of a division or location of the account holder's financial institution.
104		financialAccount	Type: FinancialAccountType		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	01	
108		financialRoutingNumber	Type: FinancialRoutingNumberType	_	
109		financialRoutingNumber	Type: restricted string	_	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	01	A description used to provide any additional information about a financial institution. Will not be used.
112		description	Type: Description70Type	1n	Text content of the description. Will not be used.
113		address	Type: AddressType (see line 61)	01	Address of the financial institution involved in the business transaction.
					•
114	logi	ticServicesBuyer	Type: TransactionalPartyType (see line 58)	1	A party that purchases logistics services from another party.
		gin	Type: GLNType	01	Global Location Number (GLN), the GS1 key used for the identification of parties and
					locations.
115	bill	0	Type: TransactionalPartyType (see line 58)	01	Identifies the party who will receive the invoice for the transport services. Synonym:
					Invoicee.
				_	1
396 t	ranspor	InstructionResponseMessage	Type: TransportInstructionResponseMessageType	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.
397	Sta	dardBusinessDocumentHeader	Type: StandardBusinessDocumentHeader (see line 3)	1	
398	trar	sportInstructionResponse	Type: TransportInstructionResponseType	1n	The main objective of the Transport Instruction Response is to confirm the requested
		1			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 Transpor
	_				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)	01	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)	0n	Provides the information on a consignment contained in this transport instruction response.
				_	

Transport Status Notification Instruction Message Structure and Content

The following table provides an overview of the Transport Status Notification Instruction message structure and content. The message elements are defined by means of their data types, cardinality (the C column) and a textual description. The cardinality is the number of instances of this element that has to or can be provided.

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 highlighted in grey.

Transport Status Notification Instruction message structure and content

#	Messa	age elements	s		Data types, etc.	С	Description
2	transp	oortInstructio	onMessage		Type: TransportInstructionMessageType	1	
3	Sta	andardBusin	ness Document Head	der	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, identifies the message set sent together with on SBDH and the version number of the document(s) contained.
4		HeaderVers	sion		Type: string	1	Version number of the SBDH standard used.
5		Sender			Type: Partner	1n	Sender of the message, party representing the organization which created the standard business document.
6		Identifi			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		Contac	ctInformation		Type: ContactInformation	0n	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	01	Email address of contact person or department according to ITU-T Recommendation E.123.
10			FaxNumber		Type: string	01	Fax number of contact person or department according to ITU-T Recommendation E.123.
11			TelephoneNumb	per	Type: string	01	Telephone number of contact person or department according to ITU-T Recommendation E.123.
12			ContactTypeIder	ntifier	Type: string	01	The role of the contact person or department, e.g. EDI coordinator.
			<u> </u>				-
13		Receiver			Type: Partner (see line 5)	1n	Receiver of the message, party representing the organization which receives the standard business document.
		Identifi	ïer		Type: PartnerIdentification	1	A unique identification key for the Receiver 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.
		Contac	ctInformation		Type: ContactInformation	0n	Contact information for contact person or department. The element although optional, should be used, if possible.
			Contact		Type: string	1	Name of contact person or department. Although optional, should be used, if possible.
			EmailAddress		Type: string	01	Email address of contact person or department according to ITU-T Recommendation E.123.
			FaxNumber		Type: string	01	Fax number of contact person or department according to ITU-T Recommendation E.123.
			TelephoneNumb	per	Type: string	01	Telephone number of contact person or department according to ITU-T Recommendation E.123.
			ContactTypeIder	ntifier	Type: string	01	The role of the contact person or department, e.g. EDI coordinator.
						4	
14 15	-		Identification		Type: DocumentIdentification	1	Identification information for the document The name of the document standard contained in the payload. The value of the element
		Standa			Type: string		"Standard" MUST be set to the value "GS1"
16		TypeVe			Type: string	1	The version number of the XSD schema used in the payload of the message
17		Instanc	celdentifier		Type: string	1	Identifies the instance of the transport instruction message. This identifier identifies thisdocument as being distinct from others.
18		Type			Type: string	1	Identifies the type of the document, e.g. "Transport Instruction"
19		Multipl	leType		Type: boolean	01	TRUE if many different document types after the same header. Will not be used.
20		Creatio	onDateAndTime		Type: dateTime	1	The update time of this submission, e.g. 2006-03-23T01:00:78.000+02:00
						•	
21		Manifest			Type: Manifest	01	Attachments to the instruction. Will not be used.
22			erOfItems		Type: integer	1	
23		Manife			Type: ManifestItem	1n	
24			MimeTypeQualif	fierCode	Type: MimeTypeQualifier	1	
25			UniformResourc		Type: anyURi	1	
26			Description		Type: string	01	
27			LanguageCode		Type: Language	01	
21			Lunguagecoue		Type: Lunguage	01	

BusinessScope		Type: BusinessScope	01	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.
Scope		Type: Scope	0n	
	eAttributes	Group	1	
	Туре	Type: string	1	Name of XSD profile used.
	InstanceIdentifier	Type: string	1	Leave empty
	Identifier	Type: string	01	
Scon	eInformation	Type: anyType	0n	This is an abstract element with a substitution group. Will not be used.
5000	BusinessService	SubstitutionGroup	01	
	BusinessServiceName	Type: string	01	
	ServiceTransaction	ServiceTransaction	01	
	ScopeInformation		01	
	CorrelationInformation	Substitution Group: anyType SubstitutionGroup	01	
	RequestingDocumentCreationDateTime		01	
	RequestingDocumentInstanceIdentifier	Type: string	01	
	ExpectedResponseDateTime	Type: dateTime	01	
	ScopeInformation	Substitution Group: anyType	01	
TransportInstruction		Type: TransportInstructionType	1n	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 t
				perform the handling of the goods.
DocumentType		Extention base	1	
creationDateTime		Type: dateTime	1	Date and time when the document was created.
documentStatusC		Enum type: DocumentStatusEnumerationType	1	Indicates if the document is a copy or an original.
documentActionC		Enum type: DocumentActionEnumerationType	01	Code specifying the action to be taken in the system of the recipient using the information in the
accumentatedone			02	document.
documentStructur	reVersion	Type: string	01	Specification of the version of the standard on which the structure of the document is based, for
documentori deta		Type: string	01	example 3.0.
lastUpdateDateTi	me	Type: dateTime	01	Date and time when the document was last updated.
extension		ExtentionType	01	Extension point for inclusion of additional information through an extension to the document.
extension		Extension ype	01	Will not be used.
transportInstructionI	Identification	Type: EntityIdentificationType	1	The identification of the transport instruction document.
entityldentificatio			1	The unique identifier of the piece of information, such as the object id or the document id.
	n	Type: restricted string	-	
contentOwner		Type: PartyldentificationType	01	Uniquely identifies the creator of the entity identification.
gln		Type: GLNType	-	Global Location Number (GLN), the GS1 key used for the identification of parties and locations.
additionalPart	tyldentification	Type: AdditionalPartyIdentificationType	0n	Identification of a party by use of a code other than the Global Location Number.
transportInstructionF	unction	Enum type: TransportInstructionFunctionEnumerationType	1	The transport instruction function identifies whether the transport instruction is consignment-
			-	based or shipment-based.
logisticServicesSeller		Type: TransactionalPartyType	1	A party that provides logistics services to another party.
din din			01	Global Location Number (GLN), the GS1 key used for the identification of parties and locations
gin addition (D)		Type: GLNType		
	tyldentification	Type: AdditionalPartyIdentificationType	0n	Identification of a party by use of a code other than the Global Location Number.
address		Type: AddressType	01	Address of the party involved in the business transaction.
city		Type: restricted string	01	Text specifying the name of the city.
cityC		Type: restricted string	01	Identifier for a city, expressed as a short code rather than the full name
	ntryCode	Type: CountryCodeType	01	Code specifying the country for the address.
lcoun	ntyCode	Type: restricted string	01	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
				state. Will not be used.
			0 1	A street intersecting a main street (usually at right angles) and continuing on both sides of it. V
	sStreet	Type: restricted string	01	A suber intersecting a main suber (usually at right angles) and continuing on both subes of it. W
	sStreet	Type: restricted string	01	not be used.
cross	sStreet encyOfPartyCode	Type: restricted string Type: CurrencyCodeType	01	

• · · ·				
ber	Type: restricted string	01	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.	
	Type: restricted string		Text specifying the postal code for an address.	
	Type: restricted string	01	One of the constituent units of a nation having a federal government.	
essOne	Type: restricted string	01	The first free form line of an address, This first part is printed on paper as the first line below	
			name. For example, the name of the street and the number in the street or the name of a	
			building.	
essTwo	Type: restricted string	01	The second free form line of an address, This second part is printed on paper as the second	
			below the name. The second free form line complements the first free form line to locate th	
			party e.g. floor number, name of a building, suite number.	
al Coordinates	Type: GeographicalCoordinatesType	01	Geographical coordinates for the address.	
ude	Type: restricted string	1	Angular distance North or South from the earth's equator measured through 90 degrees.	
;itude	Type: restricted string	1	The arc or portion of the earth's equator intersected between the meridian of a given place	
			the prime meridian and expressed either in degrees or in time	
	Type: ContactType	01	Person or department that can be contacted regarding the business transaction.	
eCode	Type: ContactTypeCodeType	01	Code specifying the function or role of a contact.	
ie	Type: restricted string	01	The name of the individual that can be contacted to provide additional information.	
tName	Type: restricted string	01	The name of the department that can be contacted to provide additional information.	
	Type: restricted string	01	The job title of the person that can be contacted.	
ie	Type: restricted string	01	The name of the individual that can be contacted to provide additional information.	
tName	Type: restricted string	01	The name of the department that can be contacted to provide additional information.	
	Type: restricted string	01	The job title of the person that can be contacted.	
ty	Type: Description70Type	0n	Text further specifying the area of responsibility of the trade contact. Will not be used.	
tionChannel	Type: CommunicationChannelType	0n	The channel or manner in which a communication can be made with the contact, such as	
	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		telephone or email.	
municationChannelCode	Type: CommunicationChannelCodeType	1	Code specifying the type of communication channel, for example TELEPHONE.	
imunicationValue	Type: restricted string	1	Text identifying the endpoint for the communication channel, for example a telephone num	
	.,,	-	or an email address.	
CommunicationChannel	Extention base:CommunicationChannelType (see line 87)	0n	The channel or manner in which a communication can be made with the contact after regula	
			office hours.	
tion	Type: DutyFeeTaxRegistrationType	0n	The registration details of a party related to a particular duty, tax or fee.	
RegistrationID	Type: IdentifierType	1	Identifier of the party for this particular duty, fee or tax.	
TypeCode	Type: DuryFeeTaxTypeCodeType	1	Code specifying the type of duty, fee or tax.	
AgencyName	Type: restricted string	01	Agency responsible for the collection of this duty, fee or tax.	
Description	Type: Description80Type	01	Textual description of this duty, fee or tax.	
	Type: OrganisationType	01	Information about the legal organisation of the party involved in the business transaction.	
nName	Type: restricted string	1	The official name of the organisation.	
al	Type: AmountType	01	The amount of the issued capital. Will not be used.	
ire	Type: Description80Type	01	Description of the type of legal structure of the organisation. Will not be used.	
ess	Type: AddressType (see line 61)	01	The address where the organisation is officially based.	
ation	Type: LegalRegistrationType	0n	The registration details of an organisation in a particular legal register.	
lRegistrationNumber	Type: restricted string	1	Unique identifier of the organization in the legal register.	
IRegistrationType	Type: LegalRegistrationCodeType	1	Code specifying the type of legal register.	
mation	Type: FinancialInstitutionInformationType	0n	Information on the financial institution(s) where the party holds an account.	
ame	Type: restricted string	01	The name of the account holder's financial institution.	
ranchName	Type: restricted string	01	The name of a division or location of the account holder's financial institution.	
	Type: FinancialAccountType	01	Information identifying a client's financial account with a financial institution.	
countNumber	Type: restricted string	1	Text specifying the number of the financial account.	
countNumberTypeCode	Type: FinancialAccountNumberTypeCodeType	1	Identifies the type of financial account number.	
countName	Type: restricted string	01	Text specifying the name of the financial account.	
nber	Type: FinancialRoutingNumberType	01	Provides the Routing Number for the Financial Institution.	
utingNumber	Type: restricted string	1	Number assigned to a transaction in financial routing between parties. The number is deter	
	,,	1	by and used in conjunction with the type of routing, e.g. SWIFT, ABA, CHIPS.	
utingNumberTypeCode	Type: FinancialRoutingNumberTypeCodeType	1	Code specifying the type of financial routing, e.g. SWIFT.	
nformation	Type: MultiDescription70Type	01	A description used to provide any additional information about a financial institution. Will n	
	, per manue comprisment pro-	01	used.	
	Type: Description 70Type	1 n	Text content of the description. Will not be used.	
	rype. Description/orype	11	Address of the financial institution involved in the business transaction.	
nform	ation	ation Type: MultiDescription70Type Type: Description70Type		

