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Recommendations and standards:**Recommendation for approval****Recommendation No. 2: Revision of ECE Layout Key:
semantic information and codes in international trade data
exchange¹****Submitted by the Bureau***Summary*

This Recommendation No. 2 is a revision of 1981 Recommendation on ECE Layout Key. It aims at promoting the use of clear, structured semantics and coded information in data exchange. Using codified data instead of textual inputs and referencing freely available code lists can ensure that all parties involved understand the same data in the same way. This Recommendation with its guidelines provides a clear definition of key concepts, elaborates on the supply chain process-driven approach to trade data exchanges, outlines the structure of electronic data exchanges and lists key anchors. The Recommendation is supplemented by UN/CEFACT Code lists and the semantic dictionary of key international trade terms for use within UN/CEFACT work.

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¹ This recommendation is a revision of the Recommendation 2 on ECE Layout Key. It has been updated to reflect the movement towards digitalization and the ECE Electronic Layout Key.



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Part I

Recommendation No. 2: semantic information and codes in international trade data exchange

A. Introduction

1. United Nations Economic Commission for Europe (ECE) Recommendation No. 2 was originally approved at the same time as ECE Recommendation No. 1: United Nations Layout Key for Trade Documents to underline the importance of unambiguous definition of the information in documents and to recommend the use of code lists to the extent possible. It was later integrated into the United Nations Layout Key for paper documents and no longer existed as a stand-alone recommendation. However, today's digitalized environment the definition of information remains an important issue for electronic data exchanges.

2. Ensuring that all parties understand the same information in the same way is even more pertinent as multiple data exchange methods emerge. The semantic meaning—or base meaning—of each individual data element, whether it be in a paper document or within an electronic message, needs to be clearly defined to avoid errors, miscomprehension, misalignment or non-interoperability.

3. Alignment to international standards is important to ensure interoperability and effective data exchange, especially in an electronic environment. The importance of international standards is further accentuated by the World Trade Organization Trade Facilitation Agreement in its article 10.3 use of international standards.

B. Purpose and scope

4. Semantics is at the base of every data exchange, whether paper or electronic. The sender and receiver must mutually comprehend the information in order to ensure that all the terms and conditions of the transaction or of the data exchange are clearly understood. Every word has a meaning; however, in a world where data exchange methods are multiplying, two partners can define their own definitions for each term independent of any other model. This can create confusion between data which might use a same identifier (such as “date-time of arrival”) but which may have different meanings depending on the partners who are using it (port terminal, warehouse, manufacturing factory, etc.) and the context of the exchange.

5. Although data programmers can create bridges between different data sets, in an environment of international standards, this should be harmonized and clearly defined so that all standards development organizations, all software developers, all implementers can be assured that they are meaning the same thing when they are talking with their partners.

6. The United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT) has been constructing base semantics since the 1970s with the United Nations Layout Key, then with the United Nations Trade Data Element Dictionary (UNTDDED), then in the 1980s with the United Nations Rules for Electronic Data Interchange for Administration, Commerce and Transport (UN/EDIFACT), since the 2000s with its Core Component Library (CCL) and since 2015 with its reference data models. Much of this work is showcased in this recommendation, is available free of charge on the UN/CEFACT websites and is proposed as a semantic base for all parties involved in exchanging data—paper or electronic.

C. Benefits

7. The use of clear, structured semantics and coded information in data exchange helps to ensure that all parties involved understand the same data in the same way. This, in turn, saves money and time as mappings between data are less time consuming. It also helps software providers and implementers to create the proper data sets from the outset,

eliminating the need to make bilateral agreements and holding negotiations to define each term and each business case; instead, they only need to reference to the relevant international standard.

D. International standards

8. The main recommendation in this document is to use international standards for e-business data exchange. Stakeholders are encouraged to use UN/CEFACT semantic standards relevant to their operations for several reasons. These principles and definitions are the fruit of over fifty years of collaboration and research, ensuring the robustness of the main principles. As an organization, UN/CEFACT provides an open forum for all experts from the private and public sectors to collaborate and is not dominated by any single government agency or private interest group; all have an equal voice in the development process. United Nations Member States from every region of the world have the final decisional power in the UN/CEFACT Plenary and all deliverables of UN/CEFACT are published on public United Nations webpages free of charge for the benefit of all—including micro, small and medium-sized enterprises, least developed countries, Organisation for Economic Cooperation and Development (OECD) economies and large enterprises. What's more, UN/CEFACT ensures harmonization of all business processes along the international supply chain, which means that each “document” which is dematerialized is aligned with all related documents and the results are completely interoperable by design.

9. The UN/CEFACT strategy aims to create a single semantic hub for all internal developments, and the work of other standards setting bodies and organizations. The data needs from other organizations have been integrated into the UN/CEFACT semantic libraries over the years and harmonized with the business needs of all other data in these libraries. Over the past two decades, such collaborations have taken place with the World Customs Organization, the International Air Cargo Association, and Open Applications Group Inc. (the OAGi), among others. This is also in the spirit of ECE Recommendation No. 33 on single windows.

E. Recommendation

10. In light of the above, UN/CEFACT recommends the following:

- All public and private sector supply chain actors should prioritize codified data instead of textual inputs and reference, whenever possible, freely available code lists like those maintained by UN/CEFACT.
- All public and private sector supply chain actors should carefully consider the semantic meaning of data when establishing electronic data exchange, taking into consideration the guidelines accompanying this recommendation, and keep a transparent record of these.
- All electronic business data dematerialization efforts should be harmonized using a wholistic view of the international supply chain.
- All public and private sector supply chain actors should consider using UN/CEFACT semantic standards, either as the base of their electronic exchanges, as a reference in the message structures, or as a mapping to facilitate interoperability.
- Should it be discovered that any semantic needs or code lists are not defined within UN/CEFACT, the stakeholders who identified this are encouraged to bring this to the attention of UN/CEFACT to be addressed in an existing or new project.

Part II

Guidelines to recommendation No. 2: semantic information and codes in international trade data exchange

A. Introduction

11. The United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT) published an article in a 2018 newsletter about the transition one company made between extensible markup language (XML) messages and UN/EDIFACT messages. As the name indicates, XML is rather flexible and easy to construct; for this reason, many companies that implement electronic data exchange are attracted to XML. The result is that there are nearly as many XML messaging formats as there are companies implementing data exchange. Each company is able to create a message which is fully fit to purpose for their particular needs. The service provider who wrote the aforementioned article acted as a link between freight forwarders, agents, handlers and shipping lines and the information often needed to be shared among each of these professions. To complicate things, the provider was rather successful and had hundreds of clients/partners, each with their own XML. The base information contained in each of these electronic messages was similar, but the terms were not harmonized, nor was the structure of the data. The service provider needed to employ several people just to implement bridges from one electronic message to another (e.g. information X from company 123 is equivalent to information B from company 987...).

