



# Business Interoperability Specification



**OpenPEPPOL AISBL**



**Post Award Coordinating  
Community**

**ICT -  
Models**

**BIS 3A – Order only**



**Version: 4.01  
Status: In use**



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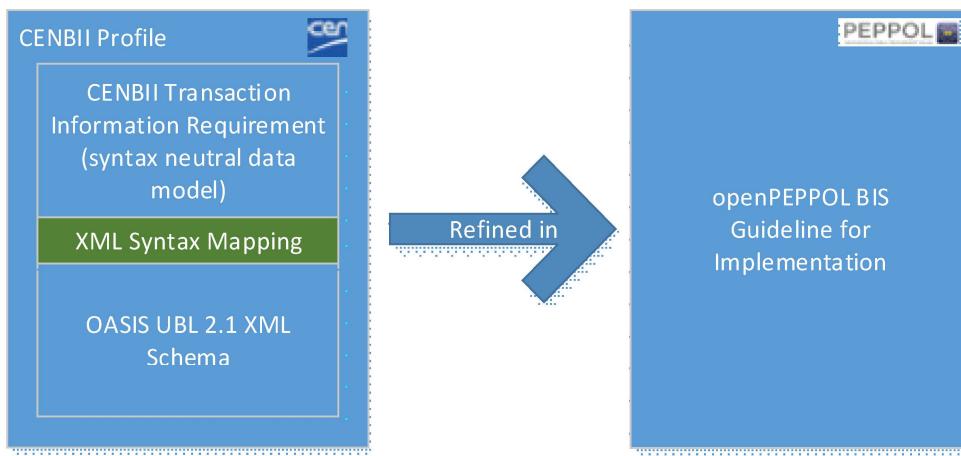
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# 1 Introduction to openPEPPOL and BIS

This BIS is a result of work within openPEPPOL and is published as part of the PEPPOL specifications.

This PEPPOL BIS provides a set of specifications for implementing a PEPPOL business process. The document is concerned with clarifying requirements for ensuring interoperability of pan-European Public eProcurement and provides guidelines for supporting these requirements and how to implement them. This PEPPOL BIS is based on the CEN WS/BII2 Profile “BII Profile 03 Order Only”.

**The purpose** of this document is to describe a common format for the order message in the European market, and to facilitate an efficient implementation and increased use of electronic collaboration regarding the ordering process based on this format.



## 1.1 Audience

The audience for this document is organizations wishing to be PEPPOL enabled for exchanging electronic orders, and/or their ICT-suppliers. These organizations may be:

- ▶ Service providers
- ▶ Contracting Authorities
- ▶ Economic Operators
- ▶ Software Developers

More specifically it is addressed towards the following roles:

- ▶ ICT Architects
- ▶ ICT Developers
- ▶ Business Experts

For further information on PEPPOL/OpenPEPPOL please see [COMMON BIS].

## 2 References

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [PEPPOL]           | <a href="http://www.peppol.eu/">http://www.peppol.eu/</a>                                                                                                                                                                                                                                                                                                                                                             |
| [PEPPOL_EIA]       | <a href="http://www.peppol.eu/peppol_components/peppol-eia/eia">http://www.peppol.eu/peppol_components/peppol-eia/eia</a>                                                                                                                                                                                                                                                                                             |
| [PEPPOL_PostAward] | <a href="http://www.peppol.eu/peppol_components/peppol-eia/eia#ict-architecture/post-award-eprocurement/models">http://www.peppol.eu/peppol_components/peppol-eia/eia#ict-architecture/post-award-eprocurement/models</a>                                                                                                                                                                                             |
| [PEPPOL_Transp]    | <a href="http://www.peppol.eu/peppol_components/peppol-eia/eia#ict-architecture/transport-infrastructure/models">http://www.peppol.eu/peppol_components/peppol-eia/eia#ict-architecture/transport-infrastructure/models</a>                                                                                                                                                                                           |
| [COMMON BIS]       | To be developed                                                                                                                                                                                                                                                                                                                                                                                                       |
| [CEN_BII2]         | <a href="http://www.cenbii.eu">http://www.cenbii.eu</a>                                                                                                                                                                                                                                                                                                                                                               |
| [BII_Order]        | <a href="ftp://ftp.cen.eu/public/CWAs/BII2/CWA16562/CWA16562-Annex-A-BII-Profile-03-OrderOnly-V2_0_0.pdf">ftp://ftp.cen.eu/public/CWAs/BII2/CWA16562/CWA16562-Annex-A-BII-Profile-03-OrderOnly-V2_0_0.pdf</a>                                                                                                                                                                                                         |
| [BII_OrderModel]   | A browsable HTML version:<br><a href="http://spec.cenbii.eu/BII2/fxhtml/Trdm001-Order/g_1.htm?http://spec.cenbii.eu/BII2/fxhtml/Trdm001-Order/g_5.htm">http://spec.cenbii.eu/BII2/fxhtml/Trdm001-Order/g_1.htm?http://spec.cenbii.eu/BII2/fxhtml/Trdm001-Order/g_5.htm</a>                                                                                                                                            |
| [UBL]              | <a href="http://docs.oasis-open.org/ubl/UBL-2.1.html">http://docs.oasis-open.org/ubl/UBL-2.1.html</a>                                                                                                                                                                                                                                                                                                                 |
| [UBL_Order]        | <a href="http://docs.oasis-open.org/ubl/os-UBL-2.1/xsd/maindoc/UBL-Order-2.1.xsd">http://docs.oasis-open.org/ubl/os-UBL-2.1/xsd/maindoc/UBL-Order-2.1.xsd</a>                                                                                                                                                                                                                                                         |
| [Schematron]       | <a href="http://www.schematron.com">http://www.schematron.com</a>                                                                                                                                                                                                                                                                                                                                                     |
| [XSLT]             | <a href="http://www.w3.org/TR/xslt20/">http://www.w3.org/TR/xslt20/</a>                                                                                                                                                                                                                                                                                                                                               |
| [DIR_2009/101/EC]  | Council Directive 2009/101/EC of 16 September 2009, Article 5: Member States shall prescribe that letters and order forms, whether they are in paper form or use any other medium , are to state the following particulars..., found at:<br><a href="http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32006L0112:EN:NOT">http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32006L0112:EN:NOT</a> |
| [DIR_2006/112/EC]  | Council Directive 2006/112/EC of 28 November 2006 on the common system of value added tax, found at:<br><a href="http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32006L0112:EN:NOT">http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32006L0112:EN:NOT</a>                                                                                                                                     |
| [DIR_1999/93/EC]   | Directive 1999/93/EC of the European Parliament and of the Council of 13 December 1999 on a Community framework for electronic signatures, found at:<br><a href="http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:31999L0093:EN:NOT">http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:31999L0093:EN:NOT</a>                                                                                     |
| [EIF]              | European Interoperability Framework 2.0, found at:<br><a href="http://ec.europa.eu/isa/library/index_en.htm">http://ec.europa.eu/isa/library/index_en.htm</a><br><a href="http://ec.europa.eu/isa/documents/isa_annex_ii_eif_en.pdf">http://ec.europa.eu/isa/documents/isa_annex_ii_eif_en.pdf</a>                                                                                                                    |
| [GS1 Keys]         | <a href="http://www.gs1.org/barcodes/technical/id_keys">http://www.gs1.org/barcodes/technical/id_keys</a>                                                                                                                                                                                                                                                                                                             |

## 3 Document history

### 3.1 Revision history

| Version | Date       | Author                              | Organisation              | Description                                                                   |
|---------|------------|-------------------------------------|---------------------------|-------------------------------------------------------------------------------|
| 1.0     | 30.04.2010 | Klaus V. Pedersen                   | Difi                      | First version (pending EC approval)                                           |
| 1.1     | 29.09.2010 | Sverre Bauck                        | Difi                      | Proposed further development of version                                       |
| 1.2     | 12.10.2010 | Sverre Bauck                        | Difi                      | Incorporation of commented proposals                                          |
| 1.3     | 28.10.2012 | Klaus V. Pedersen<br>Andrea Leutgeb | Difi<br>PEPPOL.AT         | Updated chapter 1                                                             |
| 2.0     | 29.11.2010 | Andrea Leutgeb                      | PEPPOL.AT                 | Second version (pending EC approval)                                          |
| 2.02    | 05.09.2011 | Bergthor Skulason                   | NITA                      | Approved by EC                                                                |
| 2.10    | 30.11.2011 | Bergthor Skulason                   | NITA                      | Update business rules and codelists.<br>Setup guideline as separate document. |
| 3.0     | 20.11.2011 | Bergthor Skulason                   | NITA                      | 3 <sup>rd</sup> version.                                                      |
| 4.0     | 25.11.2013 | Erik Gustavsen                      | Difi/Edisys Consulting AS | 4 <sup>th</sup> version.                                                      |
| 4.0     | 10.03.2016 | Siw Midtgårg<br>Meckelborg          | Difi/Edisys Consulting AS | Minor editorial changes, see release notes                                    |

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## 4 Principles and prerequisites

This chapter describes the principles and assumptions that underlie the use of PEPPOL Ordering. It is based on the CEN BII 03 Order Only. See [BII\_Ordering]

### 4.1 PEPPOL BIS 3A - Scope

This BIS describes a process comprising a Buyer to issue an electronic order without an order confirmation by the Seller.

The main activities supported by this profile are:

#### ***Structured Ordering***

The Order transaction should support the structured ordering of goods or services, using free text or use of identifiers. The information source of the ordered products may be a (paper or electronic) catalogue.

#### ***Accounting***

The ordering process must support the allocation of budgets, so the value amounts of the ordered products may be stated. The buyer may provide some information that the seller is required to place on the invoice for aiding and automation of invoice processing.

#### ***Invoice Verification***

The buyer may provide some information that the seller is required to place on the invoice for aiding and automation of invoice approval.

#### ***VAT reporting***

VAT reporting is not a general requirement on orders. The level of support in orders is to

- ▶ Enable VAT reporting in invoices by providing VAT number of buyer in case of reverse charges.
- ▶ VAT can be stated as an estimate to enable buyers to state expected value of order. This can be helpful in automated matching of orders and invoices. VAT information is informative and does not affect the terms of trade.

#### ***Transport and delivery***

Only limited support is in scope for transport related information, but it is recognized that the buyer needs to be able to provide some information about requested delivery location, some basic term, time and contact persons for a delivery of an order.

#### ***Inventory***

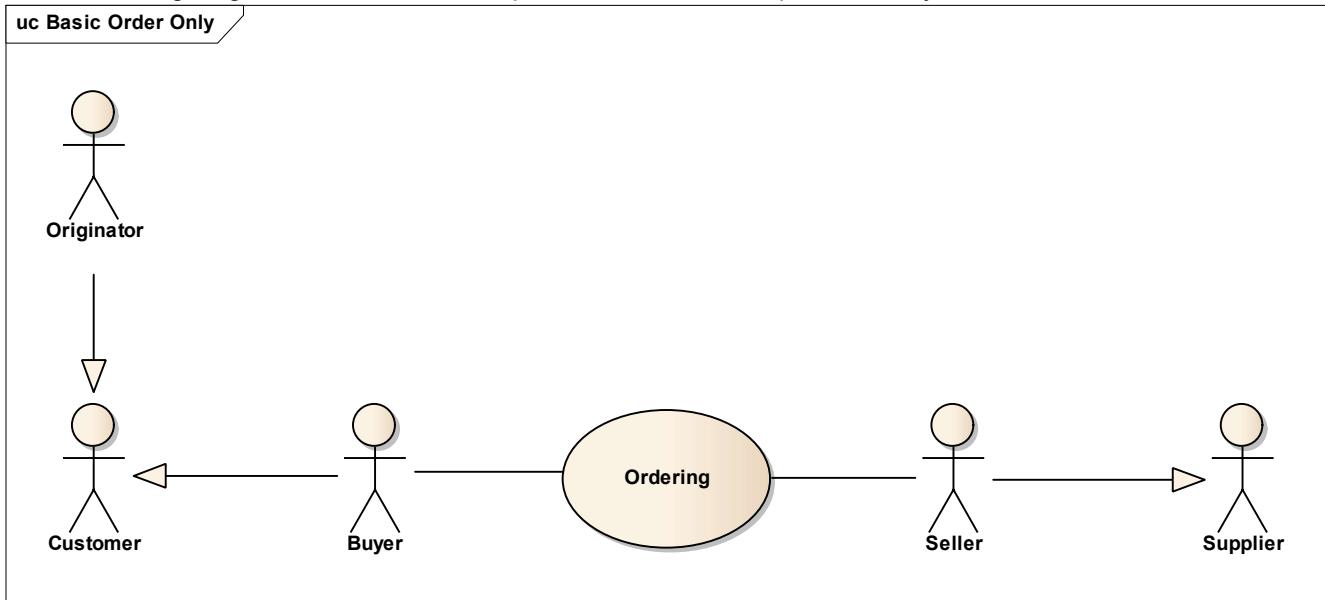
Supporting inventory management is not in scope, but structured orders based on catalogues can be used to automate picking at supplier warehouses.

## 4.2 PEPPOL BIS 3A - Parties and roles

The table below gives the definitions of the parties and roles of the ordering process.

| Business partners                       | Description                                                                                                                                                                                                     |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Customer                                | <p>The customer is the legal person or organization who is in demand of a product or service.</p> <p>Examples of customer roles: buyer, consignee/delivery part, debtor, contracting authority, originator.</p> |
| Supplier                                | <p>The supplier is the legal person or organization who provides a product or service.</p> <p>Examples of supplier roles: seller, consignor, creditor, economic operator.</p>                                   |
| Role/actor                              | Description                                                                                                                                                                                                     |
| Buyer<br>(BuyerCustomerParty)           | The buyer is the legal person or organization acting on behalf of the customer and who buys or purchases the goods or services.                                                                                 |
| Seller<br>(SellerSupplierParty)         | The seller is the legal person or organization acting on behalf of the supplier and who sells goods or services to the customer.                                                                                |
| Originator<br>(OriginatorCustomerParty) | A person or unit that initiates an order.                                                                                                                                                                       |
| Invoicee<br>(AccountingCustomerParty)   | A person or unit that receives the invoice (invoicee) on behalf of the customer.                                                                                                                                |

The following diagram links the business processes to the roles performed by the Business Partners.



## 4.3 PEPPOL BIS 3A - Benefit

Based on success with automation of invoicing, there is a growing interest in automation of ordering also. This approach has two dimensions: Support further automation of invoicing and using structured catalogues as basis for ordering. Implementing this BIS is an important step for many companies and government agencies towards full procurement automation.

For the sellers, the approval, picking and invoicing can be automated significantly.

For the procuring agency, approval and accounting of invoices can be automated and ordering can be structured by use of catalogues.