	transportStatusProvider	Type: TransactionalPartyType (see line 61)	1	A party that purchases logistics services from another party.
	gln	Type: GLNType	01	Global Location Number (GLN), the GS1 key used for the identification of parties and location
t	transportStatusRequest	Type: DocumentReferenceType	01	Optional reference to the transport status request that triggered the sending of the transport
				status notification.
_	EntityIdentificationType	Extention base: EntityIdentificationType (see line 54)	1	Identifies the request
-	creationDateTime	Type: dateTime	01	Date and time of creation of the referenced document.
	lineItemNumber	Type: nonNegativeInteger	01	Number specifying a line in the referenced document.
Ľ	transportStatusNotificationConsignment	Type: TransportStatusNotificationConsignmentType	01	Information on the status and movements of a consignment.
	ConsignmentIdentificationType	Extention base	1	Identifies the consignment
	ginc	Type: GINCType	1	The GS1 Global Identification Number for Consignment (GINC) key used for the identification
				consignments
	additionalConsignmentIdentification	Type: AdditionalConsignmentIdentificationType	0n	Identifier of the consignment specified in addition to the GINC.
	parentConsignment	Type: ConsignmentIdentificationType (see line 123)	01	Reference to another consignment that contains this consignment (and several other
				consignments).
	cargoTypeCode	Type: CargoTypeCodeType	1	Code specifying the classification of a type of cargo for example hazardous cargo.
	cargoTypeDescription	Type: Description70Type	01	Free text specifying the classification of a type of cargo.
	consignor	Type: TransactionalPartyType (see line 61)	01	The party despatching a consignment of goods.
	consignee	Type: TransactionalPartyType (see line 61)	01	The party receiving a consignment of goods.
	includedShipment	Type: ShipmentIdentificationType	0n	Reference to the shipment(s) contained in this consignment.
	gsin	Type: GSINType	1	Global Shipment Identification Number (GSIN), the GS1 key used for the identification of
				shipments.
	additionalShipmentIdentification	Type: AdditionalShipmentIdentificationType	0n	Additional identification key used to identify a shipment.
	includedTransportEquipment	Type: TransportEquipmentType	0n	Details on the transport equipment contained in the consignment.
	transportEquipmentTypeCode	Type: CodeType	1	Code specifying the transport equipment size and type.
	returnableAssetTypeIdentification	Type: ReturnableAssetIdentificationType	01	The returnable asset identifier for the type of transport equipment.
_	individualReturnableAssetIdentification	Type: ReturnableAssetIdentificationType	0n	The returnable asset identifier for an individual piece of transport equipment.
	individualAssetIdentification	Type: IndividualAssetIdentificationType	0n	The individual asset identifier for an individual piece of transport equipment.
			1	
	giai	Type: GIAIType	1	Global Individual Asset Identifier (GIAI), the GS1 key used for the identification of individual
				assets.
	additionalIndividualAssetIdentification	Type: AdditionalIndividualAssetIdentificationType	0n	Identifier of the asset, specified in addition to the GIAI.
	includedLogisticUnit	Type: LogisticUnitIdentificationType	0n	Identification of the logistic units contained in the consignment.
	SSCC	Туре: SSCCTуре	1	Serial Shipping Container Code (SSCC), the GS1 key used for the identification of logistic units
	additionalLogisticUnitIdentification	Type: AdditionalLogisticUnitIdentificationType	0n	Additional (non-SSCC) identification attached to a shipping container or shipping package a
				used for logistical and traceability purposes.
	transportReference	Type: TransportReferenceType	0n	References to the commercial transaction or to transport or legal documents related to the
				consignment.
	DocumentReferenceType	Extention base	1	
	EntityIdentificationType	Extention base: EntityIdentificationType (see line 54)	1	Identifies the commercial transaction or the transport or the legal documents related to the
				consignment.
				consignment.
	creationDateTime	Type: dateTime	0 1	Date and time of creation of the referenced document
_	creationDateTime	Type: dateTime	01	Date and time of creation of the referenced document.
	lineItemNumber	Type: nonNegativeInteger	01	Number specifying a line in the referenced document.
	lineItemNumber transportReferenceTypeCode	Type: nonNegativeInteger Type: TransportReferenceTypeCodeType	01	Number specifying a line in the referenced document. Code specifying the type of information that is being referred to.
	lineItemNumber transportReferenceTypeCode transportStatus	Type: nonNegativeInteger Type: TransportReferenceTypeCodeType Type: TransportStatusType		Number specifying a line in the referenced document. Code specifying the type of information that is being referred to. The transport status details for this consignment.
	lineItemNumber transportReferenceTypeCode	Type: nonNegativeInteger Type: TransportReferenceTypeCodeType	01	Number specifying a line in the referenced document. Code specifying the type of information that is being referred to. The transport status details for this consignment.
	lineItemNumber transportReferenceTypeCode transportStatus	Type: nonNegativeInteger Type: TransportReferenceTypeCodeType Type: TransportStatusType	01 1 1n	Number specifying a line in the referenced document. Code specifying the type of information that is being referred to. The transport status details for this consignment.
	lineItemNumber transportReferenceTypeCode transportStatus	Type: nonNegativeInteger Type: TransportReferenceTypeCodeType Type: TransportStatusType	01 1 1n	Number specifying a line in the referenced document. Code specifying the type of information that is being referred to. The transport status details for this consignment.
	lineltemNumber transportReferenceTypeCode transportStatus transportStatusConditionCode transportStatusDateTime	Type: nonNegativeInteger Type: TransportReferenceTypeCodeType Type: TransportStatusType Type: TransportStatusConditionCodeType Type: dateTime	01 1 1n 1n	Number specifying a line in the referenced document. Code specifying the type of information that is being referred to. The transport status details for this consignment. Code specifying a transport status condition. Allowed code values are specified in GS1 Code A date time that applies to the reported transport status.
	lineltemNumber transportReferenceTypeCode transportStatus transportStatusConditionCode transportStatusDateTime transportStatusDescription	Type: nonNegativeInteger Type: TransportReferenceTypeCodeType Type: TransportStatusType Type: TransportStatusConditionCodeType Type: dateTime Type: Description500Type	01 1 1n 1n 01	Number specifying a line in the referenced document. Code specifying the type of information that is being referred to. The transport status details for this consignment. Code specifying a transport status condition. Allowed code values are specified in GS1 Code A date time that applies to the reported transport status. The textual description of the transport status.
	lineltemNumber transportReferenceTypeCode transportStatus transportStatusConditionCode transportStatusDateTime transportStatusDescription transportStatusReasonCode	Type: nonNegativeInteger Type: TransportReferenceTypeCodeType Type: TransportStatusType Type: TransportStatusConditionCodeType Type: dateTime Type: Description500Type Type: TransportStatusReasonCodeType	01 1 1n 01 01 0n	Number specifying a line in the referenced document. Code specifying the type of information that is being referred to. The transport status details for this consignment. Code specifying a transport status condition. Allowed code values are specified in GS1 Code A date time that applies to the reported transport status. The textual description of the transport status. Code specifying a transport status reason. Allowed code values are specified in GS1 Code Li
	lineltemNumber transportReferenceTypeCode transportStatus transportStatusConditionCode transportStatusDateTime transportStatusDescription transportStatusReasonCode transportStatusReasonDescription	Type: nonNegativeInteger Type: TransportReferenceTypeCodeType Type: TransportStatusType Type: TransportStatusConditionCodeType Type: dateTime Type: Description500Type Type: TransportStatusReasonCodeType Type: Description500Type Type: Description500Type	01 1 1n 01 01 0n 01	Number specifying a line in the referenced document. Code specifying the type of information that is being referred to. The transport status details for this consignment. Code specifying a transport status condition. Allowed code values are specified in GS1 Code A date time that applies to the reported transport status. The textual description of the transport status. Code specifying a transport status reason. Allowed code values are specified in GS1 Code L A reason, expressed as text, for the transport status.
	lineltemNumber transportReferenceTypeCode transportStatus transportStatusConditionCode transportStatusDateTime transportStatusDescription transportStatusReasonCode transportStatusReasonDescription lineltemReasonCode transportStatusReasonDescription	Type: nonNegativeInteger Type: TransportReferenceTypeCodeType Type: TransportStatusType Type: TransportStatusConditionCodeType Type: dateTime Type: Description500Type Type: TransportStatusReasonCodeType Type: Description500Type Type: LogisticLocationType	01 1 1n 01 01 01 01 01 01	Number specifying a line in the referenced document. Code specifying the type of information that is being referred to. The transport status details for this consignment. Code specifying a transport status condition. Allowed code values are specified in GS1 Code A date time that applies to the reported transport status. The textual description of the transport status. Code specifying a transport status reason. Allowed code values are specified in GS1 Code L A reason, expressed as text, for the transport status. A location related to the reported transport status.
	lineltemNumber transportReferenceTypeCode transportStatus transportStatusConditionCode transportStatusDateTime transportStatusDescription transportStatusReasonCode transportStatusReasonDescription	Type: nonNegativeInteger Type: TransportReferenceTypeCodeType Type: TransportStatusType Type: TransportStatusConditionCodeType Type: dateTime Type: Description500Type Type: TransportStatusReasonCodeType Type: Description500Type Type: Description500Type	01 1 1n 01 01 0n 01	Number specifying a line in the referenced document. Code specifying the type of information that is being referred to. The transport status details for this consignment. Code specifying a transport status condition. Allowed code values are specified in GS1 Code A date time that applies to the reported transport status. The textual description of the transport status. Code specifying a transport status reason. Allowed code values are specified in GS1 Code Li A reason, expressed as text, for the transport status. A location related to the reported transport status. UN/LOCODE is a geographic coding scheme maintained by UN/ECE for locations used in tra
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	lineltemNumber transportReferenceTypeCode transportStatus transportStatusDateTime transportStatusDescription transportStatusReasonCode transportStatusReasonDescription logisticLocation unLocationCode	Type: nonNegativeInteger Type: TransportReferenceTypeCodeType Type: TransportStatusType Type: TransportStatusConditionCodeType Type: dateTime Type: Description500Type Type: TransportStatusReasonCodeType Type: LogisticLocationType Type: UNLocationCodeType	01 1 1n 01 01 01 01 01 01 01 01	Number specifying a line in the referenced document. Code specifying the type of information that is being referred to. The transport status details for this consignment. Code specifying a transport status condition. Allowed code values are specified in GS1 Code A date time that applies to the reported transport status. The textual description of the transport status. Code specifying a transport status reason. Allowed code values are specified in GS1 Code Li A reason, expressed as text, for the transport status. A location related to the reported transport status. UN/LOCODE is a geographic coding scheme maintained by UN/ECE for locations used in tra transport with functions such as seaports, rail and road terminals, airports, post offices and border crossing points.
	lineltemNumber transportReferenceTypeCode transportStatus transportStatusDateTime transportStatusDescription transportStatusReasonCode transportStatusReasonDescription logisticLocation unLocationCode gln	Type: nonNegativeInteger Type: TransportReferenceTypeCodeType Type: TransportStatusType Type: TransportStatusConditionCodeType Type: dateTime Type: Description500Type Type: TransportStatusReasonCodeType Type: LogisticLocationType Type: UNLocationCodeType Type: GLNType	01 1 1n 01 01 01 01 01 01	Number specifying a line in the referenced document. Code specifying the type of information that is being referred to. The transport status details for this consignment. Code specifying a transport status condition. Allowed code values are specified in GS1 Code A date time that applies to the reported transport status. The textual description of the transport status. Code specifying a transport status reason. Allowed code values are specified in GS1 Code L A reason, expressed as text, for the transport status. A location related to the reported transport status. UN/LOCODE is a geographic coding scheme maintained by UN/ECE for locations used in tra transport with functions such as seaports, rail and road terminals, airports, post offices and border crossing points. The GS1 global location number (GLN) of this logistic location.
	lineltemNumber transportReferenceTypeCode transportStatus transportStatusDateTime transportStatusDescription transportStatusReasonCode transportStatusReasonDescription logisticLocation unLocationCode	Type: nonNegativeInteger Type: TransportReferenceTypeCodeType Type: TransportStatusType Type: TransportStatusConditionCodeType Type: dateTime Type: Description500Type Type: TransportStatusReasonCodeType Type: LogisticLocationType Type: UNLocationCodeType	01 1 1n 01 01 01 01 01 01 01 01	Number specifying a line in the referenced document. Code specifying the type of information that is being referred to. The transport status details for this consignment. Code specifying a transport status condition. Allowed code values are specified in GS1 Code A date time that applies to the reported transport status. The textual description of the transport status. Code specifying a transport status reason. Allowed code values are specified in GS1 Code L A reason, expressed as text, for the transport status. A location related to the reported transport status. UN/LOCODE is a geographic coding scheme maintained by UN/ECE for locations used in tra transport with functions such as seaports, rail and road terminals, airports, post offices and border crossing points. The GS1 global location number (GLN) of this logistic location. Identification of a location by use of a code other than the Global Location Number.
	lineltemNumber transportReferenceTypeCode transportStatus transportStatusDateTime transportStatusDescription transportStatusReasonCode transportStatusReasonDescription logisticLocation unLocationCode gln	Type: nonNegativeInteger Type: TransportReferenceTypeCodeType Type: TransportStatusType Type: TransportStatusConditionCodeType Type: dateTime Type: Description500Type Type: TransportStatusReasonCodeType Type: LogisticLocationType Type: UNLocationCodeType Type: GLNType	01 1 1n 01 01 01 01 01 01 01 01 01 01	Number specifying a line in the referenced document. Code specifying the type of information that is being referred to. The transport status details for this consignment. Code specifying a transport status condition. Allowed code values are specified in GS1 Code A date time that applies to the reported transport status. The textual description of the transport status. Code specifying a transport status reason. Allowed code values are specified in GS1 Code Li A reason, expressed as text, for the transport status. A location related to the reported transport status. UN/LOCODE is a geographic coding scheme maintained by UN/ECE for locations used in tra transport with functions such as seaports, rail and road terminals, airports, post offices and border crossing points. The GS1 global location number (GLN) of this logistic location. Identification of a location by use of a code other than the Global Location Number.
	lineltemNumber transportReferenceTypeCode transportStatus transportStatusConditionCode transportStatusDateTime transportStatusDescription transportStatusReasonCode transportStatusReasonDescription logisticLocation unLocationCode gln additionalLocationIdentification	Type: nonNegativeInteger Type: TransportReferenceTypeCodeType Type: TransportStatusType Type: TransportStatusConditionCodeType Type: dateTime Type: Description500Type Type: TransportStatusReasonCodeType Type: LogisticLocationType Type: UNLocationCodeType Type: UNLocationCodeType Type: IdentifierType	01 1 1n 01 01 01 01 01 01 01 01 01 01 01	Number specifying a line in the referenced document. Code specifying the type of information that is being referred to. The transport status details for this consignment. Code specifying a transport status condition. Allowed code values are specified in GS1 Code A date time that applies to the reported transport status. The textual description of the transport status. Code specifying a transport status reason. Allowed code values are specified in GS1 Code Li A reason, expressed as text, for the transport status. A location related to the reported transport status. UN/LOCODE is a geographic coding scheme maintained by UN/ECE for locations used in tra transport with functions such as seaports, rail and road terminals, airports, post offices and border crossing points. The GS1 global location number (GLN) of this logistic location. Identification of a location by use of a code other than the Global Location Number.
	lineltemNumber transportReferenceTypeCode transportStatus transportStatusDateTime transportStatusDescription transportStatusReasonCode transportStatusReasonDescription logisticLocation gln additionalLocationIdentification sublocationIdentification	Type: nonNegativeInteger Type: TransportStatusType Type: TransportStatusConditionCodeType Type: dateTime Type: dateTime Type: TransportStatusStorpe Type: Description500Type Type: LogisticLocationType Type: LogisticLocationType Type: UNLocationCodeType Type: IdentifierType Type: IdentifierType Type: resricted string	01 1 1n 01 01 01 01 01 01 01 01 01 01 01	Number specifying a line in the referenced document. Code specifying the type of information that is being referred to. The transport status details for this consignment. Code specifying a transport status condition. Allowed code values are specified in GS1 Code A date time that applies to the reported transport status. The textual description of the transport status. Code specifying a transport status reason. Allowed code values are specified in GS1 Code Li A reason, expressed as text, for the transport status. A location related to the reported transport status. UN/LOCDDE is a geographic coding scheme maintained by UN/ECE for locations used in tra- transport with functions such as seaports, rail and road terminals, airports, post offices and border crossing points. The GS1 global location number (GLN) of this logistic location. Identification of a location by use of a code other than the Global Location Number. Text further specifying the exact logistic location. For example: dock door, department, buil
	lineltemNumber transportReferenceTypeCode transportStatus transportStatusDateTime transportStatusDescription transportStatusReasonCode transportStatusReasonDescription logisticLocation gln additionalLocationIdentification sublocationIdentification locationName	Type: nonNegativeInteger Type: TransportReferenceTypeCodeType Type: TransportStatusType Type: TransportStatusConditionCodeType Type: dateTime Type: Description500Type Type: TransportStatusReasonCodeType Type: LogisticLocationType Type: UNLocationCodeType Type: UNLocationCodeType Type: IdentifierType Type: resricted string Type: resricted string	01 1 1n 01 01 01 01 01 01 01 01 01 01 01 01 01 01	Number specifying a line in the referenced document. Code specifying the type of information that is being referred to. The transport status details for this consignment. Code specifying a transport status condition. Allowed code values are specified in GS1 Code A date time that applies to the reported transport status. The textual description of the transport status. Code specifying a transport status reason. Allowed code values are specified in GS1 Code Li A reason, expressed as text, for the transport status. A location related to the reported transport status. UN/LOCODE is a geographic coding scheme maintained by UN/ECE for locations used in tra- transport with functions such as seaports, rail and road terminals, airports, post offices and border crossing points. The GS1 global location number (GLN) of this logistic location. Identification of a location by use of a code other than the Global Location Number. Text further specifying the exact logistic location. For example: dock door, department, buil The name of this logistic location.
	lineltemNumber transportReferenceTypeCode transportStatus transportStatusDateTime transportStatusDescription transportStatusReasonCode transportStatusReasonDescription logisticLocation gln additionalLocationIdentification sublocationIdentification	Type: nonNegativeInteger Type: TransportStatusType Type: TransportStatusConditionCodeType Type: dateTime Type: dateTime Type: TransportStatusStorpe Type: Description500Type Type: LogisticLocationType Type: LogisticLocationType Type: UNLocationCodeType Type: IdentifierType Type: IdentifierType Type: resricted string	01 1 1n 01 01 01 01 01 01 01 01 01 01 01	Number specifying a line in the referenced document. Code specifying the type of information that is being referred to. The transport status details for this consignment. Code specifying a transport status condition. Allowed code values are specified in GS1 Code A date time that applies to the reported transport status. The textual description of the transport status. Code specifying a transport status reason. Allowed code values are specified in GS1 Code Lis A reason, expressed as text, for the transport status. A location related to the reported transport status. UN/LOCDE is a geographic coding scheme maintained by UN/ECE for locations used in trac transport with functions such as seaports, rail and road terminals, airports, post offices and border crossing points. The GS1 global location number (GLN) of this logistic location. Identification of a location by use of a code other than the Global Location Number. Text further specifying the exact logistic location. For example: dock door, department, build