12. The service provider suggested to its clients/partners that they implement a standard, but each one proclaimed that their electronic message was the best and that it should be used as the standard. Not wanting to upset its clients, but wanting to streamline this process, the service provider suggested using UN/EDIFACT as the common language. As it is centrally maintained by ECE, it does not favour any individual company's internal solution. It is also widely used in transport and maritime trade, so many of the clients/partners had already implemented it for some of their communication with other actors in the supply chain. As the clients/partners started to use the UN/EDIFACT standard, they were even able to find new commercial outlets with partners that also used this standard. In the end, the service provider was able to reduce the support team for implementing bridges to a single employee, freeing up the rest of his team to work on more interesting development tasks.

13. This true story is not to say that everyone should move to the UN/EDIFACT standard. This forty-year-old standard (at time of print) has stood the test of time and still provides benefits today. It has been adapted to many different uses, but it is a very structured method of exchanging information which has limited flexibility. Standard XML schemes exist as well, but unlike UN/EDIFACT, which is centrally developed, maintained, and published by a neutral agency (the United Nations), there are many organizations claiming to develop standard XML. These often concentrate on a specific segment of an international trade transaction and almost never consider upstream or downstream uses of the same data. UN/CEFACT has produced a comprehensive data library and corresponding XML scheme, which will be explained below.

B. Definition of some key concepts

1. Semantics

14. Semantics is the meaning of words and phrases. This is particularly important in electronic data exchange where it is important to ensure that the same information is understood the same way. If the billing process depends on the date the goods arrive in the warehouse, then it is very important to define and understand what "date of arrival" means so that all the stakeholders involved in the exchange understand it the same way. It would not be the date of arrival in the country or date of arrival in the transport hub, each of which could logically be called "date of arrival". The semantic meaning behind this term is more important than the term itself.

2. Ontologies

15. Ontologies is the relationship of words and phrases to each other. UN/CEFACT provides the semantic definitions which are the necessary foundation for standardized electronic exchange of information. Machine learning and big data allow computers to understand the similarities between terms and to execute the automated mapping of terms in an electronic message.

3. Codes

16. Information which is used regularly in an exchange, and which has a limited number of possible responses, should be codified. Using a code instead of natural language ensures that all parties and computer systems understand the same information in the same way. This obviously applies to situations in a multilingual environment; however, this can also apply within a same language as a term such as “pallet” can be understood in many different ways (wooden pallet, plastic pallet, stackable pallet, etc.).

4. Code lists

17. Codified information must be structured with a set length and format (e.g. alphabetic, numeric, or alphanumeric with a set length of three or four characters or a length of up to four characters). The possible codes that can be used should be organized into code lists which should include the name of the code list, the codes, and for each code its full name, and most importantly its definition. It is this definition which provides the semantic understanding of the code itself. The maintenance of the code list must also be defined, explaining how modifications or additions can be made. It is advisable to ensure that code lists are always backwards compatible; this implies that deprecating a code list entry may be complicated. Instead of deleting a code from the list, best practice is to “mark” the entry as “no longer in use from an effective date” or “superseded by” another entry from an effective date.

18. Annex I includes a list of code lists maintained by UN/CEFACT.

C. Paper-centric view versus process-driven approach to exchanges

19. Digitalizing a paper document—taking a paper document and making an electronic equivalent—is a relatively easy process. The information in the document may reference international codes and may even reference an international standard library of data. The result may function well and users may experience immediate benefits from this digitalization. This digitalization process may even consider a group of documents related to a similar purpose (transport, commercial ordering, banking, etc.) and the individual documents may be harmonized within that grouping of documents. This would be a paper-centric view of data exchange.

20. Dematerialization implies that the shift to electronic data exchange also considers the relevant processes and puts these into context with other related processes (this is often also called “digitalization”). The document is then considered as one part of the data exchange process instead of the desired outcome. The dematerialization of the process involves a harmonization across the entire process, as described in ECE Recommendation No. 34 on Data Simplification and Standardization for International Trade.²

21. Recommendation No. 34 outlines four steps for dematerialization:

- Capture: Prepare an inventory of information requirements/data elements (throughout the process, from multiple documents);
- Define: Clearly define each data element (name, definition, representation [text, format, code], when it is required, legal basis, etc.);

² ECE, 2013 (ECE/TRADE/400). Available at http://www.unece.org/fileadmin/DAM/trade/Publications/ECE-TRADE-400E_Rec34.pdf.

- Analyse: Check the resulting information for instances where the same information may be requested with different names or for cases where the information may not be necessary (some information may be inferred by other data or some data may not have any legal or operational reason for being requested); and
- Reconcile: Prepare a consolidated list of data elements and align these to an international standard.

D. Whole-of-supply-chain approach

22. This dematerialization process may also consider only one segment of the international supply chain, such as transportation, commercial or banking processes. If dematerialization is performed by each segment of the international supply chain separately, there is a great risk that the exchange from one segment to the next may not align and that the terms are being used with different semantic meanings. All of these segments are connected: the logistics process does not exist without the commercial process requesting the movement of goods; the banking process does not exist without the exchange of goods from the commercial and logistics processes; the regulatory process does not exist unless there is an exchange of goods or services. There may be an excellent data model to handle the regulatory processes when the goods arrive at a border, but it may be disconnected from the other processes and oblige operators to recapture information—or worse, to redefine information.

23. UN/CEFACT has taken a holistic approach to the supply chain from the outset. All data in the Core Component Library has been harmonized within the entire global exchange and the information should be reusable in each segment of the international supply chain.

E. Electronic data exchanges need to be structured

24. Information which is exchanged electronically is usually not a flat list of data; it is more often hierarchal by design. For example, on a paper document, there is often a box for the operator's name and address; when this is electronic, this is often in a hierarchy such as the following:

- Organization
 - Identification number
 - Organization name
 - Organization role
 - Contact details
 - Person name
 - Email
 - Telephone number
 - Postal address
 - Street Name
 - Postal box information
 - City Name
 - Country subdivision (e.g. stat or province)
 - Postal code
 - Country name
 - Country code
- Tax registration

- Identification number
- Trader registration
 - Identification number
 - Type code (such as an authorized economic operator)
 - Country code

25. The individual data elements such as “country code” or “identification number” are used multiple times within an electronic data exchange; in the above example, both of these are used multiple times. The semantic definition is the same, but they are taken in the context of the hierarchy: each element inherits the properties from the data element under which it is placed. For example, the “identification number” under “tax registration” is the “tax registration identification number”. If this information was all at the same level with no hierarchy, it would be necessary to define more data in order to put it within its business context. Such a flat file may be possible within the context of the digitization of a single document; however, it would become unmanageable in the dematerialization of a process or of the entire supply chain.

F. International Supply Chain Reference Model

26. In the late 1990s and early 2000s, UN/CEFACT defined the Buy-Ship-Pay Reference Data Model which has been used as the basis for all of its e-business standards since. It is based on a simplified model or an international supply chain transactions including processes in each stage from buying or selling, to shipping and paying for the delivery. Twenty years on, it is necessary to expand this model to take into consideration sustainability aspects which lead to additional processes prior to the “buy” phase and after the “pay” phase. The reference mode is expanded by two stages and the name changed to Prepare-Buy-Ship-Pay-Recycle model.