Other potential benefits of using this BIS are, among others:

- ▶ Can be used by procuring agencies as step towards automation of procurement. The flexibility of the specifications allows the buyers to gradually automate and structure ordering, based on a cost/benefit approach.
- ▶ SME can offer their trading partners the option of exchanging standardized documents in a uniform way and thereby move all orders into electronic form.
- ▶ Large companies can implement this BIS as standardized documents for general operations and implement custom designed bi-lateral connections for large trading partners.
- ▶ Can be used as basis for restructuring of in-house processes of orders and invoices.
- ▶ Significant saving can be realized by the procuring agency by automating and streamlining in-house processing.
- ▶ Significant saving can be realized by the sellers by automating and streamlining in-house processing. Linking to picking and invoicing can be improved significantly based on increased order quality, restructuring of invoice dispute resolution and shorter payment cycles.
- ▶ For the procuring agency, invoice automation and ordering can be structured.

## 4.4 PEPPOL BIS 3A - Interoperability

This PEPPOL BIS structure is based on the European Interoperability Framework 2.0. PEPPOL BIS applies the Framework as follows:

### 1. Organizational interoperability

- ▶ Organization (Organization/Business):
  - This PEPPOL BIS supports B2B and B2G
  - This PEPPOL BIS supports cross border, regional and domestic ordering in EU and EEA
  - This PEPPOL BIS can function as a component in an EDI agreement within a trading community
  - This PEPPOL BIS supports linking of business processes within the sending and receiving organization. The process of order transmission in electronic form can be linked into internal processes of both sender and receiver, which may differ for various reasons.
- ▶ Organization (Process):
  - This PEPPOL BIS supports a set of “common business processes” that are assumed to be supported by most enterprises whether public or private. These are processes that are used widely or understood as being relevant for most companies.

### 2. Semantic interoperability

- ▶ Semantic:

The set of information elements is assumed to be sufficient to support organizational business and processing requirements stated above.

- A CORE Order:
  - Data model, a set of elements that the receiver MUST be able to process.

- Business rules, a set of business rules that ensure a common way of processing the information elements. The rules are stated in a way that allows for automated validation of document instances. Issuers and receivers can verify that the exchanged document conforms to the rules of this BIS.

PEPPOL adds business rules on top of the data model to clarify certain design choices left open by the CEN BII. These choices are intended to lower the implementation threshold by limiting options for implementers and thereby increase interoperability of PEPPOL invoices.

### 3. Technical interoperability

- ▶ Technical Interaction (Process and semantic implementation):
  - Binding to OASIS UBL 2.1, see [UBL]
  - ISO/IEC 19757-3 Schematron, for automation of document validation, see [Schematron]
  - XSLT Stylesheet for presentation of content, see [XSLT]
- ▶ Technical Interaction (eSignature Validation):
  - Not mandatory in this PEPPOL BIS. Not supported.

## 5 Transaction business requirements

### 5.1 General requirements

| ID        | Requirement                                                                                                                                                                                                     |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| tbr01-001 | To control the validation and processing of an order; information that identifies the data model customization used and the business process that the order is part of                                          |
| tbr01-002 | An order must provide information about its identity, type (purchase order or consignment order), issue date and validity                                                                                       |
| tbr01-003 | To provide flexibility in ordering an order must provide for free text notes on document level as well as on individual order lines.                                                                            |
| tbr01-004 | An order must provide for information about the value of items ordered and what prices, charges and totals (including estimate of VAT) are expected to be paid in a way that can be matched against an invoice. |
| tbr01-005 | The order must enable the buyer to send information that can be reported back in a resulting invoice with the purpose of automating the processing of the invoice.                                              |
| tbr01-006 | The order must enable the buyer to reference contract and documents that are relevant to prices and terms, including terms of delivery.                                                                         |
| tbr01-030 | The order must support information needed to specify estimated allowance and charges on document level that apply to the order as a whole.                                                                      |
| tbr01-031 | All amounts in the Order must be stated in the same currency.                                                                                                                                                   |
| tbr01-032 | Order should only contain non-negative prices and quantities                                                                                                                                                    |

### 5.2 Parties

| ID        | Requirement                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| tbr01-010 | An electronic order must provide for the identification of the electronic address from which the buyer sent the message and the electronic address to which it should be sent.                                                                                                                                                                                                                 |
| tbr01-011 | For supporting reverse charge VAT invoicing the order must provide for the buyers VAT number in order to enable the seller to issue legally valid invoices. In some cases the buyer's legal registration ID should also be provided. The legal registration ID may be used for identification purposes in the invoicing process and to verify the identity of parties for commercial purposes. |
| tbr01-012 | An order must provide for legal information for the buyer. Ref. [DIR_2009/101/EC]                                                                                                                                                                                                                                                                                                              |
| tbr01-013 | An order must provide for contact information for the buyer and the seller including structured name, phone, fax and email and job title.                                                                                                                                                                                                                                                      |
| tbr01-009 | An order must provide for identifying the buyer and seller with name and address as well as identifiers, including the sellers' legal registration ID. Use of published identifiers is common for identifying parties. Each party should be free to choose the scheme from which the own identification is derived.                                                                            |
| tbr01-020 | An order must provide for contact details of the party who originated the order as a whole or for individual order lines (i.e. the end user of the items).                                                                                                                                                                                                                                     |

## 5.3 Delivery

| ID        | Requirement                                                                                                                                                         |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| tbr01-021 | An order must provide for details about delivery location (address and ID), some basic delivery terms, delivery time and contact person for a delivery of an order. |
| tbr01-022 | An order must provide for information about the dates before and/or after which the order as whole or individual order lines must be delivered.                     |
| tbr01-033 | An order line must provide for indication on whether the buyer accepts partial deliveries of that line.                                                             |
| tbr01-038 | Basic delivery terms for transport <ul style="list-style-type: none"> <li>▶ Transport location</li> <li>▶ Transport terms</li> </ul>                                |

## 5.4 Line requirements

| ID        | Requirement                                                                                                                                                                                                                                                                           |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| tbr01-025 | Each line in an order must be clearly identified to enable referencing from other documents.                                                                                                                                                                                          |
| tbr01-027 | An order must provide for information about the final price that the buyer expects to pay exclusive of any VAT. This makes it possible for the seller to verify against his price lists and contracts. An order must provide for giving the base quantity to which the price applies. |
| tbr01-028 | An order line must provide for information about the quantity ordered and its unit of measure.                                                                                                                                                                                        |
| tbr01-029 | An order line must provide for detailed identification of the ordered item or variant of the item including name, identifiers, description as well as the values for different item properties, diagrams and specifications.                                                          |
| tbr01-034 | An order line must provide for seller identifiers and standard identifiers for products                                                                                                                                                                                               |
| tbr01-035 | It must be possible to state informative price discounts and amounts already paid.                                                                                                                                                                                                    |

## 5.5 Legal requirements

This chapter describes the legal scope for adoption of PEPPOL Business Interoperability Specifications (BIS) 3a – Order only. These requirements apply to Businesses and Governments (B2G) who reside in countries whose eProcurement legal frameworks are aligned with requirements as stated in this specification.

Legal requirements to be supported by this BIS. Ref. [DIR\_2009/101/EC]

- ▶ the information necessary in order to identify the register in which the file mentioned in Article 3 is kept, together with the number of the company in that register;
- ▶ the legal form of the company, the location of its registered office and, where appropriate, the fact that the company is being wound up.
- ▶ Where, in those documents, mention is made of the capital of the company, the reference shall be to the capital subscribed and paid up.
- ▶ Member States shall prescribe that company websites are to contain at least the particulars mentioned in the first paragraph and, if applicable, a reference to the capital subscribed and paid up.

## 5.6 Specific OpenPEPPOL requirements

| ID:        | Business term:                                                        | Description:                                                                                                                                                                                                          |
|------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            | <b>HEADER LEVEL:</b>                                                  |                                                                                                                                                                                                                       |
| OP-T01-010 | <b>Buyers contact ID</b>                                              | An order must support the use of ID for buyers contact person. On the order the information is mandatory in Norwegian markets, and recommended in others. Normally used for “Your reference”.                         |
| OP-T01-011 | <b>Invoicee</b>                                                       | An order must support the use of invoicee information. Content will be the same as for buyer except contact information.<br>Norwegian, Swedish and Danish requirement.                                                |
| OP-T01-014 | <b>Payment instructions and terms</b>                                 | An order must support specification of payment terms as plain text.<br>Italian requirement.                                                                                                                           |
|            | <b>LINE LEVEL:</b>                                                    |                                                                                                                                                                                                                       |
| OP-T01-012 | <b>Item specification reference</b>                                   | There is a need to refer to an external document (ID) when it is necessary to specify the details of the item. This could be an instruction on how an item should be assembled or configured.<br>Swedish requirement. |
| OP-T01-013 | <b>AdditionalItemProperty:<br/>Value quantity and value qualifier</b> | Value quantity and value qualifier has been added to the AdditionalItemProperty element to harmonize with PEPPOL BIS Catalogue.                                                                                       |

## 6 Code lists

### 6.1 Code lists for coded elements

Table of the code lists used in the order transaction:

| Business Term        | Source                                 | Subset | Xpath                                   | listID                                                                       |
|----------------------|----------------------------------------|--------|-----------------------------------------|------------------------------------------------------------------------------|
| Order Type Code      | Subset of UN/ECE D1001 for order types | PEPPOL | cbc:OrderTypeCode                       | UNCL1001<br>Values<br>227 – Consignment Order                                |
| Currency Code        | <a href="#">ISO 4217</a>               |        | cbc:DocumentCurrencyCode<br>@currencyID | ISO4217                                                                      |
| MIME Media Type Code | <a href="#">IANA</a>                   |        | @mimeCode                               |                                                                              |
| Country Code         | <a href="#">ISO 3166-1_alpha2</a>      |        | cac:Country/cbc:Identificationcode      | ISO3166-1:Alpha2                                                             |
| Unit Of Measure      | <a href="#">UN/ECE Rec 20</a>          |        | @unitCode                               | UNECERec20<br>Note: Use this list identifier in the attribute unitCodeListID |

#### 6.1.1 Links to code lists

##### CEN BII2 subsets

[http://ftp.cen.eu/public/CWAs/BII2/CWA16558/CWA16558-Annex-G-BII-CodeLists-V2\\_0\\_4.pdf](http://ftp.cen.eu/public/CWAs/BII2/CWA16558/CWA16558-Annex-G-BII-CodeLists-V2_0_4.pdf)

##### ISO 4217

[http://www.currency-iso.org/dam/downloads/dl\\_iso\\_table\\_a1.xml](http://www.currency-iso.org/dam/downloads/dl_iso_table_a1.xml)

##### IANA

<http://www.iana.org/assignments/media-types>

##### ISO 3166-1 alpha2:

[http://www.iso.org/iso/home/standards/country\\_codes.htm](http://www.iso.org/iso/home/standards/country_codes.htm)

##### UN/ECE Rec 20:

[http://www.unece.org/cefact/recommendations/rec20/rec20\\_rev4E\\_2006.xls](http://www.unece.org/cefact/recommendations/rec20/rec20_rev4E_2006.xls)

##### UN ECE 1225:

<http://www.unece.org/trade/untdid/d08a/tred/tred1225.htm>

### 6.2 Codelists for identifier schemes

Table of the code lists used to constrain the values of schemeID for identifiers in the order transaction:

| Business Term           | Allowed SchemeID                               | Applicable Xpath                                                                                                                                                  | Note                                                                                                  |
|-------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Party Identifier        | See “PEPPOL Policy for using Identifiers”      | cbc:EndpointID/@schemeID<br>cac:PartyIdentification/cbc:ID/@schemeID<br>cac:PartyLegalEntity/cbc:CompanyID/@schemeID<br>cac:PartyTaxScheme/cbc:CompanID/@schemeID | Mandatory<br>Mandatory<br>Optional<br>Optional                                                        |
| Tax Category Identifier | Use <a href="#">UNECE5305 CEN BII2 subset.</a> | cac:TaxCategory/cbc:ID<br>cac:ClassifiedTaxCategory/cbc:ID                                                                                                        | Note: Validate the ID with the code list provided by CEN BII2.<br>SchemeID attribute must be UNCL5305 |

## 7 Business Rules

### 7.1 Order business rules

| RuleID         | Rule                                                                                                                                                                            | error level |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| BII2-T01-R001  | An order MUST have a customization identifier                                                                                                                                   | fatal       |
| BII2-T01-R002  | An order MUST have a profile identifier                                                                                                                                         | fatal       |
| BII2-T01-R003  | Each order line MUST have a document line identifier that is unique within the order                                                                                            | fatal       |
| BII2-T01-R004  | An order MUST have a document issue date                                                                                                                                        | fatal       |
| BII2-T01-R005  | An order SHOULD provide information about its validity end date                                                                                                                 | warning     |
| BII2-T01-R006  | An order MUST have a document identifier                                                                                                                                        | fatal       |
| BII2-T01-R007  | Allowances and charges MUST have a reason                                                                                                                                       | fatal       |
| BII2-T01-R009  | An order MUST be stated in a single currency                                                                                                                                    | fatal       |
| BII2-T01-R010  | Each order line ordered quantity MUST not be negative                                                                                                                           | fatal       |
| BII2-T01-R011  | Each order line item net price MUST not be negative                                                                                                                             | fatal       |
| BII2-T01-R012  | Expected total amount for payment MUST NOT be negative                                                                                                                          | fatal       |
| BII2-T01-R013  | Expected total sum of line amounts MUST NOT be negative                                                                                                                         | fatal       |
| BII2-T01-R014  | Expected total sum of line amounts MUST equal the sum of the order line amounts at order line level                                                                             | fatal       |
| BII2-T01-R015  | Expected total sum of allowance at document level MUST be equal to the sum of allowance amounts at document level                                                               | fatal       |
| BII2-T01-R016  | Expected total sum of charges at document level MUST be equal to the sum of charges at document level                                                                           | fatal       |
| BII2-T01-R017  | Expected total amount for payment MUST be equal to the sum of line amounts minus sum of allowances at document level plus sum of charges at document level and VAT total amount | fatal       |
| BII2-T01-R018  | VAT total amount SHOULD be the sum of order line tax amounts, if order line tax amounts are provided                                                                            | warning     |
| BII2-T01-R019  | Each item property MUST have a data name, if item property is provided                                                                                                          | fatal       |
| BII2-T01-R020  | Each item property MUST have a data value, if item property is provided                                                                                                         | fatal       |
| BII2-T01-R021  | An order MUST have the buyer party name or a buyer party identifier                                                                                                             | fatal       |
| BII2-T01-R022  | An order MUST have the seller party name or a seller party identifier                                                                                                           | fatal       |
| BII2-T01-R029  | Each order line SHOULD have an ordered quantity                                                                                                                                 | warning     |
| BII2-T01-R030  | Each order line ordered quantity MUST have an associated unit of measure                                                                                                        | fatal       |
| BII2-T01-R031  | Each order line MUST have an item identifier and/or an item name                                                                                                                | fatal       |
| EUGEN-T01-R011 | An endpoint identifier MUST have a scheme identifier attribute                                                                                                                  | fatal       |
| EUGEN-T01-R012 | A party identifier MUST have a scheme identifier attribute                                                                                                                      | fatal       |
| EUGEN-T01-R013 | An order type code MUST have a list identifier attribute “UNCL1001”                                                                                                             | fatal       |
| EUGEN-T01-R014 | A document currency code MUST have a list identifier attribute “ISO4217”                                                                                                        | fatal       |
| EUGEN-T01-R015 | A country identification code MUST have a list identifier attribute “ISO3166-1:Alpha2”                                                                                          | fatal       |
| EUGEN-T01-R016 | A unit code attribute MUST have a unit code list identifier attribute “UNECERec20”                                                                                              | fatal       |
| EUGEN-T01-R017 | A tax category identifier MUST have a scheme identifier attribute “UNCL5305”                                                                                                    | fatal       |

## 7.2 Codelists business rules

| Identifier | Business Rule                                                                                 |
|------------|-----------------------------------------------------------------------------------------------|
| OP-T01-001 | OrderTypeCode in an order MUST be from UN/ECE 1001 code list PEPPOL Subset                    |
| OP-T01-002 | DocumentCurrencyCode MUST be coded using ISO code list 4217                                   |
| OP-T01-003 | A Binary Object MIME code attribute MUST be coded using MIME Code Type version 2008 code list |
| OP-T01-004 | An Endpoint Identifier Scheme identifier MUST be from the code list PEPPOL Party Identifier   |
| OP-T01-005 | An Party Identifier Scheme identifier MUST be from the code list PEPPOL Party Identifier      |
| OP-T01-006 | Country codes in an order MUST be coded using ISO code list 3166-1                            |
| OP-T01-007 | currencyID MUST be coded using ISO code list 4217                                             |
| OP-T01-008 | A tax category identifier MUST be coded using UN/ECE 5305 BII2 Subset                         |
| OP-T01-009 | Unit code MUST be coded according to the UN/ECE Recommendation 20 (2009)                      |

## 8 Process and typical use cases

The Order only profile includes the sending of Orders from a Buyer to a Seller.