addr	ess	Type: AddressType (see line 64)	01	Address details of this logistic location.
cont	act	Type: ContactType (see line 81)	0n	Person or department that can be contacted at this logistic location.
regu	larOperatingHours	Type: OperatingHoursType	0n	The period during which a business or facility is operational on a weekday.
	dayOfTheWeekCode	Type: DayOfTheWeekEnumerationType	1	Code specifying the day of the week to which the operating hours apply.
	isOperational	Type: boolean	1	Indicator specifying whether or not the business or facility is operational on the specified d
	closingTime	Type: time	01	Time on which the business or facility closes on the specified day.
	openingTime	Type: time	01	Time on which the business or facility opens on the specified day.
sner	ialOperatingHours	Type: SpecialOperatingHoursType	0n	The period during which the location is operational on special days, such as holidays.
spec	isOperational	Type: boolean	1	Indicator specifying whether or not the business or facility is operational on the specified d
			1	
	specialDate	Type: date	01	Date specifying the day to which the special operating hours apply.
	closingTime	Type: time		Time on which the business or facility closes on the specified day.
	openingTime	Type: time	01	Time on which the business or facility opens on the specified day.
	specialDateName	Type: Description80Type	01	Text describing the day to which the special operating hours apply. Example: Christmas.
· · · ·	icationTransportMovement	Type: TransportStatusNotificationTransportMovementType	0n	The transport movement details for this consignment.
sequenceNu	mber	Type: positiveInteger	1	Unique number identifying the sequence of this transport movement with respect to the o specified movements.
transportMo	odeTypeCode	Type: TransportModeCodeType	1	Code specifying the transportation mode used for this transport movement.
routeIdentif	ier	Type: IdentifierType	01	Unique identifier of the standard route used for this transport movement.
carrier		Type: TransactionalPartyType (see line 61)	01	A party that physically transports goods from one place to another.
	atus Responsible Party	Type: TransactionalPartyType (see line 61)	01	Party in charge of collecting and forwarding the information about the transport movemer
plannedDep		Type: LogisticEventType	01	The expected time of departure from the designated departure location.
	ticEventTypeCode	Type: LogisticEventTypeCodeType	01	Code specifying the type of logistic event. Example: Customs clearance Will not be used.
			01	
	ticEventDuration	Type: TimeMeasurementType		Measurement value specifying the duration of the logistic event. Will not be used.
	ticLocation	Type: LogisticLocationType (see line 156)	01	The location where the logistic event occurs.
logis	ticEventPeriod	Type: DateTimeRangeType	01	The timeframe during which the logistic event occurs.
	beginDate	Type: date	01	Date specifying the first day for the date time range.
	BeginTime	Type: time	01	Time specifying the start time for the date time range.
	endDate	Type: date	01	Date specifying the last day for the date time range.
	endTime	Type: time	01	Time specifying the end time for the date time range.
logis	ticEventDateTime	Type: DateOptionalTimeType	01	The date and time on which the logistic event occurs.
	date	Type: date	1	The specification of a day as calendar date.
	time	Type: time	01	The specification of a point in time during the day.
plannedArri		Type: LogisticEventType (see line 183)	01	The expected time of arrival on the designated arrival location.
actualDepar		Type: LogisticEventType (see line 183)	01	The actual time of departure from the designated departure location.
actualArriva		Type: LogisticEventType (see line 183)	01	The actual time of acparate nom the designated departure location.
actualLoadir	-	Type: LogisticEventType (see line 183)	01	The actual time and location of loading.
actualUnloa	-	Type: LogisticEventType (see line 183)	01	The actual time and location of unloading.
recipientSig		Type: LogisticEventType (see line 183)	01	Details on the sign-off of the receipt at the arrival location, such as the responsible person.
plannedWay	/Point	Type: LogisticEventType (see line 183)	0n	An planned administrative procedure taking place at a specific location that may have an e on the lead time of a transport movement, such as dangerous goods handling, customs clearance,
actualWayP	oint	Type: LogisticEventType (see line 183)	0n	An administrative procedure that took place at a specific location that may have an effect of lead time of a transport movement, such as dangerous goods handling, customs clearance
associatedP	erson	Type: PersonType	0n	A person associated with the execution of this transport movement, for example the drive
pers	onName	Type: string	1	Text used to identify the person, such as the family name and given name.
	OfBirth	Type: date	01	Calendar date on which the person was born.
gend		Type: GenderEnumerationType	01	Code specifying the sex of the person.
	onality	Type: CountryCodeType	0n	Code specifying the nation the person belongs to by birth or naturalization.
	tityDocument	Type: IdentityDocumentType	0n	An identity document is any document which may be used to verify aspects of a person's
luen	inybocument	Type. Identitybocument type	01	personal identity or of a person's relationship with an organisation. If issued in the form o
	identify Denumentations have	Tunoi string	4	small, mostly standard-sized card, it is usually called an identity card (IC).
	identityDocumentNumber	Type: string	1	Unique identifier in this identity document, intended to identify a particular person.
	identityDocumentType	Type: IdentityDocumentTypeCodeType	1	Code specifying the type of identity document.
	identityDocumentIssuer	Type: string	01	Text specifying the issuer of the identity document.
relatedTrans	sportMeans	Type: TransportMeansType	01	The type of vehicle, aircraft, vessel or other device used for the transport of goods in this transport movement.
trans	sportMeansType	Type: TransportMeansTypeCodeType	1	Code specifying the type of vehicle, aircraft, vessel or other device used for the transport or goods.
trans	sportMeansName	Type: IdentifierType	01	The unique identifier of a particular means of transport. E.g. A license plate number or ves
trans	sportMeansID	Type: string	01	The name, expressed as text, of a particular means of transport. E.g. The vessel name.
	municationChannel	Type: string Type:CommunicationChannelType (see line 87)	01 0n	The channel or manner in which a communication can be made with the transport means telephone or email.
				telephone or email. The type of trailer, container, ULD or other device used for the transport of goods in this