1. Prepare phase

27. In this phase of the international supply chain, the following are examples of use cases which are necessary:

- Establish a sustainability claim (statement about a characteristic of a product or about a process or an organization associated with that product - it may cover one or multiple sustainability dimensions, such as economic, environmental or social).

2. Buy phase

28. In this phase of the international supply chain, the following are examples of use cases which are necessary:

- Identify potential partners (customer may issue a request for information or supplier may issue catalogue information);
- Establish business agreement (customer issues a “request to quote” or supplier issues an unsolicited quote; this may also include negotiations on conditions or prices);
- Check credit (supplier initiates query on the credit worthiness of customer);
- Order (customer places an order under an established contract or framework agreement);
- Manufacture (supplier places order to manufacture the product); and
- Despatch (supplier sends the products according to the terms of trade and eventually provides information to the customer on the delivery; this could also be the realization of a service).

3. Ship phase

29. In this phase of the international supply chain, the following are examples of use cases which are necessary:

- Request licences and certificates (operator requests relevant licences or certificates which are required for the traded goods);
- Insure (logistics service provider or carrier requests insurance for the transport of the goods);
- Prepare packing list (logistics service provider issues a packing list for the transport of the goods);
- Book transport (logistics service provider requests transport);
- Provide transport services and cargo tracking (logistics service provider or carrier moves the goods to the contractual destination and provides tracking information to authorised parties);
- Establish transport documents (logistics service provider or carrier issue transport documents such as the house bill of lading, the master bill of lading, the consignment security declaration); and
- Clearance (operator presents the goods to government authorities for their import, export and transit clearance).

4. Pay phase

30. In this phase of the international supply chain, the following are examples of use cases which are necessary:

- Supplier requests payment (supplier issues invoice);
- Customer requests the transfer of funds; and
- Sales order financing.

5. Recycle phase

31. In this phase of the international supply chain, the following are examples of use cases which are necessary:

- Perform waste analysis (operator requests the analysis of the waste, which may be required by regulations and may impact the movement of the waste materials);
- Return goods and packaging materials (supplier requests the return of goods or packaging materials to sender and operator organises return); and
- Recycle (operator issues request to recycle the components of the goods).

32. Note that the repurpose or reuse of second-hand goods would normally not be different from a normal buy-ship-pay process.

G. Relationship between commercial and logistics information

33. A single commercial process may result in multiple logistics processes as one order can be delivered in different shipments or multiple commercial orders destined to the same buyer may be grouped together as a basis of a single logistics process.

34. Similarly, the payment process may be organized with a single payment for multiple invoices, or a single invoice may be paid in multiple instalments.

35. The logistics process may involve multiple intermediaries. Often, an operator will call upon a logistics service provider who may contract the transport out to a colleague or to a carrier. This service may also include consolidation with the goods of other operators. The logistics service provider will typically issue a house bill of lading for the transport of the goods of their client(s). The carrier will then issue a relevant master bill of lading for the

transport of the goods. Here too, there may be multiple house bills of lading grouped together in a single master bill of lading; and there could be a large volume of goods handled by a freight forwarder which requires breaking the house bill of lading into multiple master bills of lading.

H. Key anchors in trade data exchanges

36. Information from each of the processes described above will be contained in a different part of the hierarchy of data. This requires a very clear and consistent use of terms, the most important of which will be to distinguish between the commercial processes of the buy phase and the logistics processes of the ship phase. For this reason, two terms are used as anchors for all other relevant data: shipment and consignment.

1. Shipment

37. A shipment is an identifiable collection of one or more trade items (available to be) transported together from the seller (original consignor/shipper) to the buyer (final/ultimate consignee):

- A shipment can only be destined for one buyer;
- A shipment can be made up of some or all trade items from one or more sales orders;
- A shipment can have only one unique customs identification schema; and
- A shipment may form part or all of a consignment or may be transported in different consignments.

2. Consignment

38. A consignment is a separately identifiable collection of consignment items (available to be) transported from one consignor to one consignee via one or more modes of transport as specified in one single transport service contractual document:

- A consignment can only have one transport service buyer;
- A consignment can only have one transport service provider;
- A consignment can only have one consignor;
- A consignment can only have one consignee;
- The transport service buyer can be either the consignor or the consignee;
- A consignment is made up of one or more consignment items;
- A consignment can be made up of some or all trade items (aggregated into consignment items) from one or more shipments;
- A consignment is made up of one or more customs items for reporting to customs; and
- A consignment can have one or more unique customs identification schemas.

39. A list of commonly used semantic terms and their corresponding definitions is provided in Annex II. Within UN/CEFACT these terms are used consistently in all messages and should always be used in a way which is consistent with their provided definition; UN/CEFACT strongly encourages other standards development organizations and users to do the same. For example, within the maritime transport industry, the movement of goods on the ship is sometimes referred to in the business process as a shipment. Despite this use, when dematerializing the process, it is highly recommended to use the term “consignment” in this case in order to clearly make the distinction with the commercial process. Likewise, in many conventions, the person requesting a permit is often referred to as the “sender” (as in the “sender of the goods”); however, in an electronic environment, the term “sender” is reserved for the “entity sending the electronic message”. It is highly recommended to use the accurate

term for the party being referred to as “sender” depending on the case (this may be the consignor, the exporter, the importer, the logistics service provider or other).

I. Cost benefits

40. One commonly expressed barrier in using standards for the electronic exchange of information is the cost in time and money required for their initial setup, including the need to modify existing legacy systems and the need for all parties participating in the exchange to make this investment. Some shortcuts have been observed in deployments, which have resulted in efficiency challenges on the long run:

- The development of “translation bridges” (i.e. IT interfaces) between systems to avoid modifying the data semantics used in the different legacy systems: This is a valid practice when there is a 1-to-1 interface, but it becomes a clear issue when it is a 1-to-many relationship. The IT support required to manage such independent “bridges” results in high operating costs; and
- Initiatives to develop new specific-user-group data standard: These initiatives usually happen where there is a lack of knowledge about which standards already exist and how they can be used. Again, the maintenance of such a specific standard brings inefficiency in the long term.

41. Common, standardized libraries of semantics (definitions) that allow the use of unambiguous, clear and defined standardized terms and codes exist; the largest and most complete library of this kind is the UN/CEFACT Core Components Library (CCL), which also ensures compatibility with other international systems and applications, documents and data models.