### 8.1 Process flow

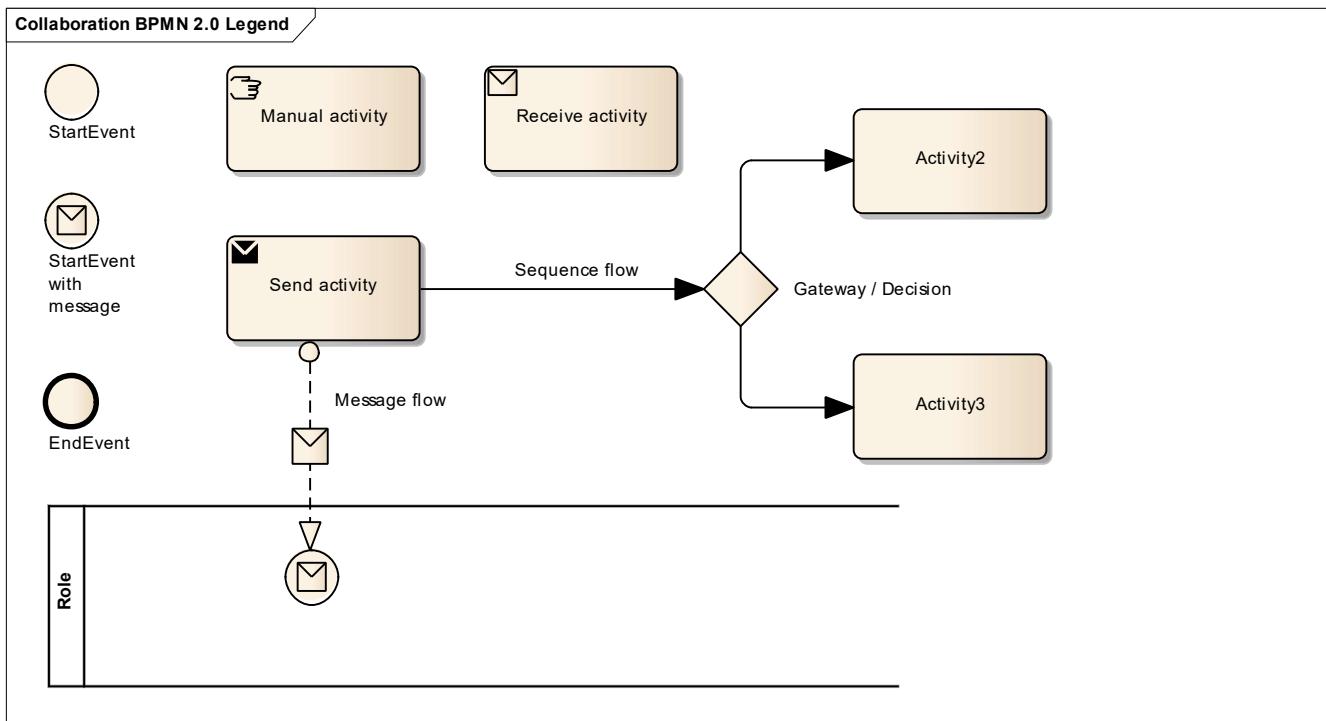
The Order process flow can be described as follows:

- ▶ A Buyer submits an Order to the Seller requesting for delivery of goods or services
- ▶ An Order may refer to a framework agreement for its terms and conditions; otherwise the Buyer's terms and conditions apply.
- ▶ An Order may contain items (goods or services) with item identifiers or items with free text description.

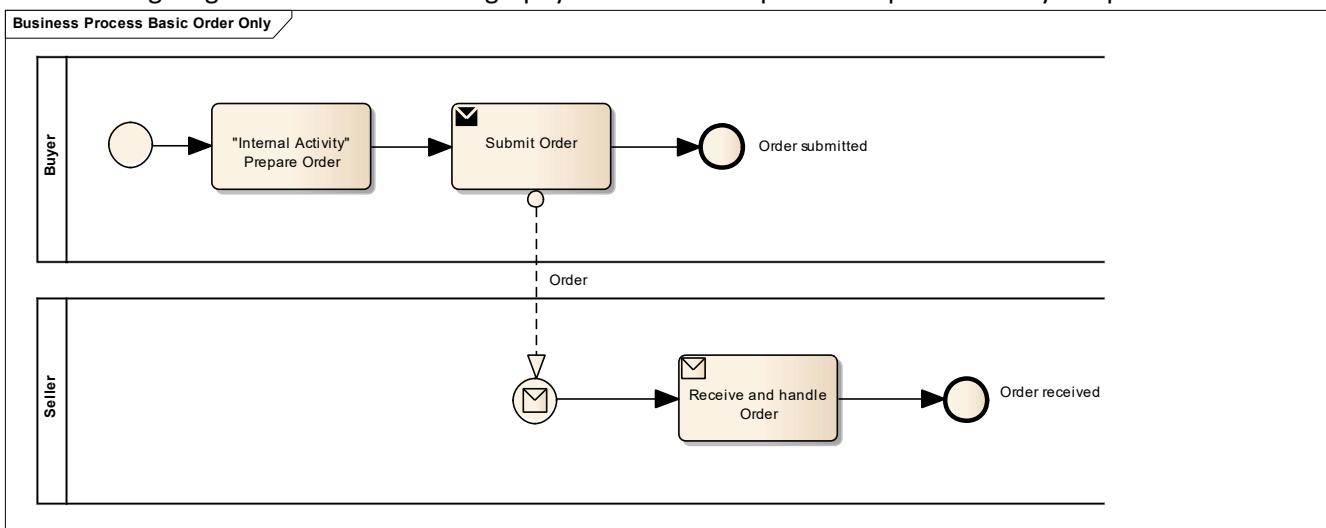
## 8.2 Business process Diagram

### 8.2.1 Legend for BPMN diagrams

The diagrams are expressed in the BPMN notation. The diagram below serves as an explanation for the diagrams used in the process descriptions.



The following diagram shows the choreography of the business process implemented by the profile.



### 8.3 Use case 1 – Ordering of numbered items/articles

This use case contains an order of numbered items/articles.

|                             |                                                                                                                                                                             |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Use Case number</b>      | 1                                                                                                                                                                           |
| <b>Use Case Name</b>        | Ordering of numbered items/articles                                                                                                                                         |
| <b>Use Case Description</b> | An order of numbered articles. The order instructs the seller of the delivery address. The seller can deliver some of the items but not all. One item needs to be replaced. |
| <b>Parties involved</b>     | Buyer<br>Seller                                                                                                                                                             |
| <b>Assumptions</b>          | The buyer has a catalogue or list of products to order. The catalogue contains the item numbers, names and type of unit of measure.                                         |
| <b>The flow</b>             | The buyer creates the order with 3 different lines and items.<br>The seller receives the order.                                                                             |
| <b>Result</b>               | The buyer and the seller has reached an agreement. If the invoice has an order reference, the invoice can be matched automatically.                                         |
| <b>XML example file</b>     | See Appendix A for a sample file illustrating Use Case 1.                                                                                                                   |

### 8.4 Use case 2 – Ordering of free text articles

This use case contains an order of free text articles.

|                             |                                                                                                                                                                        |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Use Case number</b>      | 2                                                                                                                                                                      |
| <b>Use Case Name</b>        | Ordering of free text articles                                                                                                                                         |
| <b>Use Case Description</b> | An order with item/articles described in free text and attribute/value pairs.                                                                                          |
| <b>Parties involved</b>     | Buyer<br>Seller<br>Originator                                                                                                                                          |
| <b>Assumptions</b>          | The buyer does not have structured item information. The buyer must specify the items in a way that ensures that the seller can properly identify the requested items. |
| <b>The flow</b>             | The buyer creates the order with 2 different lines and items.<br>The seller receives the order.                                                                        |
| <b>Result</b>               | The buyer and the seller has reached an agreement. If the invoice has an order reference, the invoice can be matched automatically.                                    |
| <b>XML example file</b>     | See Appendix A for a sample file illustrating Use Case 2.                                                                                                              |

### 8.5 Use case 3 – Ordering of services

This use case contains an order of services.

|                             |                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------|
| <b>Use Case number</b>      | 3                                                                                    |
| <b>Use Case Name</b>        | Ordering of services                                                                 |
| <b>Use Case Description</b> | An order of translation services. Delivery location and period is specified.         |
| <b>Parties involved</b>     | Buyer<br>Seller                                                                      |
| <b>Assumptions</b>          | The buyer is using a form with pre-defined and agreed properties for this service.   |
| <b>The flow</b>             | The buyer creates the order with one line requesting translation between Swedish and |

|                         |                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
|                         | Spanish.<br>The seller receives the order.                                                                                          |
| <b>Result</b>           | The buyer and the seller has reached an agreement. If the invoice has an order reference, the invoice can be matched automatically. |
| <b>XML example file</b> | See Appendix A for a sample file illustrating Use Case 3.                                                                           |

## 8.6 Use case 4 – Complex ordering

This use case contains an order with almost all elements in the order message used.

|                             |                                                                                                                                                                                                                                                       |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Use Case number</b>      | 4                                                                                                                                                                                                                                                     |
| <b>Use Case Name</b>        | Complex ordering                                                                                                                                                                                                                                      |
| <b>Use Case Description</b> | An order for numbered items with allowance and charges both on order level, line level and price.                                                                                                                                                     |
| <b>Parties involved</b>     | Buyer<br>Seller<br>Originator                                                                                                                                                                                                                         |
| <b>Assumptions</b>          | The buyer has a catalogue or list of products to order. The catalogue contains the item numbers, names and type of unit of measure. The buyer has reached a special agreement with the seller regarding discounts on the order, orderlines and price. |
| <b>The flow</b>             | The buyer creates the order with 4 different lines and items.<br>The seller receives the order.                                                                                                                                                       |
| <b>Result</b>               | The buyer and the seller has reached an agreement. If the invoice has an order reference, the invoice can be matched automatically.                                                                                                                   |
| <b>XML example file</b>     | See Appendix A for a sample file illustrating Use Case 4.                                                                                                                                                                                             |

## 9 Description of selected parts of the order message

### 9.1 Parties

The following parties/roles may be specified in the message:

#### 9.1.1 SellerSupplierParty (Seller)

The seller is the legal person or organization acting on behalf of the supplier and who sells goods or services to the buyer. The seller is mandatory in the PEPPOL BIS Order message.

**Example:**

```
<cac:SellerSupplierParty>
  <cac:Party>
    <cbc:EndpointID schemeID="NO:ORGNR">965678996</cbc:EndpointID>
    <cac:PartyIdentification>
      <cbc:ID schemeID="GLN">5790000435951</cbc:ID>
    </cac:PartyIdentification>
    <cac:PartyName>
      <cbc:Name>The Sellercompany AS</cbc:Name>
    </cac:PartyName>
    <cac:PostalAddress>
      <cbc:StreetName>Address line 1</cbc:StreetName>
      <cbc:AdditionalStreetName>Address Line 2</cbc:AdditionalStreetName>
      <cbc:CityName>BERGEN</cbc:CityName>
      <cbc:PostalZone>5000</cbc:PostalZone>
      <cbc:CountrySubentity>Region B</cbc:CountrySubentity>
      <cac:Country>
        <cbc:IdentificationCode listID="ISO3166-1:Alpha2">NO</cbc:IdentificationCode>
      </cac:Country>
    </cac:PostalAddress>
    <cac:Contact>
      <cbc:Name>Doe, John</cbc:Name>
      <cbc:Telephone>915043212</cbc:Telephone>
      <cbc:Telefax>915043213</cbc:Telefax>
      <cbc:ElectronicMail>john.doe@sellercompany.no</cbc:ElectronicMail>
    </cac:Contact>
  </cac:Party>
</cac:SellerSupplierParty>
```

#### 9.1.2 BuyerCustomerParty (Buyer)

The buyer is the legal person or organization acting on behalf of the customer and who buys or purchases the goods or services. The buyer is mandatory in the PEPPOL BIS Order message.