	atusNotificationShipment	Type: TransportStatusNotificationShipmentType	01	Information on the status and movements of a shipment.
	tldentificationType	Extention base:ShipmentIdentificationType (see line 131)	1	The shipment addressed in this status report
8	gsin	Type: GSINType	1	Global Shipment Identification Number (GSIN), the GS1 key used for the identification
				shipments.
-	hipmentReference	Type: ShipmentIdentificationType (see line 129)	01	The unique identifier of a shipment in which this shipment is included
shipper		Type: TransactionalPartyType (see line 61)	01	A party which engages in shipping this shipment of goods.
gln		Type: GLNType	01	Global Location Number (GLN), the GS1 key used for the identification of parties an
receiver		Type: TransactionalPartyType (see line 61)	01	A party which engages in receiving this shipment of goods.
gln		Туре: GLNTуре	01	Global Location Number (GLN), the GS1 key used for the identification of parties an
transport	rtReference	Type: TransportReferenceType (see line 144)	0n	References to the commercial transaction or to transport or legal documents relate
				shipment.
included	LogisticUnit	Type: LogisticUnitIdentificationType (see line 141)	0n	Identification of the logistic units contained in the shipment.
	SSCC	Туре: SSCCTуре	1	Serial Shipping Container Code (SSCC), the GS1 key used for the identification of logi
transport		Type: TransportStatusType (see line 150)	1n	The transport status details for this shipment.
t	transportStatusConditionCode	Type: TransportStatusConditionCodeType	1n	Code specifying a transport status condition. Allowed code values are specified in G
	rtStatusNotificationTransportMovement	Type: TransportStatusNotificationTransportMovementType (see line 177)	0n	The transport movement details for this shipment.
5	sequenceNumber	Type: positiveInteger	1	Unique number identifying the sequence of this transport movement with respect t
				specified movements.
	transportModeTypeCode	Type: TransportModeCodeType	1	Code specifying the transportation mode used for this transport movement.
	routeldentifier	Type: IdentifierType	01	Unique identifier of the standard route used for this transport movement.
5	carrier	Type: TransactionalPartyType (see line 61)	01	A party that physically transports goods from one place to another.
ĩ	address	Type: AddressType	01	Address of the party involved in the business transaction.
1	city	Type: restricted string	01	Text specifying the name of the city.
				the setting of the set
(cityCode	Type: restricted string	01	Identifier for a city, expressed as a short code rather than the full name
r	countryCode name	Type: CountryCodeType Type: restricted string	01	Code specifying the country for the address. The name of the party expressed in text.
r	countryCode name transportStatusResponsibleParty	Type: CountryCodeType Type: restricted string Type: TransactionalPartyType (see line 61)	01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport me
r	countryCode name transportStatusResponsibleParty plannedDeparture	Type: CountryCodeType Type: restricted string Type: TransactionalPartyType (see line 61) Type: LogisticEventType	01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport me The expected time of departure from the designated departure location.
r	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode	Type: CountryCodeType Type: restricted string Type: TransactionalPartyType (see line 61) Type: LogisticEventType Type: LogisticEventTypeCodeType	01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport me The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be u
r	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration	Type: CountryCodeType Type: restricted string Type: TransactionalPartyType (see line 61) Type: LogisticEventType Type: LogisticEventTypeCodeType Type: TimeMeasurementType	01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport me The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be used. Measurement value specifying the duration of the logistic event. Will not be used.
r	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration logisticLocation	Type: CountryCodeType Type: restricted string Type: TransactionalPartyType (see line 61) Type: LogisticEventType Type: LogisticEventTypeCodeType Type: TimeMeasurementType Type: LogisticLocationType (see line 156)	01 01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport me The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be used. Measurement value specifying the duration of the logistic event. Will not be used. The location where the logistic event occurs.
r	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration logisticLocation logisticLocation logisticEventPeriod	Type: CountryCodeType Type: restricted string Type: restricted string Type: TransactionalPartyType (see line 61) Type: LogisticEventType Type: LogisticEventTypeCodeType Type: TimeMeasurementType Type: LogisticLocationType (see line 156) Type: DateTimeRangeType	01 01 01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport me The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be used. The location where the logistic event occurs. The timeframe during which the logistic event occurs.
r	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration logisticLocation logisticEventPeriod beginDate	Type: CountryCodeType Type: restricted string Type: TransactionalPartyType (see line 61) Type: LogisticEventType Type: LogisticEventTypeCodeType Type: LogisticEventTypeCodeType Type: LogisticLocationType (see line 156) Type: DateTimeRangeType Type: date	01 01 01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport me The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be used. Measurement value specifying the duration of the logistic event. Will not be used. The location where the logistic event occurs. The timeframe during which the logistic event occurs. Date specifying the first day for the date time range.
r	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration logisticCocation logisticEventPeriod beginDate BeginTime	Type: CountryCodeType Type: restricted string Type: TransactionalPartyType (see line 61) Type: LogisticEventType Type: LogisticEventTypeCodeType Type: TimeMeasurementType Type: DateTimeRangeType Type: date Type: time	01 01 01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport me The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be used. The location where the logistic event occurs. The timeframe during which the logistic event occurs. Date specifying the first day for the date time range. Time specifying the start time for the date time range.
r	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration logisticEventPeriod beginDate BeginTime endDate	Type: CountryCodeType Type: restricted string Type: restricted string Type: TransactionalPartyType (see line 61) Type: LogisticEventType Type: LogisticEventTypeCodeType Type: LogisticLocationType (see line 156) Type: DateTimeRangeType Type: date Type: time Type: date	01 01 01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport me The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be used. The location where the logistic event occurs. The timeframe during which the logistic event occurs. Date specifying the start time for the date time range. Time specifying the last day for the date time range.
r	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration logisticEventPeriod beginDate BeginTime endDate endTime	Type: CountryCodeType Type: restricted string Type: restricted string Type: TransactionalPartyType (see line 61) Type: LogisticEventType Type: LogisticEventTypeCodeType Type: LogisticLocationType (see line 156) Type: DateTimeRangeType Type: date Type: time Type: time Type: time	01 01 01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport me The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be used. The location where the logistic event occurs. The timeframe during which the logistic event occurs. Date specifying the start time for the date time range. Time specifying the start time for the date time range. Time specifying the last day for the date time range. Time specifying the end time for the date time range.
r	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration logisticEventPeriod beginDate BeginTime endDate endTime logisticEventDateTime	Type: CountryCodeType Type: restricted string Type: restricted string Type: restricted string Type: LogisticEventType Type: LogisticEventTypeCodeType Type: LogisticLocationType (see line 156) Type: DateTimeRangeType Type: date Type: time Type: date Type: time Type: time Type: DateOptionalTimeType	01 01 01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport me The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be used. The location where the logistic event occurs. The timeframe during which the logistic event occurs. Date specifying the start time for the date time range. Time specifying the last day for the date time range. Time specifying the end time for the date time range. Time specifying the of time for the date time range. Time specifying the of time for the date time range. Time specifying the of time for the date time range.
r	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration logisticEventPeriod beginDate BeginTime endDate endDate logisticEventDateTime date	Type: CountryCodeType Type: restricted string Type: TransactionalPartyType (see line 61) Type: LogisticEventType Type: LogisticEventTypeCodeType Type: LogisticEventTypeCodeType Type: LogisticLocationType (see line 156) Type: DateTimeRangeType Type: date Type: time Type: date Type: time Type: DateOptionalTimeType Type: date	01 01 01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport me The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be used. The location where the logistic event occurs. The tomeframe during which the logistic event occurs. Date specifying the start time for the date time range. Time specifying the last day for the date time range. Time specifying the net the logistic event occurs. The date and time on which the logistic event occurs. The specifying the adday for the date time range. Time specifying the adday for the date time range. The date and time on which the logistic event occurs. The specification of a day as calendar date.
	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration logisticEventPeriod beginDate BeginTime endDate endTime logisticEventDateTime date time	Type: CountryCodeType Type: restricted string Type: TransactionalPartyType (see line 61) Type: LogisticEventType Type: LogisticEventTypeCodeType Type: LogisticEventTypeCodeType Type: DateStrimeAmageType Type: date Type: time Type: DateOptionalTimeType Type: date Type: time	01 01 01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport me The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be used. The location where the logistic event occurs. The timeframe during which the logistic event occurs. Date specifying the start time for the date time range. Time specifying the elast day for the date time range. Time specifying the att dime for the date time range. Time specifying the elast day for the date time range. The date and time on which the logistic event occurs. The specification of a day as calendar date. The specification of a point in time during the day.
	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration logisticEventPeriod logisticEventPeriod logisticEventDate endDate endDate endTime logisticEventDateTime logisticEventDateTime date time plannedArrival	Type: CountryCodeType Type: restricted string Type: restricted string Type: TransactionalPartyType (see line 61) Type: LogisticEventType Type: LogisticEventTypeCodeType Type: LogisticEventTypeCodeType Type: DateTimeRangeType Type: DateTimeRangeType Type: date Type: time Type: date Type: ime Type: date Type: ime	01 01 01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport me The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be used. The location where the logistic event occurs. The timeframe during which the logistic event occurs. Date specifying the start time for the date time range. Time specifying the last day for the date time range. Time specifying the end time for the date time range. The date and time on which the logistic event occurs. The date and time on which the logistic event occurs. The specification of a day as calendar date. The specification of a point in time during the day. The expected time of arrival on the designated arrival location.
	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration logisticEventPeriod beginDate BeginTime endDate endTime logisticEventDateTime date time plannedArrival actualDeparture	Type: CountryCodeType Type: restricted string Type: restricted string Type: IngisticEventType (see line 61) Type: LogisticEventTypeCodeType Type: LogisticEventTypeCodeType Type: LogisticLocationType (see line 156) Type: OdateTimeRangeType Type: date Type: time Type: time Type: time Type: time Type: date Type: time	01 01 01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport me The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be used. The location where the logistic event occurs. The timeframe during which the logistic event occurs. Date specifying the first day for the date time range. Date specifying the last day for the date time range. Time specifying the end time for the date time range. The specifying the end time for the date time range. The specification of a day as calendar date. The specification of a point in time during the day. The expected time of arrival on the designated arrival location. The actual time of departure from the designated departure location.
	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration logisticEventPeriod beginDate BeginTime endDate endTime logisticEventDateTime date time plannedArrival actualDeparture logisticLocation logisticLogisticLocation logisticLogisticLocation logisticLocation logisticLogisticLocation logisticLogisticLogisticL	Type: CountryCodeType Type: restricted string Type: restricted string Type: restricted string Type: LogisticEventType (see line 61) Type: LogisticEventTypeCodeType Type: LogisticEventTypeCodeType Type: DateTimeRangeType Type: date	01 01 01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport me The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be used. Measurement value specifying the duration of the logistic event. Will not be used. The location where the logistic event occurs. Date specifying the start time for the date time range. Time specifying the start time for the date time range. Time specifying the end time for the date time range. The date and time on which the logistic event occurs. The specification of a day as calendar date. The specification of a point in time during the day. The expected time of arrival on the designated departure location. The location where the logistic event occurs.
	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration logisticEventPeriod beginDate BeginTime endDate endTime logisticEventDateTime date time plannedArrival actualDeparture logisticLocation address	Type: CountryCodeType Type: restricted string Type: restricted string Type: TransactionalPartyType (see line 61) Type: LogisticEventType Type: LogisticEventTypeCodeType Type: LogisticEventTypeCodeType Type: LogisticLocationType (see line 156) Type: DateTimeRangeType Type: date Type: time Type: date Type: time Type: DateOptionalTimeType Type: date Type: time Type: LogisticEventType (see line 183) Type: LogisticEventType (see line 156) Type: LogisticEventType (see line 183) Type: LogisticLocationType (see line 156)	01 01 01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport m The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be used. The asurement value specifying the duration of the logistic event. Will not be used. The location where the logistic event occurs. Date specifying the first day for the date time range. Time specifying the last day for the date time range. Time specifying the start time for the date time range. The date and time on which the logistic event occurs. The specification of a day as calendar date. The specification of a point in time during the day. The expected time of arrival on the designated arrival location. The actual time of departure from the designated departure location. The location where the logistic event occurs. Address of the party involved in the business transaction.
	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration logisticEventPeriod beginDate BeginTime endDate endTime logisticEventDateTime date time plannedArrival actualDeparture logisticLocation logisticLogisticLocation logisticLogisticLocation logisticLocation logisticLogisticLocation logisticLogisticLogisticL	Type: CountryCodeType Type: restricted string Type: restricted string Type: restricted string Type: LogisticEventType (see line 61) Type: LogisticEventTypeCodeType Type: LogisticEventTypeCodeType Type: DateTimeRangeType Type: date	01 01 01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport m The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be to Measurement value specifying the duration of the logistic event. Will not be used. The location where the logistic event occurs. Date specifying the start time for the date time range. Time specifying the start time for the date time range. Time specifying the and time for the date time range. The date and time on which the logistic event occurs. The specification of a day as calendar date. The specification of a point in time during the day. The expected time of arrival on the designated departure location. The location where the logistic event occurs.