Annex I

Code lists maintained by UN/CEFACT

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Document name code	UN Code List 1001	Code specifying the name of a document	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred1001.htm
Message section code	UN Code List 1049	Code specifying a section of a message	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred1049.htm
Document line action code	UN Code List 1073	Code identifying an action associated with a line of a document	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred1073.htm
Reference code qualifier	UN Code List 1153	Code qualifying a reference	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred1153.htm
Sequence identifier source code	UN Code List 1159	Code specifying the source of a sequence identifier	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred1159.htm
Message function code	UN Code List 1225	Code indicating the function of the message	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred1225.htm
Calculation sequence code	UN Code List 1227	Code specifying a calculation sequence	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred1227.htm
Action code	UN Code list 1229	Code specifying the action to be taken or already taken	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred1229.htm
Document status code	UN Code list 1373	Code specifying the status of a document	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred1373.htm
Computer environment details code qualifier	UN Code list 1501	Code qualifying computer environment details	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred1501.htm

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Data format description code	UN Code list 1503	Code specifying the data format	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred1503.htm
Value list type code	UN Code list 1505	Code specifying a type of value list	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred1505.htm
Designated class code	UN Code list 1507	Code specifying a designated class	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred1507.htm
Date or time or period function code qualifier	UN Code list 2005	Code qualifying the function of a date, time or period	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred2005.htm
Terms time relation code	UN Code list 2009	Code relating terms to a reference date, time or period	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred2009.htm
Frequency code	UN Code list 2013	Code specifying the rate of recurrence	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred2013.htm
Despatch pattern code	UN Code list 2015	Code specifying a despatch pattern	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred2015.htm
Despatch pattern timing code	UN Code list 2017	Code specifying a set of dates/times within a despatch pattern	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred2017.htm
Period type code qualifier	UN Code list 2023	Code qualifying the type of a period	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred2023.htm
Period type code	UN Code list 2151	Code specifying the type of period	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred2151.htm
Charge period type code	UN Code list 2155	Code specifying a type of charge period	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred2155.htm
Date or time or period format code	UN Code list 2379	Code specifying the representation of a date, time or period	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred2379.htm

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Event time reference code	UN Code list 2475	Code specifying a time that references an event that will or has occurred	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred2475.htm
Party function code qualifier	UN Code list 3035	Code giving specific meaning to a party	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred3035.htm
Party name format code	UN Code list 3045	Code specifying the representation of a party name	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred3045.htm
Code list responsible agency code	UN Code list 3055	Code specifying the agency responsible for a code list	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred3055.htm
Test medium code	UN Code list 3077	Code specifying the medium on which a test was or is to be applied	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred3077.htm
Organisation classification code	UN Code list 3079	Code specifying the classification of an organisation	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred3079.htm
Organisational class name code	UN Code list 3083	Code specifying a class of organisation	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred3083.htm
Address type code	UN Code list 3131	Code specifying the type of an address	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred3131.htm
Contact function code	UN Code list 3139	Code specifying the function of a contact (e.g. department or person)	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred3139.htm
Communication medium type code	UN Code list 3153	Code specifying the type of communication medium	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred3153.htm
Communication means type code	UN Code list 3155	Code specifying the type of communication address	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred3155.htm

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Country identifier	UN Code list 3207	Identification of the name of the country or other geographical entity as defined in ISO 3166-1 and UNECE Rec 3	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred3207.htm
Location function code qualifier	UN Code list 3227	Code identifying the function of a location	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred3227.htm
Country subdivision identifier	UN Code list 3229	To identify the name of a country subdivision, such as state, canton, county, prefecture	an..9	https://service.unece.org/trade/untdid/d21a/tred/tred3229.htm
Geographic area code	UN Code list 3279	To identify a geographic area	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred3279.htm
Address purpose code	UN Code list 3299	Code specifying the purpose of an address	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred3299.htm
Name status code	UN Code list 3397	Code specifying the status of a name	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred3397.htm
Language name code	UN Code list 3453	Code specifying the language name	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred3453.htm
Language code qualifier	UN Code list 3455	Code qualifying a language	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred3455.htm
Address status code	UN Code list 3475	Code specifying the status of an address	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred3475.htm
Address format code	UN Code list 3477	Code specifying the format of an address	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred3477.htm
Marital status description code	UN Code list 3479	Code specifying the marital status of a person	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred3479.htm
Nationality code qualifier	UN Code list 3493	Code qualifying a nationality	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred3493.htm

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Gender code	UN Code list 3499	Code giving the gender of a person, animal or plant	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred3499.htm
Delivery plan commitment level code	UN Code list 4017	Code specifying the level of commitment to a delivery plan	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4017.htm
Business function code	UN Code list 4025	Code describing a specific business function	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4025.htm
Business function type code qualifier	UN Code list 4027	Code specifying a type of business function	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4027.htm
Priority type code qualifier	UN Code list 4035	Code specifying a type of priority	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4035.htm
Priority description code	UN Code list 4037	Code specifying a priority	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4037.htm
Trade class code	UN Code list 4043	Code identifying the class of trade	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4043.htm
Certainty description code	UN Code list 4049	Code specifying a certainty	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4049.htm
Characteristic relevance code	UN Code list 4051	Code specifying the relevance of a characteristic	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4051.htm
Delivery or transport terms description code	UN Code list 4053	Code specifying the delivery or transport terms	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4053.htm
Delivery or transport terms function code	UN Code list 4055	Code specifying the function of delivery or transport terms	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4055.htm
Clause code qualifier	UN Code list 4059	Code qualifying the nature of a clause or set of clauses	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4059.htm

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Contract and carriage condition code	UN Code list 4065	Code to identify the conditions of contract and carriage	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4065.htm
Proviso code qualifier	UN Code list 4071	Code qualifying a proviso	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4071.htm
Proviso type description code	UN Code list 4073	Code specifying a type of proviso	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4073.htm
Handling instruction description code	UN Code list 4079	Code specifying a handling instruction	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4079.htm
Information details code qualifier	UN Code list 4153	Code qualifying the information details	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4153.htm
Special condition code	UN Code list 4183	Code specifying a special condition	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4183.htm
Transport charges payment method code	UN Code list 4215	Code specifying the payment method for transport charges	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4215.htm
Transport service priority code	UN Code list 4219	Code specifying the priority of a transport service	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4219.htm
Marking instruction code	UN Code list 4233	Code specifying instructions for marking	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4233.htm
Payment arrangement code	UN Code list 4237	Code specifying the arrangements for a payment	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4237.htm
Payment terms description code	UN Code list 4277	Identification of the terms of payment between the parties to a transaction (generic term).	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4277.htm
Payment terms type code qualifier	UN Code list 4279	Code qualifying the type of payment terms	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4279.htm

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Change reason description code	UN Code list 4295	Code specifying the reason for a change	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4295.htm
Response type code	UN Code list 4343	Code specifying the type of acknowledgment required or transmitted	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4343.htm
Product identifier code qualifier	UN Code list 4347	Code qualifying the product identifier	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4347.htm
Bank operation code	UN Code list 4383	Code specifying a bank operation	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4383.htm
Instruction description code	UN Code list 4401	Code specifying an instruction	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4401.htm
Instruction type code qualifier	UN Code list 4403	Code qualifying the type of instruction	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4403.htm
Status description code	UN Code list 4405	Code specifying a status	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4405.htm
Sample process step code	UN Code list 4407	Code specifying a step in a sample process	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4407.htm
Test method administration code	UN Code list 4419	Code specifying the method of the administration of a test	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4419.htm
Payment guarantee means code	UN Code list 4431	Code specifying the means of payment guarantee	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4431.htm
Payment channel code	UN Code list 4435	Code specifying the payment channel	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4435.htm
Account type code qualifier	UN Code list 4437	Code qualifying the type of account	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4437.htm
Payment conditions code	UN Code list 4439	Code specifying the payment conditions	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4439.htm