**Example:**

```
<cac:BuyerCustomerParty>
  <cac:Party>
    <cbc:EndpointID schemeID="NO:ORGNR">984661185</cbc:EndpointID>
    <cac:PartyIdentification>
      <cbc:ID schemeID="GLN">5790000435944</cbc:ID>
    </cac:PartyIdentification>
    <cac:PartyName>
      <cbc:Name>The Buyercompany</cbc:Name>
    </cac:PartyName>
    <cac:PostalAddress>
      <cbc:StreetName>Address line 1</cbc:StreetName>
```

```

<cbc:AdditionalStreetName>Address Line 2</cbc:AdditionalStreetName>
<cbc:CityName>OSLO</cbc:CityName>
<cbc:PostalZone>0185</cbc:PostalZone>
<cbc:CountrySubentity>Region A</cbc:CountrySubentity>
<cac:Country>
    <cbc:IdentificationCode listID="ISO3166-1:Alpha2">NO</cbc:IdentificationCode>
</cac:Country>
</cac:PostalAddress>
<cac:PartyTaxScheme>
    <cbc:CompanyID>984661185MVA</cbc:CompanyID>
    <cac:TaxScheme>
        <cbc:ID>VAT</cbc:ID>
    </cac:TaxScheme>
</cac:PartyTaxScheme>
<cac:PartyLegalEntity>
    <cbc:RegistrationName>The BuyerCompany ASA</cbc:RegistrationName>
    <cbc:CompanyID>984661185</cbc:CompanyID>
    <cac:RegistrationAddress>
        <cbc:CityName>Oslo</cbc:CityName>
        <cac:Country>
            <cbc:IdentificationCode listID="ISO3166-1:Alpha2">NO</cbc:IdentificationCode>
        </cac:Country>
    </cac:RegistrationAddress>
</cac:PartyLegalEntity>
<cac:Contact>
    <cbc:ID>3150bdn</cbc:ID>
    <cbc:Name>Johansen, Pat</cbc:Name>
    <cbc:Telephone>91508465</cbc:Telephone>
    <cbc:Telefax>91508466</cbc:Telefax>
    <cbc:ElectronicMail>pat.johansen@buyercompany.no</cbc:ElectronicMail>
</cac:Contact>
</cac:Party>
</cac:BuyerCustomerParty>

```

### 9.1.3 OriginatorCustomerParty (Originator)

The unit initiating the order. Most often the end user. The originator information is optional in the PEPPOL BIS Order message.

**Example:**

```

<cac:OriginatorCustomerParty>
    <cac:Party>
        <cac:PartyName>
            <cbc:Name>Purchasing department</cbc:Name>
        </cac:PartyName>
        <cac:Contact>
            <cbc:Name>Smith, John</cbc:Name>
            <cbc:Telephone>92005761</cbc:Telephone>
            <cbc:Telefax>92005762</cbc:Telefax>
            <cbc:ElectronicMail>john.smith@sellercompany.no</cbc:ElectronicMail>
        </cac:Contact>
    </cac:Party>
</cac:OriginatorCustomerParty>

```

### 9.1.4 AccountingCustomerParty (Invoicee)

The invoicee is the legal person or organization acting on behalf of the customer and who receives the invoice for the order. The invoicee information is optional in the PEPPOL BIS Order message.

**Example:**

```
<cac:AccountingCustomerParty>
```

```

<cac:Party>
    <cbc:EndpointID schemeID="SE:ORGNR">5544332211</cbc:EndpointID>
    <cac:PartyIdentification>
        <cbc:ID schemeID="SE:ORGNR">5544332211</cbc:ID>
    </cac:PartyIdentification>
    <cac:PartyName>
        <cbc:Name>Swedish Hospitals</cbc:Name>
    </cac:PartyName>
    <cac:PostalAddress>
        <cbc:StreetName>Main street 4</cbc:StreetName>
        <cbc:AdditionalStreetName>Back door</cbc:AdditionalStreetName>
        <cbc:CityName>Eurocity</cbc:CityName>
        <cbc:PostalZone>11155</cbc:PostalZone>
        <cbc:CountrySubentity>Region A</cbc:CountrySubentity>
        <cac:Country>
            <cbc:IdentificationCode listID="ISO3166-1:Alpha2">SE</cbc:IdentificationCode>
        </cac:Country>
    </cac:PostalAddress>
    <cac:PartyTaxScheme>
        <cbc:CompanyID>SE554127771101</cbc:CompanyID>
        <cac:TaxScheme>
            <cbc:ID>VAT</cbc:ID>
        </cac:TaxScheme>
    </cac:PartyTaxScheme>
    <cac:PartyLegalEntity>
        <cbc:RegistrationName>Swedish Hospitals AB</cbc:RegistrationName>
        <cbc:CompanyID>5544332211</cbc:CompanyID>
        <cac:RegistrationAddress>
            <cbc:CityName>Stockholm</cbc:CityName>
            <cac:Country>
                <cbc:IdentificationCode listID="ISO3166-1:Alpha2">SE</cbc:IdentificationCode>
            </cac:Country>
        </cac:RegistrationAddress>
    </cac:PartyLegalEntity>
</cac:Party>
</cac:AccountingCustomerParty>

```

Note that in order to facilitate the invoicee information to be used in the invoice it is recommended to include as much information as possible, ie. PostalAddress, PartyTaxScheme and PartyLegalEntity in addition to PartyName and PartyIdentification.

## 9.2 Attachments

Non-XML documents can be sent as attachments to the PEPPOL BIS Order. This could be drawings or timesheets or other documents relevant for the order. The attachment can either be sent as a binary object encoded in Base64 embedded in the message or as a URI to an external address as a link.

**It is recommended to send attachments as embedded, binary objects and not as external references.**

| Element   | Description                                                                                                                                                                                                                                                                                                                                                 |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Coding    | Base64                                                                                                                                                                                                                                                                                                                                                      |
| File name | <p>File name and extension should be sent in the filename attribute to the EmbeddedDocumentBinaryObject element.</p> <p><b>Note that the filename attribute is not included in <a href="#">11.1.2</a> regarding the full content of the Order message. This is due to a problem in the tool used for producing the table in <a href="#">11.1.2</a>.</b></p> |

|                 |                                                                                                                                                                                                                                                             |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Document format | Recommended Mine-types:                                                                                                                                                                                                                                     |
|                 | <ul style="list-style-type: none"> <li>▶ PDF – application/pdf</li> <li>▶ TXT – text/txt</li> <li>▶ XML – text/xml</li> <li>▶ GIF – image/gif</li> <li>▶ TIFF – image/tiff</li> <li>▶ JPEG, JPG – image/jpeg</li> <li>▶ PNG – image/png</li> </ul>          |
| Size            | Recommended maximum message size is 5MB <u>including</u> attachments.                                                                                                                                                                                       |
| Description     | <p>It is recommended to use element <code>cac:AdditionalDocumentReference/cbc:DocumentType</code> to send a short description of the content of the attachment.<br/> NB: Attachments should be used for additional information and not as order copies.</p> |

Example of attachment as an embedded, binary object in an PEPPOL BIS Order message.

```
<cac:AdditionalDocumentReference>
  <cbc:ID>Specification 123</cbc:ID>
  <cbc:DocumentType>Order details</cbc:DocumentType>
  <cac:Attachment>
    <cbc:EmbeddedDocumentBinaryObject mimeCode="application/pdf"
      filename="specification.pdf">PD94bWwgdm... +PC9PcmRlcj4=
    </cbc:EmbeddedDocumentBinaryObject>
  </cac:Attachment>
</cac:AdditionalDocumentReference>
```

### 9.3 Product identification

Product identification must be done using the identifiers described below:

- Sellers ID
- Standard ID, e.g. the GS1 Global Trade Item Number (GTIN)

Which identifier to use depends on what is known at the time ordering or what is commonly used in the relevant business sector.

**Each order line MUST have an item identifier and/or an item name (Ref. 9.1.4)**

Example of an PEPPOL BIS Order item using both Sellers ID and Standard ID (GTIN):

```
<cac:Item
  ...
    <cac:SellersItemIdentification>
      <cbc:ID>541706</cbc:ID>
    </cac:SellersItemIdentification>
    <cac:StandardItemIdentification>
      <cbc:ID schemeID="GTIN">05704368124358</cbc:ID>
    </cac:StandardItemIdentification>
  ...
</cac:Item>
```

### 9.4 Product name and description

The Product name shall be sent in tag `Item/Name` on line level. Description of a product can be sent in `Item/Description`.

The Product name is often sent in the order from buyer to seller.  
Example in an PEPPOL BIS Order message:

```
<cac:Item>
    <cbc:Name>Wet tissues for children </cbc:Name>
    ...
</cac:Item>
```

## 9.5 Quantities and units

Various Quantities and Units can be stated in the PEPPOL BIS Order. These are both related to the ordering process and the logistics process.

The table below lists quantities and units in the format. To all quantities there must be a valid Unit according to the Code list.

| Element name / (Tag name)          | Description                                                          |
|------------------------------------|----------------------------------------------------------------------|
| Price Quantity /<br>(BaseQuantity) | Quantity related to Price.                                           |
| Order Quantity /<br>(Quantity)     | Quantity that is ordered, e.g. number of pieces or volume in litre . |

Example of an order line with a quantity of 120 litre ([cbc:Quantity](#)) and price is given per litre.

```
<cbc:ID>1</cbc:ID>
<cbc:Quantity unitCode="LTR" unitCodeListID="UNECERec20">120</cbc:Quantity>
<cbc:LineExtensionAmount currencyID="NOK">6000</cbc:LineExtensionAmount>
<cbc:PartialDeliveryIndicator>false</cbc:PartialDeliveryIndicator>
<cbc:AccountingCostCode>ProjectID123</cbc:AccountingCostCode>
<cac:Price>
    <cbc:PriceAmount currencyID="NOK">50</cbc:PriceAmount>
</cac:Price>
```

## 9.6 Prices

Prices may be exchanged in the Ordering process both for products with or without item identifiers and free text orders. This also allows for the seller to change the price in the Order response.

If prices are not sent in the order the normal process is to do price matching during the billing process comparing prices in the Invoice to prices in the Catalogue.

Price sent is related to the articles or services within this order. The following price can be stated:

- Prices should include allowances and/or charges but exclude VAT amounts

Example of price information in an Order message:

```
...
<cac:Price>
    <cbc:PriceAmount currencyID="NOK">50</cbc:PriceAmount>
</cac:Price>
```

## 9.7 Allowances and charges

### 9.7.1 General rules

Elements for allowance and charges are found on two levels:

1. The header level applies to the whole order and is included in the calculation of the order total amount.
  2. The line level Price element. Data on this level may be provided to inform the buyer how the price is calculated. The price itself is always the net price, i.e. the Price Amount reduced/increased with allowancecharge/amount.
- ▶ Several allowances and charges may be supplied on header-level. For the Price-element only one occurrence of the Allowance and Charge element can be present. The element AllowanceCharge with sub element ChargeIndicator indicates whether the instance is a charge (true) or an allowance (false).
  - ▶ The sum of all allowances and charges on the header level must be specified in AllowanceTotalAmount and ChargeTotalAmount respectively.
  - ▶ Allowances and charges related to Price is for information only and not part of any other calculations.
  - ▶ Allowances and charges related to Price may specify amount (AllowanceCharge/Amount) and base amount

### 9.7.2 Allowance and Charges on header level.

This example shows a charge related to packing costs:

```
<cac:AllowanceCharge>
  <cbc:ChargeIndicator>true</cbc:ChargeIndicator>
  <cbc:AllowanceChargeReason>Packing cost</cbc:AllowanceChargeReason>
  <cbc:Amount currencyID="EUR">100.00</cbc:Amount>
</cac:AllowanceCharge>
```

This example shows an allowance related to a discount on the order:

```
<cac:AllowanceCharge>
  <cbc:ChargeIndicator>false</cbc:ChargeIndicator>
  <cbc:AllowanceChargeReason>Discount</cbc:AllowanceChargeReason>
  <cbc:Amount currencyID="EUR">100.00</cbc:Amount>
</cac:AllowanceCharge>
```

### 9.7.3 Allowance and Charges related to price

This example shows a discount of EUR 10:

```
<cac:AllowanceCharge>
  <cbc:ChargeIndicator>false</cbc:ChargeIndicator>
  <cbc:Amount currencyID="EUR">10.00</cbc:Amount>
  <cbc:BaseAmount currencyID="EUR">100.00</cbc:BaseAmount>
</cac:AllowanceCharge>
```

## 9.8 Calculation of totals (AnticipatedMonetaryTotals)

The following elements show the anticipated monetary totals for an order:

| Element:                    | Description:                             |
|-----------------------------|------------------------------------------|
| <cbc:LineExtensionAmount>   | Sum of line amounts                      |
| <cbc:AllowanceTotalAmount>  | Allowances on document level             |
| <cbc:ChargeTotalAmount>     | Charges on document level                |
| <cbc:TaxExclusiveAmount>    | Order total amount without VAT           |
| <cbc:TaxInclusiveAmount>    | Order total amount included VAT          |
| <cbc:PrepaidAmount>         | Any amounts that have been paid a-priory |
| <cbc:PayableRoundingAmount> | Rounding of Order total                  |

|                                        |                                        |
|----------------------------------------|----------------------------------------|
| <code>&lt;cbc:PayableAmount&gt;</code> | The amount that is expected to be paid |
|----------------------------------------|----------------------------------------|

- ▶ Amounts MUST be given to a precision of two decimals except for Price where maximum number of decimals are four.
- ▶ Expected total payable amount MUST NOT be negative.
- ▶ Expected total sum of line amounts MUST NOT be negative.

Note that the **AnticipatedMonetaryTotals** class is optional. If the class is included in the message, the only mandatory elements are the **LineExtensionAmount** and the **PayableAmount** elements. All other elements are optional. When optional elements are used, the content MUST be according to the rules below.

Formulas for the calculations of totals are as follows:

| Element:                                      | Formula:                                                                                                  |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <code>&lt;cbc:LineExtensionAmount&gt;</code>  | $\sum \text{LineExtensionAmount}$ (at line level)                                                         |
| <code>&lt;cbc:ChargeTotalAmount&gt;</code>    | $\sum \text{Charge Amount}$ (where ChargeIndicator = "true")                                              |
| <code>&lt;cbc:AllowanceTotalAmount&gt;</code> | $\sum \text{Allowance Amount}$ (where ChargeIndicator = "false")                                          |
| <code>&lt;cbc:TaxExclusiveAmount&gt;</code>   | $\text{LineExtensionAmount}$<br>– $\text{AllowanceTotalAmount}$<br>+ $\text{ChargeTotalAmount}$           |
| <code>&lt;cbc:TaxInclusiveAmount&gt;</code>   | $\text{TaxExclusiveAmount}$<br>+ $\text{TaxTotal} / \text{TaxAmount}$<br>+ $\text{PayableRoundingAmount}$ |
| <code>&lt;cbc:PayableAmount&gt;</code>        | $\text{TaxInclusiveAmount} - \text{PrepaidAmount}$                                                        |

### 9.8.1 Example of calculations:

|                                          |   | Sample amounts | Element               |
|------------------------------------------|---|----------------|-----------------------|
| Sum of line amounts                      | + | 1436.50        | LineExtensionAmount   |
| Allowance on document level              | - | 100.00         | Allowances(Total)     |
| Charges on document level                | + | 200.00         | Charges(Total)        |
| Order total amount without VAT           | = | 1536.50        | TaxExclusiveAmount    |
| VAT total amount                         | + | 384.13         | TaxAmount             |
| Rounding of Order total                  | + | 0.37           | PayableRoundingAmount |
| Order total with VAT (value of purchase) | = | 1921.00        | TaxInclusiveAmount    |
| Paid amounts                             | - | 1000.00        | PrepaidAmount         |
| Amount expected to be paid               | = | 921.00         | Payable amount        |

The above example is presented in the order in the following way:

```

<cac:AnticipatedMonetaryTotal>
  <cbc:LineExtensionAmount currencyID="EUR">1436.50</cbc:LineExtensionAmount>
  <cbc:TaxExclusiveAmount currencyID="EUR">1536.50</cbc:TaxExclusiveAmount>
  <cbc:TaxInclusiveAmount currencyID="EUR">1921</cbc:TaxInclusiveAmount>
  <cbc:AllowanceTotalAmount currencyID="EUR">100</cbc:AllowanceTotalAmount>
  <cbc:ChargeTotalAmount currencyID="EUR">200</cbc:ChargeTotalAmount>
  <cbc:PrepaidAmount currencyID="EUR">1000</cbc:PrepaidAmount>
  <cbc:PayableRoundingAmount currencyID="EUR">0.37</cbc:PayableRoundingAmount>
  <cbc:PayableAmount currencyID="EUR">921.00</cbc:PayableAmount>
</cac:AnticipatedMonetaryTotal>

```

## 9.8.2 Element for rounding amount, the PayableRoundingAmount

It is possible to round the expected payable amount. The rule for this is according to the standard rule regarding rounding, ie. greater than or equal to 0.5 is rounded up, all other values are rounded down.