	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration logisticEventPeriod beginDate BeginTime endDate endTime logisticEventDateTime date time plannedArrival actualDeparture logisticLocation address	Type: CountryCodeType Type: restricted string Type: restricted string Type: TransactionalPartyType (see line 61) Type: LogisticEventType Type: LogisticEventTypeCodeType Type: LogisticEventTypeCodeType Type: LogisticLocationType (see line 156) Type: DateTimeRangeType Type: date Type: time Type: date Type: time Type: DateOptionalTimeType Type: date Type: time Type: LogisticEventType (see line 183) Type: LogisticEventType (see line 156) Type: LogisticEventType (see line 183) Type: LogisticLocationType (see line 156)	01 01 01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport me The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be used. The asurement value specifying the duration of the logistic event. Will not be used. The location where the logistic event occurs. Date specifying the first day for the date time range. Time specifying the last day for the date time range. Time specifying the start time for the date time range. The date and time on which the logistic event occurs. The specification of a day as calendar date. The specification of a point in time during the day. The expected time of arrival on the designated arrival location. The actual time of departure from the designated departure location. The location where the logistic event occurs. Address of the party involved in the business transaction.
	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration logisticEventDeriod logisticEventPeriod logisticEventDate endDate endDate endTime logisticEventDateTime date time plannedArrival actualDeparture logisticLocation address city	Type: CountryCodeType Type: restricted string Type: restricted string Type: IogisticEventType (see line 61) Type: LogisticEventTypeCodeType Type: LogisticEventTypeCodeType Type: DateTimeRangeType Type: DateTimeRangeType Type: date Type: time Type: date Type: date Type: date Type: date Type: date Type: date Type: ime Type: date Type: ime Type: ime Type: ime Type: ime Type: logisticEventType (see line 183) Type: LogisticEventType (see line 156) Type: LogisticEventType (see line 183) Type: LogisticEventType (see line 156) Type: AddressType Type: restricted string	01 01 01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport me The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be used. The location where the logistic event occurs. The timeframe during which the logistic event occurs. Date specifying the start time for the date time range. Time specifying the start time for the date time range. The date and time on which the logistic event occurs. The specifying the start time for the date time range. The specification of a day as calendar date. The specification of a day as calendar date. The specification of a day and the designated arrival location. The actual time of departure from the designated departure location. The location where the logistic event occurs. Address of the party involved in the business transaction. Text specifying the name of the city.
	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration logisticEventDeriod logisticEventPeriod logisticEventDerime logisticEventDateTime logisticEventDateTime plannedArrival actualDeparture logisticLocation address city logisticEventPeriod logisticEventPeriod logisticEventPeriod	Type: CountryCodeType Type: restricted string Type: restricted string Type: restricted string Type: logisticEventType (see line 61) Type: LogisticEventTypeCodeType Type: LogisticEventTypeCodeType Type: LogisticLocationType (see line 156) Type: DateTimeRangeType Type: date Type: date Type: time Type: date Type: time Type: date Type: time Type: time Type: time Type: time Type: togisticEventType (see line 183) Type: LogisticEventType (see line 156) Type: LogisticLocationType (see line 156) Type: LogisticEventType (see line 156) Type: LogisticLocationType (see line 156) Type: AddressType Type: DateTimeRangeType Type: DateTimeRangeType	01 01 01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport me The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be used. The location where the logistic event cocurs. The timeframe during which the logistic event occurs. Date specifying the start time for the date time range. Time specifying the start time for the date time range. Time specifying the end time for the date time range. The date and time on which the logistic event occurs. The specification of a day as calendar date. The specification of a day as calendar date. The specification of a point in time during the day. The actual time of arrival on the designated departure location. The location where the logistic event occurs. Address of the party involved in the business transaction. Text specifying the name of the city. The timeframe during which the logistic event occurs.
	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration logisticEventPeriod beginDate BeginTime endDate logisticEventDuration logisticEventPeriod beginDate gentTime endDate logisticEventDateTime date time plannedArrival actualDeparture logisticLocation address city logisticEventPeriod beginDate	Type: CountryCodeType Type: restricted string Type: restricted string Type: TransactionalPartyType (see line 61) Type: LogisticEventType Type: LogisticEventTypeCodeType Type: LogisticEventTypeCodeType Type: LogisticLocationType (see line 156) Type: DateTimeRangeType Type: date Type: time Type: date Type: date Type: logisticEventType (see line 183) Type: LogisticEventType (see line 183) Type: LogisticEventType (see line 156) Type: AddressType Type: AddressType Type: restricted string Type: DateTimeRangeType Type: DateTimeRangeType Type: date	01 01 01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport m. The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be used. The specifying the type of logistic event. Example: Customs clearance Will not be used. The location where the logistic event occurs. Date specifying the first day for the date time range. Time specifying the last day for the date time range. Time specifying the last day for the date time range. The date and time on which the logistic event occurs. The specification of a day as calendar date. The specification of a day as calendar date. The specification of a point in time during the day. The expected time of departure from the designated departure location. The location where the logistic event occurs. Address of the party involved in the business transaction. Text specifying the name of the city. The timeframe during which the logistic event occurs. Address of the party involved in the dust measure transaction. Text specifying the name of the city.
	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration logisticEventPeriod beginDate BeginTime endDate endDate endDate logisticEventDateTime date date time plannedArrival actualDeparture logisticLocation address city logisticEventPeriod beginDate beginDate logisticLocation address city logisticEventPeriod beginDate beginTime begi	Type: CountryCodeType Type: restricted string Type: restricted string Type: TransactionalPartyType (see line 61) Type: LogisticEventType Type: LogisticEventTypeCodeType Type: LogisticEventType(see line 156) Type: DateTimeRangeType Type: date Type: time Type: date Type: time Type: date Type: time Type: LogisticEventType (see line 183) Type: LogisticLocationType (see line 183) Type: LogisticLocationType (see line 156) Type: LogisticLocationType (see line 183) Type: LogisticLocationType (see line 156) Type: AddressType Type: restricted string Type: DateTimeRangeType Type: date Type: time Type: restricted string Type: LogisticEventType (see line 156) Type: restricted string Type: LogisticEventType (see line 156) Type: Ty	01 01 01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport me The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be used. The specifying the type of logistic event. Example: Customs clearance Will not be used. The location where the logistic event occurs. Date specifying the first day for the date time range. Time specifying the last day for the date time range. The specifying the start time for the date time range. The specification of a day as calendar date. The specification of a day as calendar date. The specification of a point in time during the day. The expected time of arrival on the designated departure location. The location where the logistic event occurs. Address of the party involved in the business transaction. Text specifying the name of the city. The timeframe during which the logistic event occurs. The time frame during which the logistic event occurs. The location where the logistic event occurs. Address of the party involved in the business transaction. Text specifying the name of the city.
	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration logisticEventPeriod beginDate BeginTime endDate endTime logisticEventDateTime logisticEventDateTime logisticEventDateTime logisticLocation address city logisticEventPeriod logisticEventPeriod logisticEventPeriod logisticEventPeriod logisticLocation address city logisticEventPeriod logisticEventP	Type: CountryCodeType Type: restricted string Type: restricted string Type: IogisticEventType (see line 61) Type: LogisticEventTypeCodeType Type: LogisticEventTypeCodeType Type: DateTimeRangeType Type: DateDitonalTimeType Type: date Type: time Type: LogisticEventType (see line 183) Type: LogisticEventType (see line 156) Type: AddressType Type: restricted string Type: DateTimeRangeType Type: date Type: time Type: DateTimeRangeType Type: date Type: LogisticEventType (see line 183) Type: LogisticEventType (see line 183) Type: LogisticEventType (see line 183) Type: AddressType Type: restricted string Type: date Type: time Type: date Type: time Type: date	01 01 01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport me The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be used. The location where the logistic event occurs. The timeframe during which the logistic event occurs. Date specifying the start time for the date time range. Time specifying the elast day for the date time range. The specification of a day as calendar date. The specification of a point in time during the day. The actual time of apoint in time during the day. The actual time of departure from the designated departure location. The location where the logistic event occurs. Date specifying the enter from the designated departure location. The specification of a point in time during the day. The expected time of departure from the designated departure location. The location where the logistic event occurs. Address of the party involved in the business transaction. Text specifying the name of the city. The timeframe during which the logistic event occurs. Date specifying the first day for the date time range. Date specifying the start time for the date time range. Date specifying the start time for the date time range. Date specifying the start time for the date time range. Date specifying the first day for the date time range. Date specifying the first day for the date time range.
	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration logisticEventPeriod logisticEventPeriod logisticEventDate logisticEventDateTime logisticEventDateTime logisticLocation address city logisticEventPeriod logi	Type: CountryCodeType Type: restricted string Type: restricted string Type: restricted string Type: logisticEventType (see line 61) Type: LogisticEventTypeCodeType Type: LogisticEventTypeCodeType Type: DateTimeRangeType Type: DateOptionalTimeType Type: date Type: date Type: time Type: LogisticEventType (see line 183) Type: LogisticEventType (see line 183) Type: LogisticEventType (see line 156) Type: LogisticEventType (see line 156) Type: LogisticEventType (see line 183) Type: LogisticEventType (see line 156) Type: AddressType Type: restricted string Type: DateTimeRangeType Type: date Type: date Type: Type: IngisticEventType (see line 156) Type: AddressType Type: AddressType Type: date Type: IngisticEventType Type: IngisticEventEventEventEventEventEventEventEvent	01 01 01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport me The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be used. The location where the logistic event occurs. The timeframe during which the logistic event occurs. Date specifying the start time for the date time range. Time specifying the start time for the date time range. The specifying the start time for the date time range. The specifying the alt day for the date time range. The specification of a day as calendar date. The specification of a day as calendar date. The specification of a point in time during the day. The actual time of departure from the designated departure location. The location where the logistic event occurs. Address of the party involved in the business transaction. Text specifying the name of the city. The timeframe during which the logistic event occurs. The specifying the and of the city. The timeframe during which the logistic event occurs. The specifying the name of the city. The timeframe during which the logistic event occurs. Date specifying the name of the city. The timeframe during which the logistic event occurs. Date specifying the start time for the date time range. Time specifying the start time for the date time range. Time specifying the last day for the date time range. Time specifying the last day for the date time range. Time specifying the end time for the date time range. Time specifying the end time for the date time range. Time specifying the end time for the date time range.
	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration logisticEventDeriod beginDate BeginTime endDate endTime logisticEventDateTime logisticEventDateTime logisticLocation address city logisticEventPeriod beginDate BeginTime endDate logisticEventPeriod logisticEventPerio	Type: CountryCodeType Type: restricted string Type: restricted string Type: TransactionalPartyType (see line 61) Type: LogisticEventType Type: LogisticEventTypeCodeType Type: LogisticEventTypeCodeType Type: LogisticLocationType (see line 156) Type: DateTimeRangeType Type: date Type: date Type: time Type: DateOptionalTimeType (see line 183) Type: LogisticEventType (see line 183) Type: LogisticEventType (see line 156) Type: topisticEventType (see line 183) Type: LogisticEventType (see line 156) Type: LogisticEventType (see line 183) Type: LogisticEventType (see line 156) Type: AddressType Type: restricted string Type: DateTimeRangeType Type: date Type: date Type: date Type: LogisticEventType (see line 156) Type: RedTemeRangeType Type: date Type: time Type: date Type: time Type: date Type: time	01 01 01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport m. The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be used. The asymemt value specifying the duration of the logistic event. Will not be used. The location where the logistic event occurs. Date specifying the first day for the date time range. Time specifying the start time for the date time range. Time specifying the start time for the date time range. The specification of a day as calendar date. The specification of a day as calendar date. The specification of a point in time during the day. The expected time of arrival on the designated departure location. The location where the logistic event occurs. Address of the party involved in the business transaction. Text specifying the start time for the date time range. The timeframe during which the logistic event occurs. Address of the party involved in the business transaction. The timeframe during which the logistic event occurs. Date specifying the name of the city. The timeframe during which the logistic event occurs. Date specifying the start time for the date time range. Time specifying the start time for the date time range. Time specifying the last day for the date time range. Time specifying the last day for the date time range. Time specifying the last day for the date time range. Time specifying the end time for the date time range. Time specifying the ast the for the date time range. Time specifying the ast the for the date time range. Time specifying the ast the logistic event occurs.
	countryCode name transportStatusResponsibleParty plannedDeparture logisticEventTypeCode logisticEventDuration logisticEventPeriod logisticEventPeriod logisticEventDate logisticEventDateTime logisticEventDateTime logisticLocation address city logisticEventPeriod logi	Type: CountryCodeType Type: restricted string Type: restricted string Type: restricted string Type: logisticEventType (see line 61) Type: LogisticEventTypeCodeType Type: LogisticEventTypeCodeType Type: DateTimeRangeType Type: DateOptionalTimeType Type: date Type: date Type: time Type: LogisticEventType (see line 183) Type: LogisticEventType (see line 183) Type: LogisticEventType (see line 156) Type: LogisticEventType (see line 156) Type: LogisticEventType (see line 183) Type: LogisticEventType (see line 156) Type: AddressType Type: restricted string Type: DateTimeRangeType Type: date Type: date Type: Type: IngisticEventType (see line 156) Type: AddressType Type: AddressType Type: date Type: IngisticEventType Type: IngisticEventEventEventEventEventEventEventEvent	01 01 01 01 01 01 01 01	Code specifying the country for the address. The name of the party expressed in text. Party in charge of collecting and forwarding the information about the transport me The expected time of departure from the designated departure location. Code specifying the type of logistic event. Example: Customs clearance Will not be used. The location where the logistic event occurs. The timeframe during which the logistic event occurs. Date specifying the start time for the date time range. Time specifying the start time for the date time range. The specifying the alt day for the date time range. The specification of a day as calendar date. The specification of a point in time during the day. The actual time of departure from the designated departure location. The actual time of departure from the designated departure location. The specifying the name of the city. The timeframe during which the logistic event occurs. The transport of day as calendar date. The specification of a point in time during the day. The actual time of departure from the designated departure location. The location where the logistic event occurs. Address of the party involved in the business transaction. Text specifying the name of the city. The timeframe during which the logistic event occurs. Date specifying the start time for the date time range. Time specifying the first day for the date time range. Time specifying the last day for the date time range. Time specifying the last day for the date time range. Time specifying the last day for the date time range.