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Free text format code	UN Code list 4447	Code specifying the format of free text	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4447.htm
Text subject code qualifier	UN Code list 4451	Code qualifying the subject of the text	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4451.htm
Free text function code	UN Code list 4453	Code specifying the function of free text	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4453.htm
Back order arrangement type code	UN Code list 4455	Code specifying a type of back order arrangement	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4455.htm
Substitution condition code	UN Code list 4457	Code specifying the conditions under which substitution may take place	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4457.htm
Payment means code	UN Code list 4461	Code identifying a means of payment	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4461.htm
Intra-company payment indicator code	UN Code list 4463	Code indicating an intra-company payment	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4463.htm
Adjustment reason description code	UN Code list 4465	Code specifying the adjustment reason	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4465.htm
Settlement means code	UN Code list 4471	Code specifying the means of settlement	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4471.htm
Accounting entity type name code	UN Code list 4475	Code specifying a type of accounting entry	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4475.htm
Financial transaction type code	UN Code list 4487	Code specifying a type of financial transaction	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4487.htm
Delivery instruction code	UN Code list 4493	Code specifying a delivery instruction	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4493.htm
Inventory movement reason code	UN Code list 4499	Code specifying the reason for an inventory movement	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4499.htm

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Inventory movement direction code	UN Code list 4501	Code specifying the direction of an inventory movement	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4501.htm
Inventory balance method code	UN Code list 4503	Code specifying the method used to establish an inventory balance	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4503.htm
Credit cover request type code	UN Code list 4505	Code specifying the type of request for credit cover	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4505.htm
Credit cover response type code	UN Code list 4507	Code specifying the type of response to a request for credit cover	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4507.htm
Credit cover response reason code	UN Code list 4509	Code specifying the reason for a response to a request for credit cover	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4509.htm
Requested information description code	UN Code list 4511	Code specifying the response information requested	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4511.htm
Maintenance operation code	UN Code list 4513	Code specifying a maintenance operation	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4513.htm
Seal condition code	UN Code list 4517	Code specifying the condition of a seal affixed to a piece of transport equipment	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4517.htm
Seal type code	UN Code list 4525	To specify a type of seal	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred4525.htm
Monetary amount function description code	UN Code list 5007	Code specifying the monetary amount function	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred5007.htm
Index code qualifier	UN Code list 5013	Code qualifying an index	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred5013.htm
Monetary amount type code qualifier	UN Code list 5025	Code qualifying the type of monetary amount	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred5025.htm

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Index type identifier	UN Code list 5027	Code specifying a type of index	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred5027.htm
Index representation code	UN Code list 5039	Code specifying the representation of an index value	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred5039.htm
Contribution code qualifier	UN Code list 5047	Code qualifying a contribution	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred5047.htm
Contribution type description code	UN Code list 5049	Code specifying a type of contribution scheme	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred5049.htm
Price code qualifier	UN Code list 5125	Code qualifying a price	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred5125.htm
Duty or tax or fee type name code	UN Code list 5153	Code specifying a type of duty, tax or fee	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred5153.htm
Allowance or charge identification code	UN Code list 5189	Code specifying the identification of an allowance or charge	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred5189.htm
Sub-line item price change operation code	UN Code list 5213	Code specifying the price change operation for a sub-line item	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred5213.htm
Charge category code	UN Code list 5237	Code specifying a category of charges	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred5237.htm
Rate or tariff class description code	UN Code list 5243	Code specifying an applicable rate or tariff class	an..9	https://service.unece.org/trade/untddid/d21a/tred/tred5243.htm
Percentage type code qualifier	UN Code list 5245	Code qualifying the type of percentage	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred5245.htm
Percentage basis identification code	UN Code list 5249	Code specifying the basis on which a percentage is calculated	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred5249.htm

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Charge unit code	UN Code list 5261	Code specifying a charge unit	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred5261.htm
Service type code	UN Code list 5267	Code specifying the type of service	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred5267.htm
Duty or tax or fee rate basis code	UN Code list 5273	Code specifying the basis for a duty or tax or fee rate such as weight or value or quantity	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred5273.htm
Duty or tax or fee function code qualifier	UN Code list 5283	Code specifying the function of a duty or tax or fee	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred5283.htm
Duty or tax or fee category code	UN Code list 5305	Code specifying a duty or tax or fee category	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred5305.htm
Tax or duty or fee payment due date code	UN Code list 5307	Code indicating when the duty, tax, or fee payment will be due.	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred5307.htm
Remuneration type name code	UN Code list 5315	Code specifying the name of a type of remuneration	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred5315.htm
Price type code	UN Code list 5375	Code specifying the type of price	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred5375.htm
Product group type code	UN Code list 5379	Code specifying the type of a product group	an..25	https://service.unece.org/trade/untdid/d21a/tred/tred5379.htm
Price specification code	UN Code list 5387	Code identifying pricing specification	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred5387.htm
Price multiplier type code qualifier	UN Code list 5393	Code qualifying the type of price multiplier	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred5393.htm
Rate type code qualifier	UN Code list 5419	Code specifying the type of rate	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred5419.htm

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Allowance or charge code qualifier	UN Code list 5463	Code qualifying an allowance or charge	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred5463.htm
Sub-line indicator code	UN Code list 5495	Code indicating a sub-line item	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred5495.htm
Rate plan code	UN Code list 5501	Code specifying a rate plan	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred5501.htm
Geographical position code qualifier	UN Code list 6029	Code identifying the type of a geographical position	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred6029.htm
Quantity type code qualifier	UN Code list 6063	Code qualifying the type of quantity	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred6063.htm
Control total type code qualifier	UN Code list 6069	Code qualifying the type of control of hash total	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred6069.htm
Frequency code qualifier	UN Code list 6071	Code qualifying the frequency	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred6071.htm
Result representation code	UN Code list 6077	Code specifying the representation of a result	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred6077.htm
Result normalcy code	UN Code list 6079	Code specifying the degree of conformance to a standard	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred6079.htm
Dosage administration code qualifier	UN Code list 6085	Code qualifying the administration of a dosage	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred6085.htm
Result value type code qualifier	UN Code list 6087	Code qualifying the type of a result value	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred6087.htm
Length type code	UN Code list 6113	Code specifying the type of length	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred6113.htm
Dimension type code qualifier	UN Code list 6145	Code qualifying the type of the dimension	an..3	https://service.unece.org/trade/untddid/d21a/tred/tred6145.htm