The element AnticipatedMonetaryTotal/PayableRoundingAmount is used for this purpose and is specified on the header level.

This value must be added to the value in AnticipatedMonetaryTotal/TaxInclusiveAmount.

Example: Amount 999.81 rounded to 1000. PayableRounding Amount = 0.19.

## 9.9 Tax total

If is possible to state the tax total of the order on the header level of the order and also on line level.

Header level:

```
<cac:TaxTotal>
  <cbc:TaxAmount currencyID="EUR">5</cbc:TaxAmount>
</cac:TaxTotal>
```

Line level:

```
<cac:LineItem>
  <cbc:ID>1</cbc:ID>
  <cbc:Quantity unitCode="NAR">50</cbc:Quantity>
  <cbc:LineExtensionAmount currencyID="EUR">50</cbc:LineExtensionAmount>
  <cbc:TotalTaxAmount currencyID="EUR">5</cbc:TotalTaxAmount>
  ...
  ...
```

## 10 PEPPOL Identifiers

PEPPOL has defined a “Policy for Using Identifiers” [PEPPOL\_Transp] that specifies how to use identifiers in both its transport infrastructure and within the documents exchanged across that infrastructure. It also introduces principles for any identifiers used in the PEPPOL environment. The policies that apply to this BIS are the following:

### 10.1 Party Identifiers

The “schemeID” attribute must be populated in all instances of the “ID” element when used within a “PartyIdentification”-container and in all instances of the “EndpointID” element when used within a “Party”-container.

Examples of usage in PartyIdentification:

```
<cac:PartyIdentification>
    <cbc:ID schemeID="GLN">5790000435968</cbc:ID>
</cac:PartyIdentification>
```

The following examples denote that the Issuing Agency is DK:CVR in the PEPPOL set of Issuing Agency Codes. This means that the party has the Danish CVR identifier DK87654321.

Examples of usage in PartyIdentification and Endpoint ID:

```
<cbc:EndpointID schemeID="DK:CVR">DK87654321</cbc:EndpointID>

<cac:PartyIdentification>
    <cbc:ID schemeID="DK:CVR">DK87654321</cbc:ID>
</cac:PartyIdentification>
```

### 10.2 Version ID

This BIS is using the UBL 2.1 syntax. The namespace of the XML-message does only communicate the major version number. Since it is important for the receiver to also know what minor version of the syntax that is used, the element UBLVersionID must be stated with the value **2.1**:

```
<cbc:UBLVersionID>2.1</cbc:UBLVersionID>
```

### 10.3 Profile ID

The ProfileID identifies the process that the business document is part of. PEPPOL BIS uses the identification system according to BII:

As an example the following process identifier is used for —BII03 – Order Only:

**ProfileID:** urn:www.cenbii.eu:profile:bii03:ver2.0

## 10.4 Customization ID

The PEPPOL Customization ID identifies the specification of content and rules that apply to the transaction. This BIS has required some minor additions and changes to the CEN BII transaction. Following the CENBII methodology any extension must be communicated by adding an extension ID onto the Customization ID. The full syntax is:

```
<transactionId>:(restrictive|extended|partly):<extensionId>[ (restrictive|extended|partly):<extensionId>].
```

Where:

- ▶ Transaction ID: urn:www.cenbii.eu:transaction:biitrns001:ver2.0
- ▶ Extension ID: urn:www.peppol.eu:bis:peppol3a:ver2.0

**CustomizationID to use:**

urn:www.cenbii.eu:transaction:biitrns001:ver2.0:**extended**:urn:www.peppol.eu:bis:peppol3a:ver2.0

Example of usage:

```
<cbc:CustomizationID>  
urn:www.cenbii.eu:transaction:biitrns001:ver2.0:extended:urn:www.peppol.eu:bis:peppol3a:ver2.0  
</cbc:CustomizationID>
```

## 10.5 Namespaces

The target namespace for the UBL2.1 Order is:

urn:oasis:names:specification:ubl:schema:xsd:Order-2

## 11 XML Schema Guideline and information content of the Order message

### 11.1 Structure

| Occurrence     | Element/Attribute                | BII Business Term                      | Bus. req. |
|----------------|----------------------------------|----------------------------------------|-----------|
| <b>Order</b>   |                                  |                                        |           |
| 1 .. 1         | cbc:UBLVersionID                 | UBL Version                            |           |
| 1 .. 1         | cbc:CustomizationID              | Customization identifier               | tir01-001 |
| 1 .. 1         | cbc:ProfileID                    | Profile identifier                     | tir01-002 |
| 1 .. 1         | cbc:ID                           | Order identifier                       | tir01-003 |
| 1 .. 1         | cbc:IssueDate                    | Order issue date                       | tir01-004 |
| 0 .. 1         | cbc:IssueTime                    | Order issue time                       | tir01-005 |
| 0 .. 1         | cbc:OrderTypeCode                | Consignment order indication           | tir01-153 |
| 0 .. 1         | cbc:Note                         | Document level textual note            | tir01-006 |
| 1 .. 1         | cbc:DocumentCurrencyCode         | Currency                               | tir01-007 |
| 0 .. 1         | cbc:AccountingCost               | Buyers accounting string               | tir01-008 |
| 0 .. 1         | cac:ValidityPeriod               |                                        |           |
| 0 .. 1         | cbc:EndDate                      | Order validity end date                | tir01-009 |
| 0 .. 1         | cac:QuotationDocumentReference   |                                        |           |
| 1 .. 1         | cbc:ID                           | Quotation document reference           | tir01-010 |
| 0 .. 1         | cac:OrderDocumentReference       |                                        |           |
| 1 .. 1         | cbc:ID                           | Order document reference               | tir01-011 |
| 0 .. 1         | cac:OriginatorDocumentReference  |                                        |           |
| 1 .. 1         | cbc:ID                           | Originator document reference          | tir01-012 |
| 0 .. 1         | cbc:DocumentType                 | Originator document description        | tir01-013 |
| 0 .. unbounded | cac:AdditionalDocumentReference  |                                        |           |
| 1 .. 1         | cbc:ID                           | Document identifier                    | tir01-154 |
| 0 .. 1         | cbc:DocumentType                 | Document description                   | tir01-016 |
| 0 .. 1         | cac:Attachment                   |                                        |           |
| 0 .. 1         | cbc:EmbeddedDocumentBinaryObject | Attached binary object                 | tir01-017 |
| 0 .. 1         | cac:ExternalReference            |                                        |           |
| 1 .. 1         | cbc:URI                          | External document URI                  | tir01-018 |
| 0 .. 1         | cac:Contract                     |                                        |           |
| 1 .. 1         | cbc:ID                           | Reference identifier                   | tir01-019 |
| 0 .. 1         | cbc:ContractType                 | Reference type                         | tir01-020 |
| 1 .. 1         | cac:BuyerCustomerParty           |                                        |           |
| 1 .. 1         | cac:Party                        |                                        |           |
| 0 .. 1         | cbc:EndpointID                   | Buyer party endpoint identifier        | tir01-021 |
| 0 .. 1         | cac:PartyIdentification          |                                        |           |
| 1 .. 1         | cbc:ID                           | Buyer party identification             | tir01-022 |
| 0 .. 1         | cac:PartyName                    |                                        |           |
| 1 .. 1         | cbc:Name                         |                                        |           |
| 0 .. 1         | cac:PostalAddress                |                                        |           |
| 0 .. 1         | cbc:StreetName                   | Address line 1                         | tir01-032 |
| 0 .. 1         | cbc:AdditionalStreetName         | Address line 2                         | tir01-027 |
| 0 .. 1         | cbc:CityName                     | City                                   | tir01-031 |
| 0 .. 1         | cbc:PostalZone                   | Post code                              | tir01-024 |
| 0 .. 1         | cbc:CountrySubentity             | Country subdivision                    | tir01-141 |
| 0 .. 1         | cac:Country                      |                                        |           |
| 1 .. 1         | cbc:IdentificationCode           | Country code                           | tir01-033 |
| 0 .. 1         | cac:PartyTaxScheme               |                                        |           |
| 1 .. 1         | cbc:CompanyID                    | Buyer VAT identifier                   | tir01-034 |
| 1 .. 1         | cac:TaxScheme                    |                                        |           |
| 1 .. 1         | cbc:ID                           | Identifier                             |           |
| 0 .. 1         | cac:PartyLegalEntity             |                                        |           |
| 0 .. 1         | cbc:RegistrationName             | Buyers legal registration name         | tir01-044 |
| 0 .. 1         | cbc:CompanyID                    | Buyers legal registration identifier   | tir01-043 |
| 0 .. 1         | cac:RegistrationAddress          |                                        |           |
| 0 .. 1         | cbc:CityName                     | Buyers legal registration address city | tir01-045 |

| Occurrence | Element/Attribute           | BII Business Term                 | Bus. req.  |
|------------|-----------------------------|-----------------------------------|------------|
| 0 .. 1     | Name                        |                                   |            |
| 1 .. 1     | cac:Country                 |                                   |            |
|            | cbc:IdentificationCode      |                                   |            |
|            | country code                | Buyers legal registration address | tir01-046  |
| 0 .. 1     | cac:Contact                 |                                   |            |
| 0 .. 1     | cbc:ID                      | Contact identifier                | OP-T01-010 |
| 0 .. 1     | cbc:Name                    | Contact person name               | tir01-050  |
| 0 .. 1     | cbc:Telephone               | Contact telephone number          | tir01-047  |
| 0 .. 1     | cbc:Telefax                 | Contact fax number                | tir01-048  |
| 0 .. 1     | cbc:ElectronicMail          | Contact email address             | tir01-049  |
| 1 .. 1     | cac:SellerSupplierParty     |                                   |            |
| 1 .. 1     | cac:Party                   |                                   |            |
| 0 .. 1     | cbc:EndpointID              | Seller party endpoint identifier  | tir01-058  |
| 0 .. 1     | cac:PartyIdentification     |                                   |            |
| 1 .. 1     | cbc:ID                      | Seller party identification       | tir01-059  |
| 0 .. 1     | cac:PartyName               |                                   |            |
| 1 .. 1     | cbc:Name                    | Seller party name                 | tir01-060  |
| 0 .. 1     | cac:PostalAddress           |                                   |            |
| 0 .. 1     | cbc:StreetName              | Address line 1                    | tir01-063  |
| 0 .. 1     | cbc:AdditionalStreetName    | Address line 2                    | tir01-064  |
| 0 .. 1     | cbc:CityName                | City                              | tir01-065  |
| 0 .. 1     | cbc:PostalZone              | Post code                         | tir01-068  |
| 0 .. 1     | cbc:CountrySubentity        | Country subdivision               | tir01-142  |
| 0 .. 1     | cac:Country                 |                                   |            |
| 1 .. 1     | cbc:IdentificationCode      | Country code                      | tir01-069  |
| 0 .. 1     | cac:Contact                 |                                   |            |
| 0 .. 1     | cbc:Name                    | Contact person name               | tir01-074  |
| 0 .. 1     | cbc:Telephone               | Contact telephone number          | tir01-077  |
| 0 .. 1     | cbc:Telefax                 | Contact fax number                | tir01-075  |
| 0 .. 1     | cbc:ElectronicMail          | Contact email address             | tir01-076  |
| 0 .. 1     | cac:OriginatorCustomerParty |                                   |            |
| 1 .. 1     | cac:Party                   |                                   |            |
| 0 .. 1     | cac:PartyIdentification     |                                   |            |
| 1 .. 1     | cbc:ID                      | Originator identifier             | tir01-081  |
| 0 .. 1     | cac:PartyName               |                                   |            |
| 1 .. 1     | cbc:Name                    | Originator name                   | tir01-082  |
| 0 .. 1     | cac:Contact                 |                                   |            |
| 0 .. 1     | cbc:Name                    | Contact person name               | tir01-086  |
| 0 .. 1     | cbc:Telephone               | Contact telephone number          | tir01-083  |
| 0 .. 1     | cbc:Telefax                 | Contact fax number                | tir01-084  |
| 0 .. 1     | cbc:ElectronicMail          | Contact email address             | tir01-085  |
| 0 .. 1     | cac:AccountingCustomerParty |                                   |            |
| 1 .. 1     | cac:Party                   |                                   |            |
| 0 .. 1     | cbc:EndpointID              | Endpoint identifier               | tir01-157  |
| 0 .. 1     | cac:PartyIdentification     |                                   |            |
| 1 .. 1     | cbc:ID                      | Party identification              | tir01-156  |
| 0 .. 1     | cac:PartyName               |                                   |            |
| 1 .. 1     | cbc:Name                    | Party name                        | tir01-155  |
| 0 .. 1     | cac:PostalAddress           |                                   |            |
| 0 .. 1     | cbc:StreetName              | Address line 1                    | OP-T01-010 |
| 0 .. 1     | cbc:AdditionalStreetName    | Address line 2                    | OP-T01-010 |
| 0 .. 1     | cbc:CityName                | City                              | OP-T01-010 |
| 0 .. 1     | cbc:PostalZone              | Post code                         | OP-T01-010 |
| 0 .. 1     | cbc:CountrySubentity        | Country subdivision               | OP-T01-010 |
| 0 .. 1     | cac:Country                 |                                   |            |
| 1 .. 1     | cbc:IdentificationCode      | Country                           | OP-T01-010 |