logisticLocation Type: LogisticLocationType (see line 156) 0.1 The location where the logistic event occurs.	
address Type: AddressType 0.1 Address of the party involved in the business	s transaction.
city Type: restricted string 0.1 Text specifying the name of the city.	

logisticEventPeriod 1		Type: DateTimeRangeType	01	The timeframe during which the logistic event occurs.
	beginDate	Type: date	01	Date specifying the first day for the date time range.
	BeginTime	Type: time	01	Time specifying the start time for the date time range.
	endDate	Type: date	01	Date specifying the last day for the date time range.
	endTime	Type: time	01	Time specifying the end time for the date time range.
logistic	EventDateTime	Type: DateOptionalTimeType	01	The date and time on which the logistic event occurs.
	date	Type: date	1	The specification of a day as calendar date.
	time	Type: time	01	The specification of a point in time during the day.

actualLoading	Type: LogisticEventType (see line 183)	01	The actual time and location of loading.
logisticLocation	Type: LogisticLocationType (see line 156)	01	The location where the logistic event occurs.
address	Type: AddressType	01	Address of the party involved in the business transaction.
city	Type: restricted string	01	Text specifying the name of the city.

logisticEventPeriod	Type: DateTimeRangeType	01	The timeframe during which the logistic event occurs.
beginDate	Type: date	01	Date specifying the first day for the date time range.
BeginTime	Type: time	01	Time specifying the start time for the date time range.
endDate	Type: date	01	Date specifying the last day for the date time range.
endTime	Type: time	01	Time specifying the end time for the date time range.
logisticEventDateTime	Type: DateOptionalTimeType	01	The date and time on which the logistic event occurs.
date	Type: date	1	The specification of a day as calendar date.
time	Type: time	01	The specification of a point in time during the day.

actualUnloading		Type: LogisticEventType (see line 183)	01	The actual time and location of unloading.
logisticLocation		Type: LogisticLocationType (see line 156)	01	The location where the logistic event occurs.
address		Type: AddressType	01	Address of the party involved in the business transaction.
city		Type: restricted string	01	Text specifying the name of the city.

logistic	EventPeriod	Type: DateTimeRangeType	01	The timeframe during which the logistic event occurs.
	beginDate	Type: date	01	Date specifying the first day for the date time range.
	BeginTime	Type: time	01	Time specifying the start time for the date time range.
	endDate	Type: date	01	Date specifying the last day for the date time range.
	endTime	Type: time	01	Time specifying the end time for the date time range.
logistic	EventDateTime	Type: DateOptionalTimeType	01	The date and time on which the logistic event occurs.
	date	Type: date	1	The specification of a day as calendar date.
	time	Type: time	01	The specification of a point in time during the day.

	recipientSignOff	Type: LogisticEventType (see line 183)	01	Details on the sign-off of the receipt at the arrival location, such as the responsible person.
	plannedWayPoint	Type: LogisticEventType (see line 183)	0n	An planned 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,
	actualWayPoint	Type: LogisticEventType (see line 183)	0n	An administrative procedure that took 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,

	associatedPerson	Type: PersonType	0n	A person associated with the execution of this transport movement, for example the driver.	
personName		Type: string	1	Text used to identify the person, such as the family name and given name.	
	dateOfBirth	Type: date	01	Calendar date on which the person was born.	
	gender	Type: GenderEnumerationType	01	Code specifying the sex of the person.	
	nationality	Type: CountryCodeType	0n	Code specifying the nation the person belongs to by birth or naturalization.	
	identityDocument	Type: IdentityDocumentType	0n	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).	
	identityDocumentNumber	Type: string	1	Unique identifier in this identity document, intended to identify a particular person.	
	identityDocumentType	Type: IdentityDocumentTypeCodeType	1	Code specifying the type of identity document.	
	identityDocumentIssuer	Type: string	01	Text specifying the issuer of the identity document.	
				• • • • •	
	relatedTransportMeans	Type: TransportMeansType	01	The type of vehicle, aircraft, vessel or other device used for the transport of goods in this	
				transport movement.	
	transportMeansType	Type: TransportMeansTypeCodeType	1	Code specifying the type of vehicle, aircraft, vessel or other device used for the transport of	
	· · · · · · · · · · · · · · · · · · ·			goods.	
	transportMeansName	Type: IdentifierType	01	The unique identifier of a particular means of transport. E.g. A license plate number or vessel	
	a anopor aneanon anne	, per dentiler, pe	0.12		
	transportMeansID	Type: string	01	The name, expressed as text, of a particular means of transport. E.g. The vessel name.	
	communicationChannel	Type:CommunicationChannelType (see line 87)	0n	The channel or manner in which a communication can be made with the transport means. E.	
			0	telephone or email.	
	relatedTransportEquipment	Type: TransportEquipmentType (see line 134)	0n	The type of trailer, container, ULD or other device used for the transport of goods in this	
	related manaport Equipment	Type. TransportEquipment Type (see line 134)	01	transport movement.	
	transportEquipmentTypeCode	Type: CodeType	1		
	returnableAssetTypeIdentification	Type: ReturnableAssetIdentificationType	01	Code specifying the transport equipment size and type. The returnable asset identifier for the type of transport equipment. The returnable asset identifier for an individual piece of transport equipment. The individual asset identifier for an individual piece of transport equipment.	
	individualReturnableAssetIdentification	Type: ReturnableAssetIdentificationType	01 0n		
	individualAssetIdentification		0n		
	individualAssetidentification	Type: IndividualAssetIdentificationType	011	The individual asset identifier for an individual piece of transport equipment.	
	giai	Turner CIAITurne	1	Clobal Individual Accet Identifier (CIAI) the CS1 key used for the identification of individual	
	giai	Type: GIAIType	1	Global Individual Asset Identifier (GIAI), the GS1 key used for the identification of individual	
	giai additionalIndividualAssetIdentification	Type: GIAIType Type: AdditionalIndividualAssetIdentificationType	1 0n	Global Individual Asset Identifier (GIAI), the GS1 key used for the identification of individual assets. Identifier of the asset, specified in addition to the GIAI.	
			1 0n	assets.	
transp			01	assets.	
	additionalIndividualAssetIdentification	Type: AdditionalIndividualAssetIdentificationType		assets. Identifier of the asset, specified in addition to the GIAI.	
log	additionalIndividualAssetIdentification additionalIndividualAssetIdentification portStatusNotificationLogisticUnit	Type: AdditionalIndividualAssetIdentificationType Type: transportStatusNotificationLogisticUnitType		assets. Identifier of the asset, specified in addition to the GIAI.	
log	additionalIndividualAssetIdentification additionalIndividualAssetIdentification portStatusNotificationLogisticUnit pgisticUnitIdentificationType	Type: AdditionalIndividualAssetIdentificationType Type: transportStatusNotificationLogisticUnitType Extention base: LogisticUnitIdentificationType (see line 141)	01	assets. Identifier of the asset, specified in addition to the GIAI.	
log shi rec	portStatusNotificationLogisticUnit ogisticUnitIdentificationType hipper eceiver	Type: AdditionalIndividualAssetIdentificationType Type: transportStatusNotificationLogisticUnitType Extention base: LogisticUnitIdentificationType (see line 141) Type: TransactionalPartyType (see line 61) Type: TransactionalPartyType (see line 61)	01	assets. Identifier of the asset, specified in addition to the GIAI.	
log shi rec rel	portStatusNotificationLogisticUnit ogisticUnitIdentificationType hipper	Type: AdditionalIndividualAssetIdentificationType Type: transportStatusNotificationLogisticUnitType Extention base: LogisticUnitIdentificationType (see line 141) Type: TransactionalPartyType (see line 61) Type: ConsignmentIdentificationType (see line 123)	01 1 01 01	assets. Identifier of the asset, specified in addition to the GIAI. Information on the status and movements of a logistic unit. The logistic unit addressed in this status report A party which engages in shipping this logistic unit. A party which engages in receiving this logistic unit. Identification of the consignment in which the logistic unit is contained.	
log shi rec rel	portStatusNotificationLogisticUnit pgisticUnitIdentificationType hipper eceiver elatedConsignment eassignedConsignment	Type: AdditionalIndividualAssetIdentificationType Type: transportStatusNotificationLogisticUnitType Extention base: LogisticUnitIdentificationType (see line 141) Type: TransactionalPartyType (see line 61) Type: ConsignmentIdentificationType (see line 123) Type: ConsignmentIdentificationType (see line 123)	01 1 01 01 01	assets. Identifier of the asset, specified in addition to the GIAI. Information on the status and movements of a logistic unit. The logistic unit addressed in this status report A party which engages in shipping this logistic unit. A party which engages in receiving this logistic unit. Identification of the consignment in which the logistic unit is contained. Identification of the consignment to which the logistic unit has been reassigned.	
log shi rec rel rea rea	portStatusNotificationLogisticUnit gisticUnitIdentificationType hipper ecceiver elatedConsignment eassignedConsignment elatedShipment	Type: AdditionalIndividualAssetIdentificationType Type: transportStatusNotificationLogisticUnitType Extention base: LogisticUnitIdentificationType (see line 141) Type: TransactionalPartyType (see line 61) Type: TransactionalPartyType (see line 61) Type: ConsignmentIdentificationType (see line 123) Type: ShipmentIdentificationType (see line 123) Type: ShipmentIdentificationType (see line 129)	01 1 01 01 01 01 01	assets. Identifier of the asset, specified in addition to the GIAI. Information on the status and movements of a logistic unit. The logistic unit addressed in this status report A party which engages in shipping this logistic unit. A party which engages in receiving this logistic unit. Identification of the consignment in which the logistic unit is contained. Identification of the shipment to which the logistic unit has been reassigned. Identification of the shipment in which the logistic unit is contained.	
log shi rec rel rea rea rea rea	portStatusNotificationLogisticUnit gisticUnitIdentificationType hipper eceiver elatedConsignment elatedConsignment elatedShipment ransportStatus	Type: AdditionalIndividualAssetIdentificationType Type: transportStatusNotificationLogisticUnitType Extention base: LogisticUnitIdentificationType (see line 141) Type: TransactionalPartyType (see line 61) Type: ConsignmentIdentificationType (see line 123) Type: ConsignmentIdentificationType (see line 123) Type: ShipmentIdentificationType (see line 129) Type: TransportStatusType (see line 150)	01 1 01 01 01 01 01 1n	assets. Identifier of the asset, specified in addition to the GIAI. Information on the status and movements of a logistic unit. The logistic unit addressed in this status report A party which engages in shipping this logistic unit. A party which engages in receiving this logistic unit. Identification of the consignment in which the logistic unit is contained. Identification of the shipment in which the logistic unit has been reassigned. Identification of the shipment in which the logistic unit is contained. The transport status details for this logistic unit.	
log shi rec rel rel rel tra tra	portStatusNotificationLogisticUnit ogisticUnitIdentificationType hipper eceiver elatedConsignment elatedShipment ransportStatus ransportStatusNotificationTransportMovement	Type: AdditionalIndividualAssetIdentificationType Type: transportStatusNotificationLogisticUnitType Extention base: LogisticUnitIdentificationType (see line 141) Type: TransactionalPartyType (see line 61) Type: ConsignmentIdentificationType (see line 123) Type: ConsignmentIdentificationType (see line 123) Type: TransortStatusType (see line 129) Type: TransportStatusType (see line 150) Type: TransportStatusNotificationTransportMovementType (see line 177)	01 1 01 01 01 01 1n 0n	assets. Identifier of the asset, specified in addition to the GIAI. Information on the status and movements of a logistic unit. The logistic unit addressed in this status report A party which engages in shipping this logistic unit. A party which engages in receiving this logistic unit. Identification of the consignment in which the logistic unit is contained. Identification of the shipment in which the logistic unit has been reassigned. Identification of the shipment in which the logistic unit is contained. Identification of the shipment in which the logistic unit is contained. The transport status details for this logistic unit. The transport movement details for this logistic unit.	
log shi rec rel rel tra tra transp	additionalIndividualAssetIdentification additionalIndividualAssetIdentification ogisticUnitIdentificationType hipper eceiver elatedConsignment eassignedConsignment elatedShipment ransportStatusNotificationTransportMovement portStatusNotificationTransportMeans	Type: AdditionalIndividualAssetIdentificationType Type: transportStatusNotificationLogisticUnitType Extention base: LogisticUnitIdentificationType (see line 141) Type: TransactionalPartyType (see line 61) Type: ConsignmentIdentificationType (see line 123) Type: ShipmentIdentificationType (see line 123) Type: TransportStatusType (see line 129) Type: TransportStatusType (see line 150) Type: TransportStatusNotificationTransportMovementType (see line 177) Type: transportStatusNotificationTransportMeansType	01 1 01 01 01 01 01 1n	assets. Identifier of the asset, specified in addition to the GIAI. Information on the status and movements of a logistic unit. The logistic unit addressed in this status report A party which engages in shipping this logistic unit. A party which engages in receiving this logistic unit. Identification of the consignment in which the logistic unit is contained. Identification of the shipment in which the logistic unit has been reassigned. Identification of the shipment in which the logistic unit is contained. The transport status details for this logistic unit.	
log shi rec rel rel tra tra transpo	additionalIndividualAssetIdentification additionalIndividualAssetIdentification additionalIndividualAssetIdentification additionalIndividualAssetIdentification additionalIndividualAssetIdentification aggisticUnitIdentificationType hipper eceiver elatedConsignment elatedShipment ransportStatusNotificationTransportMovement portStatusNotificationTransportMeans ransportMeansType	Type: AdditionalIndividualAssetIdentificationType Type: transportStatusNotificationLogisticUnitType Extention base: LogisticUnitIdentificationType (see line 141) Type: TransactionalPartyType (see line 61) Type: ConsignmentIdentificationType (see line 123) Type: ShipmentIdentificationType (see line 123) Type: TransportStatusType (see line 129) Type: TransportStatusType (see line 150) Type: TransportStatusNotificationTransportMovementType (see line 177) Type: transportStatusNotificationTransportMeansType Extention base: TransportMeansType (see line 212)	01 1 01 01 01 01 1n 0n 0n 1	assets. Identifier of the asset, specified in addition to the GIAI. Information on the status and movements of a logistic unit. The logistic unit addressed in this status report A party which engages in shipping this logistic unit. A party which engages in receiving this logistic unit. Identification of the consignment in which the logistic unit is contained. Identification of the consignment to which the logistic unit has been reassigned. Identification of the shipment in which the logistic unit is contained. Identification of the shipment in which the logistic unit is contained. The transport status details for this logistic unit. The transport movement details for this logistic unit. Information on the status, movements and event log of one or more means of transport	
log shi red red red tra tra tra tra tra tra tra tra	portStatusNotificationLogisticUnit ogisticUnitIdentificationType hipper eceiver elatedConsignment elatedShipment ransportStatusNotificationTransportMovement portStatusNotificationTransportMovement portStatusNotificationTransportMeans ransportMeansType ransportMeansType	Type: AdditionalIndividualAssetIdentificationType Type: transportStatusNotificationLogisticUnitType Extention base: LogisticUnitIdentificationType (see line 141) Type: TransactionalPartyType (see line 61) Type: TransactionalPartyType (see line 61) Type: ConsignmentIdentificationType (see line 123) Type: ConsignmentIdentificationType (see line 123) Type: TransportStatusType (see line 150) Type: TransportStatusNotificationTransportMovementType (see line 177) Type: TransportStatusNotificationTransportMeansType Extention base: TransportMeansType (see line 61)	01 1 01 01 01 01 01 1n 0n 1 0n	assets. Identifier of the asset, specified in addition to the GIAI. Information on the status and movements of a logistic unit. The logistic unit addressed in this status report A party which engages in shipping this logistic unit. A party which engages in receiving this logistic unit. Identification of the consignment in which the logistic unit is contained. Identification of the consignment to which the logistic unit has been reassigned. Identification of the shipment in which the logistic unit is contained. Identification of the shipment in which the logistic unit is contained. Identification of the shipment in which the logistic unit is contained. The transport movement details for this logistic unit. Information on the status, movements and event log of one or more means of transport The party who owns the transport means.	
log shi rec rel tra tra transp Tra tra tra tra tra tra tra tra	portStatusNotificationLogisticUnit ogisticUnitIdentificationType hipper eceiver elatedConsignment elatedConsignment elatedShipment ransportStatusNotificationTransportMovement portStatusNotificationTransportMovement ransportMeansType ransportMeansType ransportStatus	Type: AdditionalIndividualAssetIdentificationType Type: transportStatusNotificationLogisticUnitType Extention base: LogisticUnitIdentificationType (see line 141) Type: TransactionalPartyType (see line 61) Type: ConsignmentIdentificationType (see line 123) Type: ConsignmentIdentificationType (see line 123) Type: ConsignmentIdentificationType (see line 123) Type: TransportStatusType (see line 150) Type: transportStatusNotificationTransportMovementType (see line 177) Type: TransportStatusNotificationTransportMovementType Extention base: TransportMeansType (see line 61) Type: TransportStatusType (see line 61) Type: TransportStatusType (see line 510)	01 1 01 01 01 01 1n 0n 1 01 1n	assets. Identifier of the asset, specified in addition to the GIAI. Information on the status and movements of a logistic unit. The logistic unit addressed in this status report A party which engages in shipping this logistic unit. A party which engages in receiving this logistic unit. Identification of the consignment in which the logistic unit is contained. Identification of the consignment to which the logistic unit is contained. Identification of the shipment in which the logistic unit is contained. Ithe transport status details for this logistic unit. Information on the status, movements and event log of one or more means of transport The party who owns the transport means. The transport status details for this transport means.	
log shi rec rel tra tra transpi Tra tra tra tra tra tra tra	portStatusNotificationLogisticUnit ogisticUnitIdentificationType hipper eceiver elatedConsignment elatedShipment ransportStatusNotificationTransportMovement portStatusNotificationTransportMovement portStatusNotificationTransportMeans ransportMeansType ransportMeansType	Type: AdditionalIndividualAssetIdentificationType Type: transportStatusNotificationLogisticUnitType Extention base: LogisticUnitIdentificationType (see line 141) Type: TransactionalPartyType (see line 61) Type: TransactionalPartyType (see line 61) Type: ConsignmentIdentificationType (see line 123) Type: ConsignmentIdentificationType (see line 123) Type: TransportStatusType (see line 150) Type: TransportStatusNotificationTransportMovementType (see line 177) Type: TransportStatusNotificationTransportMeansType Extention base: TransportMeansType (see line 61)	01 1 01 01 01 01 01 1n 0n 1 0n	assets. Identifier of the asset, specified in addition to the GIAI. Information on the status and movements of a logistic unit. The logistic unit addressed in this status report A party which engages in shipping this logistic unit. A party which engages in receiving this logistic unit. Identification of the consignment in which the logistic unit is contained. Identification of the consignment to which the logistic unit has been reassigned. Identification of the shipment in which the logistic unit is contained. Identification of the shipment in which the logistic unit is contained. Information on the status, movements and event log of one or more means of transport The party who owns the transport means.	