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Non-discrete measurement name code	UN Code list 6155	Code specifying the name of a non-discrete measurement	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred6155.htm
Range type code qualifier	UN Code list 6167	Code qualifying a type of range	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred6167.htm
Size type code qualifier	UN Code list 6173	Code qualifying a type of size	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred6173.htm
Temperature type code qualifier	UN Code list 6245	Code qualifying the type of a temperature	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred6245.htm
Measurement purpose code qualifier	UN Code list 6311	Code qualifying the purpose of the measurement	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred6311.htm
Measured attribute code	UN Code list 6313	Code specifying the attribute measured	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred6313.htm
Measurement significance code	UN Code list 6321	Code specifying the significance of a measurement	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred6321.htm
Statistic type code qualifier	UN Code list 6331	Code qualifying the type of a statistic	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred6331.htm
Exchange rate currency market identifier	UN Code list 6341	To identify an exchange rate currency market	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred6341.htm
Currency type code qualifier	UN Code list 6343	Code qualifying the type of currency	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred6343.htm
Currency identification code	UN Code list 6345	Code specifying a monetary unit	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred6345.htm
Currency usage code qualifier	UN Code list 6347	Code qualifying the usage of a currency	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred6347.htm
Unit type code qualifier	UN Code list 6353	Code qualifying the type of unit	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred6353.htm

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Measurement unit code	UN Code list 6411	Code specifying the unit of measurement	an..8	https://service.unece.org/trade/untdid/d21a/tred/tred6411.htm
Clinical information type code qualifier	UN Code list 6415	Code qualifying the type of clinical information	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred6415.htm
Physical or logical state type code qualifier	UN Code list 7001	Code qualifying the type of physical or logical state of an object	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7001.htm
Physical or logical state description code	UN Code list 7007	Code specifying the physical or logical state of an object	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7007.htm
Item description code	UN Code list 7009	Code specifying an item	an..17	https://service.unece.org/trade/untdid/d21a/tred/tred7009.htm
Item availability code	UN Code list 7011	Code specifying the availability of an item	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7011.htm
Sample selection method code	UN Code list 7039	Code specifying the selection method for a sample	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7039.htm
Power type code	UN Code list 7041	Code specifying the type of power	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7041.htm
Sample state code	UN Code list 7045	Code specifying the state of a sample	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7045.htm
Sample direction code	UN Code list 7047	Code specifying the direction in which a sample was taken	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7047.htm
Class type code	UN Code list 7059	Code specifying a type of class	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7059.htm
Package type description code	UN Code list 7065	Code specifying the type of package	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7065.htm

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Packaging terms and conditions code	UN Code list 7073	Code specifying the packaging terms and conditions	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7073.htm
Packaging level code	UN Code list 7075	Code specifying a level of packaging	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7075.htm
Description format code	UN Code list 7077	Code specifying the format of a description	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7077.htm
Item characteristic code	UN Code list 7081	Code specifying the characteristic of an item	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7081.htm
Configuration operation code	UN Code list 7083	Code specifying a configuration operation	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7083.htm
Cargo type classification code	UN Code list 7085	Code identifying a type of cargo	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7085.htm
Characteristic value description code	UN Code list 7111	Code specifying the value of a characteristic	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7111.htm
Product detail type code qualifier	UN Code list 7133	Code qualifying a type of product details	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7133.htm
Product characteristic identifier code	UN Code list 7139	Code specifying the identification of a product characteristic	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7139.htm
Item type identification code	UN Code list 7143	Coded identification of an item type	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7143.htm
Special service description code	UN Code list 7161	Code specifying a special service	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7161.htm
Hierarchical structure relationship code	UN Code list 7171	Code specifying the relationship between the hierarchical object and an identified object	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7171.htm

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Hierarchy object code qualifier	UN Code list 7173	Code qualifying an object in a hierarchy	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7173.htm
Process type description code	UN Code list 7187	Code specifying a type of process	an..17	https://service.unece.org/trade/untdid/d21a/tred/tred7187.htm
Packaging related description code	UN Code list 7233	Code specifying information related to packaging	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7233.htm
Service requirement code	UN Code list 7273	Code specifying a service requirement	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7273.htm
Sector area identification code qualifier	UN Code list 7293	Code qualifying identification of a subject area	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7293.htm
Set type code qualifier	UN Code list 7297	Code qualifying a type of set	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7297.htm
Requirement designator code	UN Code list 7299	Code specifying the requirement designator	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7299.htm
Processing indicator description code	UN Code list 7365	Code specifying a processing indicator	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7365.htm
Surface or layer code	UN Code list 7383	Code specifying the surface or layer of an object	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7383.htm
Object identification code qualifier	UN Code list 7405	Code qualifying the identification of an object	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7405.htm
Indexing structure code qualifier	UN Code list 7429	Code qualifying an indexing structure	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7429.htm
Agreement type code qualifier	UN Code list 7431	Code qualifying a type of agreement	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7431.htm
Agreement type description code	UN Code list 7433	Code specifying a type of agreement	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7433.htm

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Membership type code qualifier	UN Code list 7449	Code qualifying the type of membership	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7449.htm
Membership category description code	UN Code list 7451	Code specifying a membership category	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7451.htm
Membership level code qualifier	UN Code list 7455	Code qualifying the level of membership	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7455.htm
Attendee category description code	UN Code list 7459	Code specifying a category of attendee	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7459.htm
Inventory type code	UN Code list 7491	Code specifying a type of inventory	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7491.htm
Damage details code qualifier	UN Code list 7493	Code qualifying damage details	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7493.htm
Object type code	UN Code list 7495	Code qualifying a type of object	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7495.htm
Marking type code	UN Code list 7511	Code specifying a type of marking	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7511.htm
Structure type code	UN Code list 7515	Code specifying a type of structure	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred7515.htm
Traffic restriction code	UN Code list 8015	Code specifying a traffic restriction	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred8015.htm
Freight and other charges description identifier	UN Code list 8023	Code identifying a charge such as freight and other charges	an..17	https://service.unece.org/trade/untdid/d21a/tred/tred8023.htm
Conveyance call purpose description code	UN Code list 8025	Code specifying the purpose of the conveyance call	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred8025.htm
Traffic restriction type code	UN Code list 8035	Code qualifying a type of traffic restriction	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred8035.htm

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Transport stage code qualifier	UN Code list 8051	Code qualifying a specific stage of transport	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred8051.htm
Equipment type code qualifier	UN Code list 8053	Code qualifying a type of equipment	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred8053.htm
Transport mode name code	UN Code list 8067	Code specifying a name of a mode of transport	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred8067.htm
Equipment supplier code	UN Code list 8077	Code identifying the party that is the supplier of the equipment	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred8077.htm
Transport direction indicator code	UN Code list 8101	Code specifying the direction of transport	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred8101.htm
Equipment size and type description code	UN Code list 8155	Code specifying the characteristics, i.e. size and type of a piece of transport equipment	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred8155.htm
Full or empty indicator code	UN Code list 8169	Code indicating whether an object is full or empty	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred8169.htm
Transport means description code	UN Code list 8179	Code specifying the means of transport	an..8	https://service.unece.org/trade/untdid/d21a/tred/tred8179.htm
Transport equipment status code	UN Code list 8249	Code specifying the status of a piece of transport equipment	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred8249.htm
Dangerous goods regulations code	UN Code list 8273	Code specifying a dangerous goods regulation	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred8273.htm
Transport means ownership indicator code	UN Code list 8281	Code indicating the ownership of a means of transport	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred8281.htm