| Occurrence     | Element/Attribute                   | BII Business Term                   | Bus. req.  |
|----------------|-------------------------------------|-------------------------------------|------------|
| 0 .. 1         | <b>cac:PartyTaxScheme</b>           |                                     |            |
| 1 .. 1         | <b>cbc:CompanyID</b>                | Invoicee VAT identifier             | OP-T01-010 |
| 1 .. 1         | <b>cac:TaxScheme</b>                |                                     |            |
| 1 .. 1         | <b>cbc:ID</b>                       | Identifier                          | OP-T01-010 |
| 0 .. 1         | <b>cac:PartyLegalEntity</b>         |                                     |            |
| 0 .. 1         | <b>cbc:RegistrationName</b>         | Legal registration name             | tir01-159  |
| 0 .. 1         | <b>cbc:CompanyID</b>                | Company ID                          | tir01-158  |
| 0 .. 1         | <b>cac:RegistrationAddress</b>      |                                     |            |
| 0 .. 1         | <b>cbc:CityName</b>                 | City name                           | tir01-160  |
| 0 .. 1         | <b>cac:Country</b>                  |                                     |            |
| 1 .. 1         | <b>cbc:IdentificationCode</b>       | Country code                        | tir01-161  |
| 0 .. 1         | <b>cac:Contact</b>                  |                                     |            |
| 0 .. 1         | <b>cbc:ID</b>                       | Contact identifier                  | OP-T01-010 |
| 0 .. 1         | <b>cac:Delivery</b>                 |                                     |            |
| 0 .. 1         | <b>cac:DeliveryLocation</b>         |                                     |            |
| 0 .. 1         | <b>cac:Address</b>                  |                                     |            |
| 0 .. 1         | <b>cbc:ID</b>                       | Delivery location ID                | tir01-169  |
| 0 .. 1         | <b>cbc:StreetName</b>               | Address line 1                      | tir01-092  |
| 0 .. 1         | <b>cbc:AdditionalStreetName</b>     | Address line 2                      | tir01-093  |
| 0 .. 1         | <b>cbc:CityName</b>                 | City                                | tir01-096  |
| 0 .. 1         | <b>cbc:PostalZone</b>               | Post code                           | tir01-097  |
| 0 .. 1         | <b>cbc:CountrySubentity</b>         | Country subdivision                 | tir01-144  |
| 0 .. 1         | <b>cac:Country</b>                  |                                     |            |
| 1 .. 1         | <b>cbc:IdentificationCode</b>       | Country code                        | tir01-098  |
| 0 .. 1         | <b>cac:RequestedDeliveryPeriod</b>  |                                     |            |
| 0 .. 1         | <b>cbc:StartDate</b>                | Period start date                   | tir01-099  |
| 0 .. 1         | <b>cbc:EndDate</b>                  | Period end date                     | tir01-100  |
| 0 .. 1         | <b>cac:DeliveryParty</b>            |                                     |            |
| 0 .. 1         | <b>cac:PartyIdentification</b>      |                                     |            |
| 1 .. 1         | <b>cbc:ID</b>                       | Delivery party ID                   | tir01-101  |
| 0 .. 1         | <b>cac:PartyName</b>                |                                     |            |
| 1 .. 1         | <b>cbc:Name</b>                     | Delivery party name                 | tir01-102  |
| 0 .. 1         | <b>cac:Contact</b>                  |                                     |            |
| 0 .. 1         | <b>cbc:Name</b>                     | Contact person name                 | tir01-103  |
| 0 .. 1         | <b>cbc:Telephone</b>                | Contact telephone number            | tir01-104  |
| 0 .. 1         | <b>cbc:Telefax</b>                  | Contact fax number                  | tir01-105  |
| 0 .. 1         | <b>cbc:ElectronicMail</b>           | Contact email address               | tir01-106  |
| 0 .. 1         | <b>cac:DeliveryTerms</b>            |                                     |            |
| 0 .. 1         | <b>cbc:ID</b>                       | Delivery terms                      | tir01-107  |
| 0 .. 1         | <b>cbc:SpecialTerms</b>             | Delivery special terms              | tir01-108  |
| 0 .. 1         | <b>cac:DeliveryLocation</b>         |                                     |            |
| 0 .. 1         | <b>cbc:ID</b>                       | Delivery terms location             | tir01-109  |
| 0 .. 1         | <b>cac:PaymentTerms</b>             |                                     |            |
| 0 .. 1         | <b>cbc&gt;Note</b>                  | Payment terms                       | OP-T01-014 |
| 0 .. unbounded | <b>cac:AllowanceCharge</b>          |                                     |            |
| 1 .. 1         | <b>cbc:ChargeIndicator</b>          | AllowanceChargeIndicator            |            |
| 1 .. 1         | <b>cbc:AllowanceChargeReason</b>    | Allowance and charges reason        | tir01-112  |
| 1 .. 1         | <b>cbc:Amount</b>                   | Allowance and charge amount         | tir01-113  |
| 0 .. 1         | <b>cac:TaxTotal</b>                 |                                     |            |
| 1 .. 1         | <b>cbc:TaxAmount</b>                | VAT total amount                    | tir01-114  |
| 0 .. 1         | <b>cac:AnticipatedMonetaryTotal</b> |                                     |            |
| 1 .. 1         | <b>cbc:LineExtensionAmount</b>      | Sum of line amounts                 | tir01-115  |
| 0 .. 1         | <b>cbc:TaxExclusiveAmount</b>       | Document total without VAT          | tir01-145  |
| 0 .. 1         | <b>cbc:TaxInclusiveAmount</b>       | Document total including VAT        | tir01-147  |
| 0 .. 1         | <b>cbc:AllowanceTotalAmount</b>     | Sum of allowances on document level | tir01-116  |

| Occurrence            | Element/Attribute                             | BII Business Term                  | Bus. req.  |
|-----------------------|-----------------------------------------------|------------------------------------|------------|
| 0 .. 1                | <b>cbc:ChargeTotalAmount</b>                  | Sum of charges on document level   | tir01-117  |
| 0 .. 1                | <b>cbc:PrepaidAmount</b>                      | Paid amounts                       | tir01-148  |
| 0 .. 1                | <b>cbc:PayableRoundingAmount</b>              | Rounding of document total         | tir01-146  |
| 1 .. 1                | <b>cbc:PayableAmount</b>                      | Amount for payment                 | tir01-118  |
| <b>1 .. unbounded</b> | <b>cac:OrderLine</b>                          |                                    |            |
| 0 .. 1                | <b>cbc&gt;Note</b>                            | Order line note                    | tir01-123  |
| <b>1 .. 1</b>         | <b>cac:LineItem</b>                           |                                    |            |
| 1 .. 1                | <b>cbc:ID</b>                                 | Document line identifier           | tir01-120  |
| 1 .. 1                | <b>cbc:Quantity</b>                           | Ordered quantity                   | tir01-132  |
| 0 .. 1                | <b>cbc:LineExtensionAmount</b>                | Order line amount                  | tir01-128  |
| 0 .. 1                | <b>cbc:TotalTaxAmount</b>                     | Order line tax amount              | tir01-129  |
| 0 .. 1                | <b>cbc:PartialDeliveryIndicator</b>           | Partial Delivery Allowed Indicator | tir01-124  |
| 0 .. 1                | <b>cbc:AccountingCost</b>                     | Buyers accounting string           | tir01-125  |
| <b>0 .. 1</b>         | <b>cac:Delivery</b>                           |                                    |            |
| <b>0 .. 1</b>         | <b>cac:RequestedDeliveryPeriod</b>            |                                    |            |
| 0 .. 1                | <b>cbc:StartDate</b>                          | Period start date                  | tir01-126  |
| 0 .. 1                | <b>cbc:EndDate</b>                            | Period end date                    | tir01-127  |
| <b>0 .. 1</b>         | <b>cac:OriginatorParty</b>                    |                                    |            |
| <b>0 .. 1</b>         | <b>cac:PartyIdentification</b>                |                                    |            |
| 1 .. 1                | <b>cbc:ID</b>                                 | Order line originator party ID     | tir01-121  |
| <b>0 .. 1</b>         | <b>cac:PartyName</b>                          |                                    |            |
| 1 .. 1                | <b>cbc&gt;Name</b>                            | Order line originator party name   | tir01-122  |
| <b>0 .. 1</b>         | <b>cac:Price</b>                              |                                    |            |
| 1 .. 1                | <b>cbc:PriceAmount</b>                        | Item price                         | tir01-130  |
| 0 .. 1                | <b>cbc:BaseQuantity</b>                       | Item price base quantity           | tir01-131  |
| <b>0 .. 1</b>         | <b>cac:AllowanceCharge</b>                    |                                    |            |
| 1 .. 1                | <b>cbc:ChargeIndicator</b>                    | AllowanceChargeIndicator           |            |
| 1 .. 1                | <b>cbc:Amount</b>                             | Amount                             |            |
| 0 .. 1                | <b>cbc:BaseAmount</b>                         | Item list price                    | tir01-152  |
| <b>1 .. 1</b>         | <b>cac:Item</b>                               |                                    |            |
| 0 .. 1                | <b>cbc&gt;Description</b>                     | Item description as text           | tir01-133  |
| 0 .. 1                | <b>cbc&gt;Name</b>                            | Item name                          | tir01-134  |
| <b>0 .. 1</b>         | <b>cac:SellersItemIdentification</b>          |                                    |            |
| 1 .. 1                | <b>cbc:ID</b>                                 | Item sellers identifier            | tir01-135  |
| <b>0 .. 1</b>         | <b>cac:StandardItemIdentification</b>         |                                    |            |
| 1 .. 1                | <b>cbc:ID</b>                                 | Item standard identifier           | tir01-136  |
| <b>0 .. unbounded</b> | <b>cac:ItemSpecificationDocumentReference</b> |                                    |            |
| 1 .. 1                | <b>cbc:ID</b>                                 | Document reference                 | OP-T01-012 |
| <b>0 .. unbounded</b> | <b>cac:CommodityClassification</b>            |                                    |            |
| 1 .. 1                | <b>cbc:ItemClassificationCode</b>             | Item commodity classification      | tir01-149  |
| <b>0 .. 1</b>         | <b>cac:ClassifiedTaxCategory</b>              |                                    |            |
| 1 .. 1                | <b>cbc:ID</b>                                 | Item VAT category code             | tir01-150  |
| 0 .. 1                | <b>cbc:Percent</b>                            | Item VAT rate                      | tir01-170  |
| <b>1 .. 1</b>         | <b>cac:TaxScheme</b>                          |                                    |            |
| 1 .. 1                | <b>cbc:ID</b>                                 | Identifier                         |            |
| <b>0 .. unbounded</b> | <b>cac:AdditionalItemProperty</b>             |                                    |            |
| 1 .. 1                | <b>cbc:Name</b>                               | Name                               | tir01-138  |
| 1 .. 1                | <b>cbc:Value</b>                              | Value                              | tir01-139  |
| 0 .. 1                | <b>cbc:ValueQuantity</b>                      | Quantity                           | OP-T01-013 |
| 0 .. 1                | <b>cbc:ValueQualifier</b>                     | Qualification of qty               | OP-T01-013 |

## 11.2 Details

| Element/Attribute   | Description                                                                                                                                                                                                                                     |  |                                                                                                                                         | Usage                                                                                                                                                                                                                        |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Order</b>        |                                                                                                                                                                                                                                                 |  |                                                                                                                                         |                                                                                                                                                                                                                              |
| cbc:UBLVersionID    | <b>Type</b> OrderType<br><b>Occurrence</b> 1 .. 1<br><b>Type</b> cbc:UBLVersionIDType<br><b>Info req.ID</b> 2<br><b>Example</b> 2.1                                                                                                             |  | <b>Term name</b><br><b>BII Usage</b>                                                                                                    | <b>UBL Version</b><br><i>The version of UBL the message is based on (2.1)</i>                                                                                                                                                |
| cbc:CustomizationID | <b>Occurrence</b> 1 .. 1<br><b>Type</b> cbc:CustomizationIDType<br><b>Info req.ID</b> tir01-001<br><b>Bus req.ID</b> tbr01-001<br><b>Example</b> urn:www.cenbii.eu:transaction:biitrs001:ver2.0:extended:urn:www.peppol.eu:bis:peppol03a:ver2.0 |  | <b>Term name</b><br><b>BII Usage</b><br><i>transaction.</i>                                                                             | <b>Customization identifier</b><br><i>Identifies the specification of content and rules that apply to the transaction.</i>                                                                                                   |
| cbc:ProfileID       | <b>Occurrence</b> 1 .. 1<br><b>Type</b> cbc:ProfileIDType<br><b>Info req.ID</b> tir01-002<br><b>Bus req.ID</b> tbr01-001<br><b>Example</b> urn:www.cenbii.eu:profile:bii03:ver2.0                                                               |  | <b>Term name</b><br><b>BII Usage</b><br><i>Identifies the BII profile or business process context in which the transaction appears.</i> | <b>Profile identifier</b><br><i>Identifies the BII profile or business process context in which the transaction appears.</i>                                                                                                 |
| cbc:ID              | <b>Occurrence</b> 1 .. 1<br><b>Type</b> cbc:IDType<br><b>Info req.ID</b> tir01-003<br><b>Bus req.ID</b> tbr01-001                                                                                                                               |  | <b>Rules</b>                                                                                                                            | BII2-T01-R002 - An order MUST have a profile identifier                                                                                                                                                                      |
| cbc:IssueDate       | <b>Occurrence</b> 1 .. 1<br><b>Type</b> cbc:IssueDateType<br><b>Info req.ID</b> tir01-004<br><b>Bus req.ID</b> tbr01-002                                                                                                                        |  | <b>Term name</b><br><b>BII Usage</b>                                                                                                    | <b>Order identifier</b><br><i>A transaction instance must have an identifier. The identifier enables referencing the transaction for various purposes such as from other transactions that are part of the same process.</i> |
| cbc:IssueTime       | <b>Occurrence</b> 0 .. 1<br><b>Type</b> cbc:IssueTimeType<br><b>Info req.ID</b> tir01-005<br><b>Bus req.ID</b> tbr01-002                                                                                                                        |  | <b>Rules</b>                                                                                                                            | BII2-T01-R006 - An order MUST have a document identifier                                                                                                                                                                     |
| cbc:OrderTypeCode   | <b>Occurrence</b> 0 .. 1<br><b>Type</b> cbc:OrderTypeCodeType<br><b>Info req.ID</b> tir01-153<br><b>Bus req.ID</b> tbr01-002                                                                                                                    |  | <b>Term name</b><br><b>BII Usage</b>                                                                                                    | <b>Order issue date</b><br><i>The date on which the transaction instance was issued.</i>                                                                                                                                     |
| listID              | <b>Type</b> xs:normalizedString<br><b>Use</b> required                                                                                                                                                                                          |  | <b>Rules</b>                                                                                                                            | BII2-T01-R004 - An order MUST have a document issue date                                                                                                                                                                     |
|                     |                                                                                                                                                                                                                                                 |  | <b>Term name</b><br><b>BII Usage</b>                                                                                                    | <b>Order issue time</b><br><i>The time assigned by the buyer on which the order was issued.</i>                                                                                                                              |
|                     |                                                                                                                                                                                                                                                 |  | <b>Term name</b><br><b>BII Usage</b>                                                                                                    | <b>Consignment order indication</b><br><i>"Indicates whether the order is a purchase order or consignment order. Default is purchase order."</i>                                                                             |
|                     |                                                                                                                                                                                                                                                 |  | <b>Rules</b>                                                                                                                            | Only to be used for Consignment orders, Code=227. EUGEN-T01-R013 An order type code MUST have a list identifier attribute "UNCL1001". OP-T01-001 OrderTypeCode in an order MUST be from UN/ECE 1001 code list PEPPOL Subset  |
|                     |                                                                                                                                                                                                                                                 |  | <b>Code List ID:</b>                                                                                                                    | UNCL1001                                                                                                                                                                                                                     |