243	transortTrackingObservation	Type: transortTrackingObservationType	0n	Information on one or more observations. An amount, size, or extent as established by
				measuring during transport.
244	transportObservationTypeCode	Type: String80Type	1	Code specifying the type of observation.
245	transportObservationValueCode	Type: CodeType	01 Cc	odCoded vale of the observation.
246	transportObservationValueMeasurement	Type: MeasurementType	01	Measurement value of the observation.
247	transportObservationValueNumeric	Type: float	01	Numeric value of the observation.
248	transportTrackingSensorObservation	Type: TransportTrackingSensorObservationType	0n	Information on one or more observations grouped by sensor.
249	sensorLocation	Type: string	1	Text specifying the location of the sensor. For example: rear door.
250	transportTrackingObservation	Type: transportTrackingObservationType	0n	The observations reported by the sensor. An amount, size, or extent as established by measuring
				during transport.
251	transportObservationTypeCode	Type: String80Type	01	Code specifying the type of observation.
252	transportObservationValueCode	Type: CodeType	01	Coded vale of the observation.
253	transportObservationValueMeasuremen	Type: MeasurementType	01	Measurement value of the observation.
254	transportObservationValueNumeric	Type: float	0n	Numeric value of the observation.
255	transportStatusNotificationTransportEquipment	Type: TransportStatusNotificationTransportEquipmentType	0n	Information on the status, movements and event log of one or more pieces of transport
				equipment.
256	TransportEquipmentType	Extention type: TransportEquipmentType (see line 134)	1	Provides information on the transport equipment
257	transportEquipmentOwner	Type: TransactionalPartyType (see line 61)	01	The party who owns the transport equipment
258	transportStatus	Type: TransportStatusType (see line 150)	1n	The transport status details for this transport equipment
259	transportStatusNotificationTransportMovement	Type: TransportStatusNotificationTransportMovementType (see line 177)	0n	The transport movement details for this transport equipment
260	transportTrackingLogEvent	Type: transportTrackingLogEventType (see line 241)	0n	The transport tracking details for this piece of transport equipment.

EPCIS Transaction Event Message

The following table provides an overview of the EPCIS Transaction Event Message structure and content.

<?xml version="1.0" encoding="UTF-8" standalone="yes"?> <epcis:EPCISDocument creationDate="2016-02-15T16:47:16.00+08:00" schemaVersion="1.1" xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCIS\EPCIS.xsd" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:epcis="urn:epcglobal:epcis:xsd:1" xmlns:eztrack="http://epcis.eztrack.org/ns/event"> <EPCISHeader> <sbdh:StandardBusinessDocumentHeader> <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion> <sbdh:Sender> <sbdh:Identifier Authority="SGLN">urn:epc:id:sgln:937777.806907.4</sbdh:Identifier> </sbdh:Sender> <sbdh:Receiver> <sbdh:Identifier Authority="SGLN">urn:epc:id:sgln:937777.813323.2</sbdh:Identifier> </sbdh:Receiver> <sbdh:DocumentIdentification> <sbdh:Standard>EPCglobal</sbdh:Standard> <sbdh:TypeVersion>1.0</sbdh:TypeVersion> <sbdh:InstanceIdentifier>urn:uuid:EPCISS2TIS001</sbdh:InstanceIdentifier> <sbdh:Type>Events</sbdh:Type> <sbdh:CreationDateAndTime>2019-07-02T09:00:00+10:00</sbdh:CreationDateAndTime> </sbdh:DocumentIdentification> </sbdh:StandardBusinessDocumentHeader>

<epcisbody></epcisbody>
<eventlist></eventlist>
Scenario 1 Nestle Step 1_0 Staging Outbound
<transactionevent></transactionevent>
<eventtime>2019-07-02T09:00:00+10:00</eventtime>
<eventtimezoneoffset>+10:00</eventtimezoneoffset>
<epclist></epclist>
< epc >urn:epc:id: sscc:093006000.000000976
<action>ADD</action>
 bizStep>urn:epcglobal:cbv:bizstep:picking
<pre><disposition>urn:epcglobal:cbv:disp:in_progress</disposition></pre>
<readpoint><id>urn:fdepilot:epcis:id:loc:Nestle Arndell Park</id></readpoint>
 bizLocation> <id>urn:fdepilot:epcis:id:loc:Nestle Arndell Park</id>
<fdepilot:packagetypecode xmlns:fdepilot="http://epcis.gs1au.org/ns/extensions">201</fdepilot:packagetypecode>
<fdepilot:cargotypecode xmlns:fdepilot="http://epcis.gs1au.org/ns/extensions">12</fdepilot:cargotypecode>
<pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre>
<pre><eztrack:fdestep>SC_Nestle-step01</eztrack:fdestep></pre> /eztrack:fdestep>

EPCIS Object Event Message

The following table provides an overview of the EPCIS Object Event Message structure and content.