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Transport movement code	UN Code list 8323	Code specifying a particular transport movement	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred8323.htm
Movement type description code	UN Code list 8335	Code specifying a type of transport movement	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred8335.htm
Packaging danger level code	UN Code list 8339	Code specifying the level of danger for which the packaging must cater	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred8339.htm
Haulage arrangement code	UN Code list 8341	Code specifying the arrangement for the haulage of goods	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred8341.htm
Returnable package load contents code	UN Code list 8393	Code specifying the load contents for a returnable package	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred8393.htm
Returnable package freight payment responsibility code	UN Code list 8395	Code specifying the responsibility for the freight payment for a returnable package	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred8395.htm
Transport means nationality code	UN Code list 8453	Code specifying the nationality of a means of transport	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred8453.htm
Excess transportation reason code	UN Code list 8457	Code specifying a reason for excess transportation	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred8457.htm
Excess transportation responsibility code	UN Code list 8459	Code specifying the party responsible for excess transportation	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred8459.htm
Employment details code qualifier	UN Code list 9003	Code qualifying the employment details	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9003.htm
Status reason description code	UN Code list 9013	Code specifying the reason for a status	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9013.htm

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Status category code	UN Code list 9015	Code specifying the category of a status	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9015.htm
Attribute function code qualifier	UN Code list 9017	Code qualifying an attribute function	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9017.htm
Definition function code	UN Code list 9023	Code specifying a function of a definition	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9023.htm
Definition extent code	UN Code list 9025	Code specifying the extent of a definition	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9025.htm
Value definition code qualifier	UN Code list 9029	Code qualifying a value definition	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9029.htm
Edit mask representation code	UN Code list 9031	Code specifying the representation of the edit mask	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9031.htm
Qualification application area code	UN Code list 9035	Code specifying the application a qualification	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9035.htm
Qualification type code qualifier	UN Code list 9037	Code qualifying a type of qualification	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9037.htm
Facility type description code	UN Code list 9039	Code specifying a type of facility	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9039.htm
Reservation identification code qualifier	UN Code list 9043	Code qualifying the reservation identifier	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9043.htm
Basis code qualifier	UN Code list 9045	Code qualifying a basis	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9045.htm
Applicability code qualifier	UN Code list 9051	Code qualifying the applicability	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9051.htm
Relationship type code qualifier	UN Code list 9141	Code qualifying a type of relationship	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9141.htm

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Relationship description code	UN Code list 9143	Code specifying a relationship	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9143.htm
Tax regime type code	UN Code list 9213	Code specifying a regime according to which tax is assessed such as preferential duty rate	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9213.htm
Validation criteria code	UN Code list 9285	Code specifying the validation criteria to be applied	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9285.htm
Sealing party name code	UN Code list 9303	Code specifying the name of the sealing party	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9303.htm
Government procedure code	UN Code list 9353	Code specifying a government procedure	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9353.htm
Government involvement code	UN Code list 9411	Code indicating the requirement and status of governmental involvement	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9411.htm
Government agency identification code	UN Code list 9415	Code identifying a government agency	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9415.htm
Government action code	UN Code list 9417	Code specifying a type of government action such as inspection, detention, fumigation, security	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9417.htm
Process stage code qualifier	UN Code list 9421	Code qualifying a stage in a process	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9421.htm
Clinical intervention code	UN Code list 9437	Code specifying a clinical intervention	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9437.htm
Clinical intervention type code qualifier	UN Code list 9441	Code specifying a type of clinical intervention	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9441.htm
Attendance type code qualifier	UN Code list 9443	Code qualifying a type of attendance	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9443.htm

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Discharge type description code	UN Code list 9447	Code specifying the type of discharge	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9447.htm
Code value source code	UN Code list 9453	Code specifying the source of a code value	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9453.htm
Formula type code qualifier	UN Code list 9501	Code specifying a type of formula	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9501.htm
Formula sequence code qualifier	UN Code list 9507	Code giving specific meaning to a formula sequence	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9507.htm
Information category code	UN Code list 9601	Code specifying the category of the information	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9601.htm
Diagnosis type code	UN Code list 9623	Code specifying the type of diagnosis	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9623.htm
Related cause code	UN Code list 9625	Code specifying a related cause	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9625.htm
Event details code qualifier	UN Code list 9635	Code qualifying event details	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9635.htm
Service basis code qualifier	UN Code list 9641	Code qualifying the basis on which a service is performed	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9641.htm
Supporting evidence type code qualifier	UN Code list 9643	Code qualifying a type of supporting evidence	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9643.htm
Payer responsibility level code	UN Code list 9645	Code specifying the level of responsibility of a payer	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9645.htm
Process information code qualifier	UN Code list 9649	Code qualifying the processing information	an..3	https://service.unece.org/trade/untdid/d21a/tred/tred9649.htm

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Code for the Representation of Names of Countries	ECE Rec 3	Codes representing the names of countries, dependencies, and other areas of special geopolitical interest for purposes of international trade (ISO ALPHA 2 Country Code)	Code for the Representation of Names of Countries	https://unece.org/fileadmin/DAM/cefact/recommendations/rec03/rec03_ecetrd201.pdf
Abbreviations of INCOTERMS	ECE Rec 5	Recommends the use of agreed abbreviations for the ICC trade terms (INCOTERMS) for acceptance and use by governments and international organizations whenever these terms are used in the abbreviated form		https://unece.org/sites/default/files/2020-12/ECE-TRADE-458E-CFRec5.pdf
Numerical Representation of Dates, Time and Periods of Time	ECE Rec 7	Establishes a method for a standardized and unambiguous numerical designation of a given date, time of day and length of time, when presented in a numerical form		https://unece.org/fileadmin/DAM/cefact/recommendations/rec07/rec07_1988_inf108.pdf
Alphabetical Code for the Representation of Currencies	ECE Rec 9	Recommends the use of the three-letter alphabetic codes of the international standard ISO 4217 “Codes for the representation of currencies and funds” when currencies are expressed in coded or abbreviated form		https://unece.org/fileadmin/DAM/cefact/recommendations/rec09/rec09_ecetrd203.pdf
Codes for the Identification of Ships	ECE Rec 10	Recommends that participants in international trade, including ship owners, port authorities and other		https://unece.org/fileadmin/DAM/cefact/recommendations/rec10/rec10rev_1997_r1274.pdf

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
		parties involved in maritime transport of goods, use the International Maritime Organization (IMO) Ship Identification Number Scheme for the unique identification of ships; and recommends using only the final seven characters of the IMO number in automated applications		
United Nations Code for Trade and Transport Locations (UN/LOCODE)	ECE Rec 16	Recommends a five-letter alphabetic code for abbreviating names of locations such as ports, airports, inland freight terminals and other locations where customs clearance of goods can take place, and whose names need to be represented unambiguously in data interchange		https://unece.org/sites/default/files/2020-12/ECE-TRADE-459E.pdf
Abbreviations for terms of payment (PAYTERMS)	ECE Rec 17	Provides abbreviations for certain terms of payment (PAYTERMS) for use in international trade transactions		https://unece.org/fileadmin/DAM/cefact/recommendations/rec17/rec17_1982_ecetrd142.pdf
Codes for modes of transport	ECE Rec 19	Establishes a one-digit numerical code for representing transport modes and provides for a second digit for subdivisions, if required		https://unece.org/fileadmin/DAM/cefact/recommendations/rec19/rec19_01cf19e.pdf