| Element/Attribute               | Description                                                                                                                                      | Usage                                                                                                                                                                                                                           |                                                                           |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| cbc:Note                        | <p><b>Occurrence</b> 0 .. 1<br/> <b>Type</b> cbc:NoteType<br/> <b>Info req.ID</b> tir01-006<br/> <b>Bus req.ID</b> tbr01-003</p>                 | <b>Term name</b> Document level textual note<br><b>BII Usage</b> Free form text applying to the Order. This element may contain notes or any other similar information that is not contained explicitly in another structure.   |                                                                           |
| cbc:DocumentCurrencyCode        | <p><b>Occurrence</b> 1 .. 1<br/> <b>Type</b> cbc:DocumentCurrencyCodeType<br/> <b>Info req.ID</b> tir01-007<br/> <b>Bus req.ID</b> tbr01-004</p> | <b>Term name</b> Currency<br><b>BII Usage</b> The default currency for the order.                                                                                                                                               |                                                                           |
| listID                          | <p><b>Type</b> xs:normalizedString<br/> <b>Use</b> required</p>                                                                                  | <b>Rules</b> OP-T01-002 - DocumentCurrencyCode MUST be coded using ISO code list 4217 EUGEN-T01-R014 - A document currency code MUST have a list identifier attribute "ISO4217"                                                 | OP-T01-002 - The document currency code list identifier MUST be "ISO4217" |
| ISO4217                         |                                                                                                                                                  |                                                                                                                                                                                                                                 | Code List ID: ISO4217                                                     |
| cbc:AccountingCost              | <p><b>Occurrence</b> 0 .. 1<br/> <b>Type</b> cbc:AccountingCostType<br/> <b>Info req.ID</b> tir01-008<br/> <b>Bus req.ID</b> tbr01-005</p>       | <b>Term name</b> Buyers accounting string<br><b>BII Usage</b> Used by the buyer to specify a reference that should be repeated in e.g. invoice to enable the buyer to automatically book e.g. to the right project, or account. |                                                                           |
| cac:ValidityPeriod              | <p><b>Occurrence</b> 0 .. 1<br/> <b>Type</b> cac:PeriodType</p>                                                                                  |                                                                                                                                                                                                                                 |                                                                           |
| cbc:EndDate                     | <p><b>Occurrence</b> 0 .. 1<br/> <b>Type</b> cbc:EndDateType<br/> <b>Info req.ID</b> tir01-009<br/> <b>Bus req.ID</b> tbr01-002</p>              | <b>Term name</b> Order validity end date<br><b>BII Usage</b> The end date for when the order is valid. The end date for the time period within which the seller must respond.                                                   |                                                                           |
|                                 |                                                                                                                                                  | <b>Rules</b> BII2-T01-R005 - An order SHOULD provide information about its validity end date                                                                                                                                    |                                                                           |
| cac:QuotationDocumentReference  | <p><b>Occurrence</b> 0 .. 1<br/> <b>Type</b> cac:DocumentReferenceType</p>                                                                       |                                                                                                                                                                                                                                 |                                                                           |
| cbc:ID                          | <p><b>Occurrence</b> 1 .. 1<br/> <b>Type</b> cbc:IDType<br/> <b>Info req.ID</b> tir01-010<br/> <b>Bus req.ID</b> tbr01-006</p>                   | <b>Term name</b> Quotation document reference<br><b>BII Usage</b> A requirement to give a unique reference to the quotation that is the base for the order.                                                                     |                                                                           |
| cac:OrderDocumentReference      | <p><b>Occurrence</b> 0 .. 1<br/> <b>Type</b> cac:DocumentReferenceType</p>                                                                       |                                                                                                                                                                                                                                 |                                                                           |
| cbc:ID                          | <p><b>Occurrence</b> 1 .. 1<br/> <b>Type</b> cbc:IDType<br/> <b>Info req.ID</b> tir01-011<br/> <b>Bus req.ID</b> tbr01-006</p>                   | <b>Term name</b> Order document reference<br><b>BII Usage</b> Used to reference the initial order that was rejected and a new order is issued.                                                                                  |                                                                           |
| cac:OriginatorDocumentReference | <p><b>Occurrence</b> 0 .. 1<br/> <b>Type</b> cac:DocumentReferenceType</p>                                                                       |                                                                                                                                                                                                                                 |                                                                           |

| Element/Attribute                | Description                                                                                                     | Usage                         |                                                                                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| cbc:ID                           | Occurrence 1 .. 1<br>Type cbc:IDType<br>Info req.ID tir01-012<br>Bus req.ID tbr01-006                           | Term name<br><b>BII Usage</b> | Originator document reference<br><i>A reference to Originator Document. To be able to give a reference to the internal requisition on the buyer site on which the order is based.</i> |
| cbc:DocumentType                 | Occurrence 0 .. 1<br>Type cbc:DocumentTypeType<br>Info req.ID tir01-013<br>Bus req.ID tbr01-006                 | Term name<br><b>BII Usage</b> | Originator document description<br><i>Originator document description.</i>                                                                                                            |
| cac:AdditionalDocumentReference  | Occurrence 0 .. unbounded<br>Type cac:DocumentReferenceType                                                     |                               |                                                                                                                                                                                       |
| cbc:ID                           | Occurrence 1 .. 1<br>Type cbc:IDType<br>Info req.ID tir01-154<br>Bus req.ID tbr01-006                           | Term name<br><b>BII Usage</b> | Document identifier<br><i>An identifier for the referenced document.</i>                                                                                                              |
| cbc:DocumentType                 | Occurrence 0 .. 1<br>Type cbc:DocumentTypeType<br>Info req.ID tir01-016<br>Bus req.ID tbr01-006                 | Term name<br><b>BII Usage</b> | Document description<br><i>A short description of the document type.</i>                                                                                                              |
| cac:Attachment                   | Occurrence 0 .. 1<br>Type cac:AttachmentType                                                                    |                               |                                                                                                                                                                                       |
| cbc:EmbeddedDocumentBinaryObject | Occurrence 0 .. 1<br>Type cbc:EmbeddedDocumentBinaryObjectType<br>Info req.ID tir01-017<br>Bus req.ID tbr01-006 | Term name<br><b>BII Usage</b> | Attached binary object<br><i>The attached document embeded as binary object.</i>                                                                                                      |
| mimeCode                         | Type xs:normalizedString<br>Use required                                                                        | Rules<br><b>BII Usage</b>     | OP-T01-003 - A Binary Object MIME code attribute MUST be coded using MIME Code Type code list<br>Code List ID: MIMEMediaTypes                                                         |
| cac:ExternalReference            | Occurrence 0 .. 1<br>Type cac:ExternalReferenceType                                                             |                               |                                                                                                                                                                                       |
| cbc:URI                          | Occurrence 1 .. 1<br>Type cbc:URIType<br>Info req.ID tir01-018<br>Bus req.ID tbr01-006                          | Term name<br><b>BII Usage</b> | External document URI<br><i>The Uniform Resource Identifier (URI) that identifies where the external document is located.</i>                                                         |
| cac:Contract                     | Occurrence 0 .. 1<br>Type cac:ContractType                                                                      |                               |                                                                                                                                                                                       |
| cbc:ID                           | Occurrence 1 .. 1<br>Type cbc:IDType<br>Info req.ID tir01-019<br>Bus req.ID tbr01-006                           | Term name<br><b>BII Usage</b> | Reference identifier<br><i>Positive identification of the reference such as a unique identifier.</i>                                                                                  |
| cbc:ContractType                 | Occurrence 0 .. 1<br>Type cbc:ContractTypeType<br>Info req.ID tir01-020<br>Bus req.ID tbr01-006                 | Term name<br><b>BII Usage</b> | Reference type<br><i>The short description of what is reference such as contract type, document type , meter etc.<br/>The type of Contract, expressed as text.</i>                    |

| Element/Attribute               | Description                                                                                             | Usage                                                                                                                                                                                                                                                             |  |
|---------------------------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>cac:BuyerCustomerParty</b>   | Occurrence 1 .. 1<br>Type cac:CustomerPartyType                                                         |                                                                                                                                                                                                                                                                   |  |
| <b>cac:Party</b>                | Occurrence 1 .. 1<br>Type cac:PartyType                                                                 |                                                                                                                                                                                                                                                                   |  |
| <b>cbc:EndpointID</b>           | Occurrence 0 .. 1<br>Type cbc:EndpointIDType<br>Info req.ID tir01-021<br>Bus req.ID tbr01-010           | <b>Term name</b><br><b>BII Usage</b><br><b>Buyer party endpoint identifier</b><br><i>Identifies the end point of the routing service.</i>                                                                                                                         |  |
| <b>schemeID</b>                 | Type xs:normalizedString<br>Use required                                                                | <b>Rules</b><br><i>OP-T01-004 - An Endpoint Identifier Scheme MUST be from the code list PEPPOL:PartyIdentifier</i><br><b>Code List ID:</b> PEPPOL:PartyIdentifier                                                                                                |  |
| <b>cac:PartyIdentification</b>  | Occurrence 0 .. 1<br>Type cac:PartyIdentificationType                                                   |                                                                                                                                                                                                                                                                   |  |
| <b>cbc:ID</b>                   | Occurrence 1 .. 1<br>Type cbc:IDType<br>Info req.ID tir01-022<br>Bus req.ID tbr01-009                   | <b>Term name</b><br><b>BII Usage</b><br><b>Buyer party identification</b><br><i>An identification for the buyer party.</i>                                                                                                                                        |  |
| <b>schemeID</b>                 | Type xs:normalizedString<br>Use required                                                                | <b>Rules</b><br><i>OP-T01-005 - A Party Identifier Scheme MUST be from the list of PEPPOL Party Identifiers.</i><br><b>Code List ID:</b> PEPPOL:PartyIdentifier                                                                                                   |  |
| <b>cac:PartyName</b>            | Occurrence 0 .. 1<br>Type cac:PartyNameType                                                             |                                                                                                                                                                                                                                                                   |  |
| <b>cbc:Name</b>                 | Occurrence 1 .. 1<br>Type cbc:NameType                                                                  |                                                                                                                                                                                                                                                                   |  |
| <b>cac:PostalAddress</b>        | Occurrence 0 .. 1<br>Type cac:AddressType                                                               |                                                                                                                                                                                                                                                                   |  |
| <b>cbc:StreetName</b>           | Occurrence 0 .. 1<br>Type cbc:StreetNameType<br>Info req.ID tir01-032<br>Bus req.ID tbr01-009           | <b>Term name</b><br><b>BII Usage</b><br><b>Address line 1</b><br><i>The main address line in a postal address usually the street name and number.</i>                                                                                                             |  |
| <b>cbc:AdditionalStreetName</b> | Occurrence 0 .. 1<br>Type cbc:AdditionalStreetNameType<br>Info req.ID tir01-027<br>Bus req.ID tbr01-009 | <b>Term name</b><br><b>BII Usage</b><br><b>Address line 2</b><br><i>An additional address line in a postal address that can be used to give further details supplementing the main line. Common use are secondary house number in a complex or in a building.</i> |  |
| <b>cbc:CityName</b>             | Occurrence 0 .. 1<br>Type cbc:CityNameType<br>Info req.ID tir01-031<br>Bus req.ID tbr01-009             | <b>Term name</b><br><b>BII Usage</b><br><b>City</b><br><i>The common name of the city where the postal address is. The name is written in full rather than as a code.</i>                                                                                         |  |

| Element/Attribute      | Description                                                                                                                                    | Usage                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| cbc:PostalZone         | <p><b>Occurrence</b> 0 .. 1<br/> <b>Type</b> cbc:PostalZoneType<br/> <b>Info req.ID</b> tir01-024<br/> <b>Bus req.ID</b> tbr01-009</p>         | <p><b>Term name</b> Post code<br/> <b>BII Usage</b> The identifier for an addressable group of properties according to the relevant national postal service, such as a ZIP code or Post Code.</p>                                                                                                                                                                               |
| cbc:CountrySubentity   | <p><b>Occurrence</b> 0 .. 1<br/> <b>Type</b> cbc:CountrySubentityType<br/> <b>Info req.ID</b> tir01-141<br/> <b>Bus req.ID</b> tbr01-009</p>   | <p><b>Term name</b> Country subdivision<br/> <b>BII Usage</b> For specifying a region, county, state, province etc. within a country by using text.</p>                                                                                                                                                                                                                         |
| cac:Country            | <p><b>Occurrence</b> 0 .. 1<br/> <b>Type</b> cac:CountryType</p>                                                                               |                                                                                                                                                                                                                                                                                                                                                                                 |
| cbc:IdentificationCode | <p><b>Occurrence</b> 1 .. 1<br/> <b>Type</b> cbc:IdentificationCodeType<br/> <b>Info req.ID</b> tir01-033<br/> <b>Bus req.ID</b> tbr01-009</p> | <p><b>Term name</b> Country code<br/> <b>BII Usage</b> The country where the address is. The country should always be given by using ISO code 3166 alpha 2</p> <p><b>Rules</b> OP-T01-006 - Country codes in an order MUST be coded using ISO code list 3166-1 EUGEN-T01-R015 - A country identification code MUST have a code list identifier attribute "ISO3166-1:Alpha2"</p> |
| listID                 | <p><b>Type</b> xs:normalizedString<br/> <b>Use</b> required</p>                                                                                | <p><b>Code List ID:</b> ISO3166-1:Alpha2</p>                                                                                                                                                                                                                                                                                                                                    |
| cac:PartyTaxScheme     | <p><b>Occurrence</b> 0 .. 1<br/> <b>Type</b> cac:PartyTaxSchemeType</p>                                                                        |                                                                                                                                                                                                                                                                                                                                                                                 |
| cbc:CompanyID          | <p><b>Occurrence</b> 1 .. 1<br/> <b>Type</b> cbc:CompanyIDType<br/> <b>Info req.ID</b> tir01-034<br/> <b>Bus req.ID</b> tbr01-011</p>          | <p><b>Term name</b> Buyer VAT identifier<br/> <b>BII Usage</b> The buyers registered Value Added Tax identifier. To be stated in case reverse charge is to apply to the purchase.</p>                                                                                                                                                                                           |
| schemelD               | <p><b>Type</b> xs:normalizedString<br/> <b>Use</b> optional</p>                                                                                | <p><b>Rules</b> OP-T01-005 - A Party Identifier Scheme MUST be from the list of PEPPOL Party Identifiers.<br/> <b>Code List ID:</b> PEPPOL:PartyIdentifier</p>                                                                                                                                                                                                                  |
| cac:TaxScheme          | <p><b>Occurrence</b> 1 .. 1<br/> <b>Type</b> cac:TaxSchemeType</p>                                                                             |                                                                                                                                                                                                                                                                                                                                                                                 |
| cbc:ID                 | <p><b>Occurrence</b> 1 .. 1<br/> <b>Type</b> cbc:IDType<br/> <b>Info req.ID</b> 3<br/> <b>Example</b> VAT</p>                                  | <p><b>Term name</b> Identifier<br/> <b>BII Usage</b> Code for TaxScheme. VAT is the only allowed value</p>                                                                                                                                                                                                                                                                      |
| cac:PartyLegalEntity   | <p><b>Occurrence</b> 0 .. 1<br/> <b>Type</b> cac:PartyLegalEntityType</p>                                                                      |                                                                                                                                                                                                                                                                                                                                                                                 |
| cbc:RegistrationName   | <p><b>Occurrence</b> 0 .. 1<br/> <b>Type</b> cbc:RegistrationNameType<br/> <b>Info req.ID</b> tir01-044<br/> <b>Bus req.ID</b> tbr01-012</p>   | <p><b>Term name</b> Buyers legal registration name<br/> <b>BII Usage</b> authority.</p>                                                                                                                                                                                                                                                                                         |