<?xml version="1.0" encoding="UTF-8" standalone="yes"?> <epcis:EPCISDocument creationDate="2016-02-15T16:47:16.00+08:00" schemaVersion="1.1" xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCIS\EPCIS.xsd" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:epcis="urn:epcglobal:epcis:xsd:1" xmlns:eztrack="http://epcis.eztrack.org/ns/event"> <EPCISHeader> <sbdh:StandardBusinessDocumentHeader> <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion> <sbdh:Sender> <sbdh:Identifier Authority="SGLN">urn:epc:id:sgln:937777.813323.2</sbdh:Identifier> </sbdh:Sender> <sbdh:Receiver> <sbdh:Identifier Authority="SGLN">urn:epc:id:sgln:937777.806907.4</sbdh:Identifier> </sbdh:Receiver> <sbdh:DocumentIdentification> <sbdh:Standard>EPCglobal</sbdh:Standard> <sbdh:TypeVersion>1.0</sbdh:TypeVersion> <sbdh:InstanceIdentifier>urn:uuid:EPCISS2L1TSNLD001</sbdh:InstanceIdentifier> <sbdh:Type>**Events**</sbdh:Type> <sbdh:CreationDateAndTime>2019-07-02T10:30:00+10:00</sbdh:CreationDateAndTime> </sbdh:DocumentIdentification> </sbdh:StandardBusinessDocumentHeader> <EPCISBody> <EventList> <!-- Scenario 2 Nestle step 2_0 Loading -->

<ObjectEvent> <eventTime>2019-07-02T10:30:00+10:00</eventTime> <eventTimeZoneOffset>+10:00</eventTimeZoneOffset> <epcList> <epc>urn:epc:id:sscc:093006000.00000976</epc> </epcList> <action>OBSERVE</action>
<bizStep>urn:epcglobal:cbv:bizstep:loading</bizStep> <disposition>urn:epcglobal:cbv:disp:in_progress</disposition> <readPoint><id>urn:fdepilot:epcis:id:loc:Nestle Arndell Park</id></readPoint>

size the set of

 </bizTransactionList> <fdepilot:packageTypeCode xmlns:fdepilot="http://epcis.gs1au.org/ns/extensions">201</fdepilot:packageTypeCode> <fdepilot:cargoTypeCode xmlns:fdepilot="http://epcis.gs1au.org/ns/extensions">12</fdepilot:cargoTypeCode> <fdepilot:transportStatusConditionCode xmlns:fdepilot="http://epcis.gs1au.org/ns/extensions">48</fdepilot:transportStatusConditionCode> <fdepilot:transportModeCode xmlns:fdepilot="http://epcis.gs1au.org/ns/extensions">30</fdepilot:transportModeCode> <fdepilot:carrierName xmlns:fdepilot="http://epcis.gs1au.org/ns/extensions">Toll Holdings</fdepilot:carrierName> <eztrack:fdechain>SC_Nestle</eztrack:fdechain> <eztrack:fdestep>SC_Nestle-step02</eztrack:fdestep> </ObjectEvent> </EventList> </EPCISBody> </epcis:EPCISDocument>

GS1 Global Data Dictionary (GDD) Code Lists and Codes used for the pilot

Several of the data types in the EDI and EPCIS standard messages are code lists dependent. In is important to note that only applicable code values have been selected based on the type of transport (mode, service category, status condition, cargo and Package as it related to the depicted process flow scenarios.

Code Lists	Selected Code Values	Name	Definition
Transport Mode Codes	10	Maritime transport	This code should be used whenever the transport vehicle completes any part of its journey by sea.
	20	Rail transport	Rail transport
	30	Road transport	Road transport
Transport Service Category Codes	10	Maritime transport	This code should be used whenever the transport vehicle completes any part of its journey by sea.
	20	Rail transport	Rail transport
	30	Road transport	Road transport
Transport Status Condition Codes	48	Loaded	Loading, completed. The goods /consignment / equipment has been loaded onto a means of transport.
	27	Departed	Despatch, completed. The goods / consignment / equipment has departed from a location in the transport chain.
	31	In-Transit	On route. The goods/consignment/equipment are in the normal course of transportation to the next destination.
	1E	Arrived	Arrived. The goods/consignment/equipment/means of transport has arrived at a location.
	29	Unloaded	Unloaded. The goods/consignment/equipment have been unloaded from a means of transport.
	21	Delivery completed	Delivered. The goods/consignment/equipment/means of transport has been delivered.
Cargo Type Codes	11	Hazardous cargo	Cargo with dangerous properties, according to appropriate dangerous goods regulations.
	12	General cargo	Cargo of a general nature, not otherwise specified.
	13	Liquid cargo	Cargo in liquid form.
	14	Temperature controlled cargo	Cargo transported under specified temperature conditions.
	21	Household foods and personal effects	Cargo consisting of household foods and personal effects.
	21	Frozen cargo	Cargo of frozen products.
Package Type Codes	201	Pallet	
<i>. /P</i>	4H	Box, plastic	
	8B	Crate, wooden	
	CT	Carton	
	BZ	Bars, in bundle/bunch/truss	

Freight Data Exchange Prototype Database Tables and Data Attributes

A. TI Consignment Table

Attribute	Example Value
message.headerversion.1.0	NA
sender	NA
identifier	NA
identifier.authority	9312345000005
contact	Bronny Cuminos
emailaddress	Bronny.Cuminos@gs1au.org
faxnumber	61-3-9550-3401
telephonenumber	61-3-95503401
contact.type	Seller
receiver	NA
identifier1	NA
identifier.authority1	9312345000012
contact1	Lorraine Luks
emailaddress1	Lorraine.Luks@gs1auu.org
faxnumber1	61-2-9695-2201
telephonenumber1	61-2-9695-2200
contact.type1	Buyer
document.identification	NA
standard	GS1
type.version	3.2
instance.identifier	TRINS00001
type	Transport Instruction
multiple.type	FALSE
creationdateandtime	2020-01-30T12:00:00.000-05:00
transportinstruction	NA
creationdatetime	2020-01-30T12:00:00.000-05:00
documentstatuscode	ORIGINAL
transportinstructionidentification	NA
entityidentification	TRINS00001

transportinstructionfunction	CONSIGNMENT
logisticservicesseller	NA
gln	9312345000005
logisticservicesbuyer	NA
	9312345000012
transportinstructionconsignment	NA
ginc	9377778133232Toll Priority1
consignor	NA
gln2	9312345000005
consignee	NA
gln3	9377778133232
transportinstructionterms	NA
transportservicecategorytype	100
codelistversion	NA
transportcargocharacteristics	NA
cargotypecode	12
codelistversion1	NA
cargotypedescription	General cargo
languagecode	en
codelistversion2	NA
totalgrossvolume	0
measurementunitcode	CBM
codelistversion3	NA
totalgrossweight	1
measurementunitcode1	KGM
codelistversion4	NA
totalpackagequantity	1
measurementunitcode2	NA
codelistversion5	NA
transportinstructiontransportmovement	NA
sequencenumber	1
transportmodetypecode	30
codelistversion6	NA
planneddeparture	NA

logisticlocation	NA
address	NA
city	Mulgrave
logisticeventdatetime	NA
date	30/01/2020
plannedarrival	NA
logisticlocation1	NA
address1	NA
city1	Botany
packagetotal	NA
packagetypecode	BX
codelistversion7	NA
totalpackagequantity1	1
transportinstructionconsignmentitem	NA
lineitemnumber	1
transportcargocharacteristics1	NA
cargotypecode1	12
codelistversion8	NA
cargotypedescription1	Poster
languagecode1	en
codelistversion9	NA
logisticunit	NA
packagetypecode1	BX
codelistversion10	NA
SSCC	93125450000050000
ginc1	9377778133232Toll Priority1
creationdatetime1	2020-01-30T12:00:00.000-05:00
documentstatuscode1	ORIGINAL

B. TS Delivery Table

Attribute	Example Value
message.headerversion.1.0	NA
sender	NA
identifier	NA
identifier.authority	9312345000005
contact	Bronny Cuminos
emailaddress	Bronny.Cuminos@gs1au.org
faxnumber	61-3-9550-3401
telephonenumber	61-3-95503401
contact.type	Buyer
receiver	NA
identifier1	NA
identifier.authority1	9312345000012
contact1	Lorraine Luks
emailaddress1	Lorraine.Luks@gs1auu.org
faxnumber1	61-2-9695-2201
telephonenumber1	61-2-9695-2200
contact.type1	Seller
document.identification	NA
standard	GS1
type.version	3.2
instance.identifier	TRSN00002
type	NA
multiple.type	FALSE
creation.date	2019-12-20T12:00:00.000-05:00
transportstatusnotification	NA
transportstatusnotificationidentification	NA
entityidentification	TRSN00002
transportstatusinformationcode	INFORMATION_ON_DELIVERY
transportstatusobjectcode	CONSIGNMENT
transportstatusrequestor	NA
gln	9312345000005

transportstatusprovider	NA
gln1	9377778133232
transportstatusrequest	NA
entityidentification1	TRSR00002
transportstatusnotificationconsignment	NA
cargotypecode	12
codelistversion	NA
consignor	NA
gln2	9312345000005
consignee	NA
gln3	9312345000012
transportstatus	NA
transportstatusconditioncode	21
codelistversion1	NA
transportstatusnotificationtransportmovement	NA
sequencenumber	1
transportmodetypecode	30
codelistversion2	NA
actualdeparture	NA
logisticlocation	NA
address	NA
city	Mulgrave
logisticeventdatetime	NA
date	20/12/2019
time	31/12/2019 12:08
actualarrival	NA
logisticlocation1	NA
address1	NA
city1	Botany
logisticeventdatetime1	NA
date1	20/12/2019
time1	31/12/2019 12:08
ginc	9377778133232Toll Priority2
creationdatetime	2019-12-20T12:00:00.000-05:00

documentstatuscode	ORIGINAL

C. TS Pickup Table

Attribute	Example Value
message.headerversion.1.0	NA
sender	NA
identifier	NA
identifier.authority	9312345000005
contact	Bronny Cuminos
emailaddress	Bronny.Cuminos@gs1au.org
faxnumber	61-3-9550-3401
telephonenumber	61-3-95503401
contact.type	Buyer
receiver	NA
identifier1	NA
identifier.authority1	9312345000012
contact1	Lorraine Luks
emailaddress1	Lorraine.Luks@gs1auu.org
faxnumber1	61-2-9695-2201
telephonenumber1	61-2-9695-2200
contact.type1	Seller
document.identification	NA
standard	GS1
type.version	3.2
instance.identifier	TRSN00001
type	NA
multiple.type	no
creation.date	2020-01-31T12:00:00.000-05:00
transportstatusnotification	NA
transportstatusnotificationidentification	NA
entityidentification	TRSN00001
transportstatusinformationcode	STATUS_AND_MOVEMENT
transportstatusobjectcode	CONSIGNMENT

transportstatusrequestor	NA
gln	9312345000005
transportstatusprovider	NA
gln1	9377778133232
transportstatusrequest	NA
entityidentification1	TRSR00001
transportstatusnotificationconsignment	NA
cargotypecode	12
codelistversion	NA
consignor	NA
gln2	9312345000005
consignee	NA
gln3	9312345000012
transportstatus	NA
transportstatusconditioncode	13
codelistversion1	NA
transportstatusnotificationtransportmovement	NA
sequencenumber	1
transportmodetypecode	30
codelistversion2	NA
actualdeparture	NA
logisticlocation	NA
address	NA
city	Mulgrave
logisticeventdatetime	NA
date	31/01/2020
time	31/12/2019 11:08
actualarrival	NA
logisticlocation1	NA
address1	NA
city1	Botany
logisticeventdatetime1	NA
date1	31/01/2020
time1	31/12/2019 11:08

ginc	9377778133232Toll Priority1
creationdatetime	2020-01-30T12:00:00.000-05:00
documentstatuscode	ORIGINAL

D. Data Aggregation (list of the source attributes used to compile the freight transport measures)

Source Attribute(s)	Resultant Attribute
gsin; cargoTypeDescription; totalGrossVolume	Total Freight Volume by commodity type
gsin; transportModeTypeCode; totalGrossVolume	Total Freight Volume by transport mode
gsin; totalGrossVolume; routeIdentifier; address (shipFrom, shipTo)	Original-Destination freight volumes by route
gsin; beginDate/time; endDate/time;address (shipFrom, shipTo)	Origin-Destination average travel time
gsin; totalGrossVolume; address (shipFrom, shipTo)	Origin-Destination freight volume
gsin; beginDate/time; endDate/time; - transit	Freight Travel time spent – in transit
gsin; beginDate/time; endDate/time;	Freight Travel time spent – at DC
gsin; beginDate/time; endDate/time; - transit	Total Transit time
gsin; beginDate/time; endDate/time; sequenceNumber	Freight Transit Time by supply chain leg and handling stages
gsin; beginDate/time; endDate/time; sequenceNumber	Freight travel time for each transport leg and for the entire supply chain
gsin; beginDate/time; endDate/time; sequenceNumber	Shipment supply chain duration by stage and leg
gsin; beginDate/time; endDate/time – actual ; planned - planned	Shipment supply chain late delivery distribution
gsin; beginDate/time; endDate/time – loading	Loading Duration
gsin; beginDate/time; endDate/time - unloading	Unloading Duration
gsin; beginDate/time; endDate/time	Staging Duration
gsin; beginDate/time; endDate/time – from 1 st leg departure to last leg delivery	Travel Duration
gsin; beginDate/time; endDate/time- from 1 st leg loading to last leg unloading	Total Duration

Glossaries

Glossary of GS1 Terms.docx Glossary of Transportation & Logistics Terms.docx Glossary of Common Open Data Terms.docx

References

GS1 Global Data Standards - GS1 Australia Submission.pdf GS1 standards recognised by ISO and other standard bodies.pdf GS1_Logistics_Interoperability_Model_Application_Standard.pdf Freight and Logistics Message Implementation Guidelines (MIGS) GDD Codelist – EDI Australian Transport Instruction Guideline v1.0.pdf Australian Transport Status Notification Guideline v1.0.pdf GS1 Global MIG – Transport Instruction and Response R3-2-2014.pdf GS1 Global MIG – Transport Status Request and Notification R3-2-2014.pdf

The National Freight Data Hub.docx National Freight and Supply Chain Strategy.pdf National Action Plan – August 2019.pdf Austroads_Report_0317.pdf

iMove - Freight_Data_Requirements_Study_Final_Report_v2.1.pdf