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
Codes for units of measure used in international trade	ECE Rec 20	Provides three character alphabetic and alphanumeric codes for representing units of measurement for length, area, volume/capacity, mass (weight), time, and other quantities used in international trade		https://unece.org/fileadmin/DAM/cefact/cf_plenary/plenary09/cf_09_24E.pdf
Codes for passengers, types of cargo, packages, and packaging materials	ECE Rec 21	Presents coded representations for the package type names used in international trade; intended for use in manual and/or automated systems for the exchange of information between participants in international trade		https://unece.org/fileadmin/DAM/cefact/recommendations/rec21/rec21rev2_rev_96trd211.pdf
Freight Cost Code (FCC)	ECE Rec 23	Provides a naming system to be used to establish harmonized descriptions of freight costs and other charges related to the international movement of goods		https://unece.org/fileadmin/DAM/cefact/cf_plenary/plenary11/ECE_TRADE_C_CEFACCT_2011_6E.pdf
Trade and transport status codes	ECE Rec 24	Provides transport status codes to satisfy requirements for exchanging coded information about the status of consignments, goods or means of transport at a certain time or place in the transport chain		https://unece.org/fileadmin/DAM/cefact/cf_plenary/plenary09/cf_09_26E.pdf
Codes for types of means of transport	ECE Rec 28	Establishes a common code list for the identification of the type of means of		https://unece.org/fileadmin/DAM/cefact/recommendations/rec28/Rec28_Rev3e_2010.pdf

<i>Name</i>	<i>Ref (if any)</i>	<i>Description</i>	<i>Rep</i>	<i>Where to find</i>
		transport; particularly relevant for transport providers, customs/other authorities, statistical offices, forwarders, shippers, consignees etc.		

Annex II

Semantic dictionary of key international trade terms for use within UN/CEFACT work

<i>Term</i>	<i>Definition</i>
Authority	An authority provides authorization associated with any conventions or regulations applicable to the trading of goods within the international purchase and supply chain. The possible roles of an authority include border control authorities (e.g. customs), permit/licence issuing authorities, port authorities, etc.
Buyer	The buyer is the party to whom goods are sold or services as stipulated in a sales order contract.
Carrier	The carrier is the party which provides transport services.
Consignee	The consignee is the party receiving a consignment of goods as stipulated in a transport service contract. They are the party to whom goods are shipped and delivered, or the receiver of a freight shipment.
Consignment	The consignment is a separately identifiable collection of consignment items, (available to be) transported from one consignor to one consignee, via one or more modes of transport, as specified in one single transport service contractual document.
Consignment item	This is a separately identifiable quantity of products, grouped together by customs tariff code or packaging for transport purposes. A consignment item is the lowest level of information within a consignment. In the case of cross-border consignments, each consignment item must have only one associated customs tariff code in order to satisfy customs requirements.
Consignor	The consignor is the party consigning goods, as stipulated in a transport service contract. The consignor is the party who originates a shipment of goods, the sender of a freight shipment (usually the seller).
Conveyance report	A conveyance report permits the transfer of data from a carrier to a customs administration for the purpose of meeting customs reporting requirements in respect of the means of transport on which cargo is carried.
Customs cargo report	These are documents by which movements of goods are reported to customs, at a place of export, import or transit.
Customs item	A customs item is a consignment item, a trade item or an aggregation of consignment or trade items with a distinct customs tariff code for reporting to customs.
Delivery party	This is the party to which goods should be delivered by the transport services provider. The operational term for this is 'delivery location' (or 'place of positioning').

<i>Term</i>	<i>Definition</i>
Despatch party	The party from which goods are collected or taken over by the transport services provider. The operational term for this is 'pick-up location' (or 'pick-up place').
Exporter	The exporter is the party who makes, or on whose behalf the export declaration is made, and who is the owner of the goods or has similar rights of disposal over them at the time when the declaration is accepted.
Final delivery party/ultimate delivery party	This is the party to whom goods will be, or will have been, ultimately shipped.
Freight forwarder	This is the party undertaking the forwarding of goods by provision of transport, logistics, associated formalities services etc.
Importer	This is the party who makes, or on whose behalf a customs clearing agent or other authorized person makes, an import declaration. This may include a person who has possession of the goods or a person to whom the goods are consigned.
Intermediary	Within the international purchase and supply chain, an intermediary can be any party who provides services to support either the sales order contract or the transport service contract. The possible roles of an intermediary include the transport service provider (e.g. carrier, freight forwarder), financial institution or customs agent, etc.
Invoice issuer	This is the party who issues an invoice.
Invoice	This is the party to whom an invoice is issued.
Original despatch party	This is the party from whom goods will be, or have been, originally shipped.
Sales order	A sales order is a contractual document by means of which a buyer initiates a transaction with a seller, involving the supply of goods or services, as specified according to conditions which are either set out in a formal quotation or otherwise known to the buyer. The information included in the cross-border order document covers the commercial information between the buyer and the seller relating to the sales order and also the additional transport and regulatory information required by intermediaries and authorities.
Seller	The seller is the party selling/supplying goods or services as stipulated in a sales order contract. The primary role of the supplier, as specified in the sales order contract, is the seller. Other possible roles include the original consignor/shipper, transport services buyer, exporter, and invoice issuer.
Shipment	A shipment is an identifiable collection of one or more trade items (available to be) transported together from the seller (original consignor/shipper) to the buyer (final/ultimate consignee).
Trade item	This is the lowest level of "commercial" information in a sales order between the buyer and the seller. Each trade item will usually be associated with a particular product and will include details such as product code, quantity and unit

<i>Term</i>	<i>Definition</i>
	price. In the case of cross-border orders each product will also have an associated customs tariff code.
Transport equipment	This is a piece of equipment used to hold, protect or secure cargo for logistics purposes.
Transport means	These are the devices used to convey goods or other objects from place to place during transport movements.
Transport movement	This is the conveyance (physical carriage) of goods, persons or other objects from one location to another location.
Transport packaging	A self-contained wrapping or container within which goods can be contained for transport purposes, such as a box or a barrel which can be filled, partially filled, or empty.
Transport service buyer	This is the party stipulated as the buyer of transport services in a transport service contract. The transport service buyer role may be performed by either the consignor or the consignee depending on the terms of delivery specified in the associated sales order contract.
Transport services buyer (consignor or consignee)	This is the buyer of transport services as stipulated in a transport service contract.
Transport services provider (carrier or freight forwarder)	This is the provider (i.e. seller of transport services) as stipulated in a transport service contract.