| Element/Attribute       | Description                                                                                                                              | Usage                           |                                                                                                                                                                                         |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| cbc:CompanyID           | <p>Occurrence 0 .. 1</p> <p>Type cbc:CompanyIDType</p> <p>Info req.ID tir01-043</p> <p>Bus req.ID tbr01-012</p> <p>Example 931186755</p> | Term name BII Usage             | Buyers legal registration identifier<br><i>Identifies a company as registered with the company registration scheme.</i>                                                                 |
| schemeID                | <p>Type xs:normalizedString</p> <p>Use optional</p>                                                                                      | Rules PEPPOL Party Identifiers. | Code List ID: PEPPOL:PartyIdentifier                                                                                                                                                    |
| cac:RegistrationAddress | <p>Occurrence 0 .. 1</p> <p>Type cac:AddressType</p>                                                                                     |                                 |                                                                                                                                                                                         |
| cbc:CityName            | <p>Occurrence 0 .. 1</p> <p>Type cbc:CityNameType</p> <p>Info req.ID tir01-045</p> <p>Bus req.ID tbr01-012</p>                           | Term name BII Usage             | Buyers legal registration address city name<br><i>Associates with the registered address of the party within a Corporate Registration Scheme. The name of a city, town, or village.</i> |
| cac:Country             | <p>Occurrence 0 .. 1</p> <p>Type cac:CountryType</p>                                                                                     |                                 |                                                                                                                                                                                         |
| cbc:IdentificationCode  | <p>Occurrence 1 .. 1</p> <p>Type cbc:IdentificationCodeType</p> <p>Info req.ID tir01-046</p> <p>Bus req.ID tbr01-012</p>                 | Term name BII Usage             | Buyers legal registration address country code<br><i>Buyers legal registration address country ID</i>                                                                                   |
| listID                  | <p>Type xs:normalizedString</p> <p>Use required</p>                                                                                      | Rules ISO code list 3166-1      | Code List ID: ISO3166-1:Alpha2                                                                                                                                                          |
| cac:Contact             | <p>Occurrence 0 .. 1</p> <p>Type cac:ContactType</p>                                                                                     |                                 |                                                                                                                                                                                         |
| cbc:ID                  | <p>Occurrence 0 .. 1</p> <p>Type cbc:IDType</p> <p>Info req.ID OP-T01-010</p>                                                            | Term name BII Usage             | Contact identifier<br><i>Reference to buyer contact, "Your ref."</i>                                                                                                                    |
| cbc:Name                | <p>Occurrence 0 .. 1</p> <p>Type cbc:NameType</p> <p>Info req.ID tir01-050</p> <p>Bus req.ID tbr01-014</p>                               | Term name BII Usage             | Contact person name<br><i>The name of the contact person.</i>                                                                                                                           |
| cbc:Telephone           | <p>Occurrence 0 .. 1</p> <p>Type cbc:TelephoneType</p> <p>Info req.ID tir01-047</p> <p>Bus req.ID tbr01-013</p>                          | Term name BII Usage             | Contact telephone number<br><i>A phone number for the contact person. If the person has a direct number, this is that number.</i>                                                       |
| cbc:Telefax             | <p>Occurrence 0 .. 1</p> <p>Type cbc:TelefaxType</p> <p>Info req.ID tir01-048</p> <p>Bus req.ID tbr01-013</p>                            | Term name BII Usage             | Contact fax number<br><i>A fax number for the contact persons.</i>                                                                                                                      |
| cbc:ElectronicMail      | <p>Occurrence 0 .. 1</p> <p>Type cbc:ElectronicMailType</p> <p>Info req.ID tir01-049</p> <p>Bus req.ID tbr01-013</p>                     | Term name BII Usage             | Contact email address<br><i>The e-mail address for the contact person. If the person has a direct e-mail this is that email.</i>                                                        |

| Element/Attribute               | Description                                                                                                                                            | Usage                                |                                                                                                                                                                                                                           |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>cac:SellerSupplierParty</b>  | <p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> cac:SupplierPartyType</p>                                                                               |                                      |                                                                                                                                                                                                                           |
| <b>cac:Party</b>                | <p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> cac:PartyType</p>                                                                                       |                                      |                                                                                                                                                                                                                           |
| <b>cbc:EndpointID</b>           | <p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> cbc:EndpointIDType</p> <p><b>Info req.ID</b> tir01-058</p> <p><b>Bus req.ID</b> tbr01-010</p>           | <b>Term name</b><br><b>BII Usage</b> | <b>Seller party endpoint identifier</b><br><i>Identifies the end point of the routing service.</i>                                                                                                                        |
| <b>schemeID</b>                 | <p><b>Type</b> xs:normalizedString</p> <p><b>Use</b> required</p>                                                                                      |                                      | <b>Rules</b> EUGEN-T01-R011 - An endpoint identifier MUST have a scheme identifier attribute<br><br><b>Code List ID:</b> PEPPOL:PartyIdentifier                                                                           |
| <b>cac:PartyIdentification</b>  | <p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> cac:PartyIdentificationType</p>                                                                         |                                      |                                                                                                                                                                                                                           |
| <b>cbc:ID</b>                   | <p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> cbc:IDType</p> <p><b>Info req.ID</b> tir01-059</p> <p><b>Bus req.ID</b> tbr01-009</p>                   | <b>Term name</b><br><b>BII Usage</b> | <b>Seller party identification</b><br><i>Identifies a party.</i>                                                                                                                                                          |
| <b>schemeID</b>                 | <p><b>Type</b> xs:normalizedString</p> <p><b>Use</b> required</p>                                                                                      |                                      | <b>Rules</b> OP-T01-004 - An Endpoint Identifier Scheme MUST be from the code list PEPPOL:PartyIdentifier<br><br><b>Code List ID:</b> PEPPOL:PartyIdentifier                                                              |
| <b>cac:PartyName</b>            | <p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> cac:PartyNameType</p>                                                                                   |                                      |                                                                                                                                                                                                                           |
| <b>cbc:Name</b>                 | <p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> cbc:NameType</p> <p><b>Info req.ID</b> tir01-060</p> <p><b>Bus req.ID</b> tbr01-017</p>                 | <b>Term name</b><br><b>BII Usage</b> | <b>Seller party name</b><br><i>The name of the party.</i>                                                                                                                                                                 |
| <b>cac:PostalAddress</b>        | <p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> cac:AddressType</p>                                                                                     |                                      |                                                                                                                                                                                                                           |
| <b>cbc:StreetName</b>           | <p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> cbc:StreetNameType</p> <p><b>Info req.ID</b> tir01-063</p> <p><b>Bus req.ID</b> tbr01-017</p>           | <b>Term name</b><br><b>BII Usage</b> | <b>Address line 1</b><br><i>The main address line in a postal address usually the street name and number.</i>                                                                                                             |
| <b>cbc:AdditionalStreetName</b> | <p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> cbc:AdditionalStreetNameType</p> <p><b>Info req.ID</b> tir01-064</p> <p><b>Bus req.ID</b> tbr01-017</p> | <b>Term name</b><br><b>BII Usage</b> | <b>Address line 2</b><br><i>An additional address line in a postal address that can be used to give further details supplementing the main line. Common use are secondary house number in a complex or in a building.</i> |
| <b>cbc:CityName</b>             | <p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> cbc:CityNameType</p> <p><b>Info req.ID</b> tir01-065</p> <p><b>Bus req.ID</b> tbr01-017</p>             | <b>Term name</b><br><b>BII Usage</b> | <b>City</b><br><i>The common name of the city where the postal address is. The name is written in full rather than as a code.</i>                                                                                         |

| Element/Attribute           | Description                                                                                           | Usage                                                                                                                                                                                                                                                                                                                                                                                   |
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| cbc:PostalZone              | Occurrence 0 .. 1<br>Type cbc:PostalZoneType<br>Info req.ID tir01-068<br>Bus req.ID tbr01-017         | Term name Post code<br>BII Usage The identifier for an addressable group of properties according to the relevant national postal service, such as a ZIP code or Post Code.                                                                                                                                                                                                              |
| cbc:CountrySubentity        | Occurrence 0 .. 1<br>Type cbc:CountrySubentityType<br>Info req.ID tir01-142<br>Bus req.ID tbr01-017   | Term name Country subdivision<br>BII Usage For specifying a region, county, state, province etc. within a country by using text.                                                                                                                                                                                                                                                        |
| cac:Country                 | Occurrence 0 .. 1<br>Type cac:CountryType                                                             |                                                                                                                                                                                                                                                                                                                                                                                         |
| cbc:IdentificationCode      | Occurrence 1 .. 1<br>Type cbc:IdentificationCodeType<br>Info req.ID tir01-069<br>Bus req.ID tbr01-017 | Term name Country code<br>BII Usage The country where the address is. The country should always be given by using ISO code 3166 alpha 2<br><br>Rules OP-T01-006 - Country codes in an order MUST be coded using ISO code list 3166-1 EUGEN-T01-R015 - A country identification code MUST have a code list identifier attribute "ISO3166-1:Alpha2"<br><br>Code List ID: ISO3166-1:Alpha2 |
| listID                      | Type xs:normalizedString<br>Use required                                                              |                                                                                                                                                                                                                                                                                                                                                                                         |
| cac:Contact                 | Occurrence 0 .. 1<br>Type cac:ContactType                                                             |                                                                                                                                                                                                                                                                                                                                                                                         |
| cbc:Name                    | Occurrence 0 .. 1<br>Type cbc:NameType<br>Info req.ID tir01-074<br>Bus req.ID tbr01-014               | Term name Contact person name<br>BII Usage The name of the contact person.                                                                                                                                                                                                                                                                                                              |
| cbc:Telephone               | Occurrence 0 .. 1<br>Type cbc:TelephoneType<br>Info req.ID tir01-077<br>Bus req.ID tbr01-014          | Term name Contact telephone number<br>BII Usage A phone number for the contact person. If the person has a direct number, this is that number.                                                                                                                                                                                                                                          |
| cbc:Telefax                 | Occurrence 0 .. 1<br>Type cbc:TelefaxType<br>Info req.ID tir01-075<br>Bus req.ID tbr01-014            | Term name Contact fax number<br>BII Usage A fax number for the contact persons.                                                                                                                                                                                                                                                                                                         |
| cbc:ElectronicMail          | Occurrence 0 .. 1<br>Type cbc:ElectronicMailType<br>Info req.ID tir01-076<br>Bus req.ID tbr01-014     | Term name Contact email address<br>BII Usage The e-mail address for the contact person. If the person has a direct e-mail this is that email.                                                                                                                                                                                                                                           |
| cac:OriginatorCustomerParty | Occurrence 0 .. 1<br>Type cac:CustomerPartyType                                                       |                                                                                                                                                                                                                                                                                                                                                                                         |
| cac:Party                   | Occurrence 1 .. 1<br>Type cac:PartyType                                                               |                                                                                                                                                                                                                                                                                                                                                                                         |
| cac:PartyIdentification     | Occurrence 0 .. 1<br>Type cac:PartyIdentificationType                                                 |                                                                                                                                                                                                                                                                                                                                                                                         |

| Element/Attribute           | Description                                                                                       | Usage                                               |                                                                                                                                   |
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| cbc:ID                      | Occurrence 1 .. 1<br>Type cbc:IDType<br>Info req.ID tir01-081<br>Bus req.ID tbr01-0               | Term name<br>BII Usage                              | Originator identifier<br><i>Identifies a party.</i>                                                                               |
| schemeID                    | Type xs:normalizedString<br>Use required                                                          | Rules<br>identifier attribute                       | EUGEN-T01-R012 - A party identifier MUST have a scheme identifier attribute                                                       |
| cac:PartyName               | Occurrence 0 .. 1<br>Type cac:PartyNameType                                                       | Rules<br>PEPPOL Party Identifiers.<br>Code List ID: | OP-T01-005 - A Party Identifier Scheme MUST be from the list of PEPPOL Party Identifiers.<br>PEPPOL:PartyIdentifier               |
| cbc:Name                    | Occurrence 1 .. 1<br>Type cbc:NameType<br>Info req.ID tir01-082<br>Bus req.ID tbr01-0             | Term name<br>BII Usage                              | Originator name<br><i>The name of the party.</i>                                                                                  |
| cac:Contact                 | Occurrence 0 .. 1<br>Type cac:ContactType                                                         |                                                     |                                                                                                                                   |
| cbc:Name                    | Occurrence 0 .. 1<br>Type cbc:NameType<br>Info req.ID tir01-086<br>Bus req.ID tbr01-020           | Term name<br>BII Usage                              | Contact person name<br><i>The name of the contact person.</i>                                                                     |
| cbc:Telephone               | Occurrence 0 .. 1<br>Type cbc:TelephoneType<br>Info req.ID tir01-083<br>Bus req.ID tbr01-020      | Term name<br>BII Usage                              | Contact telephone number<br><i>A phone number for the contact person. If the person has a direct number, this is that number.</i> |
| cbc:Telefax                 | Occurrence 0 .. 1<br>Type cbc:TelefaxType<br>Info req.ID tir01-084<br>Bus req.ID tbr01-020        | Term name<br>BII Usage                              | Contact fax number<br><i>A fax number for the contact persons.</i>                                                                |
| cbc:ElectronicMail          | Occurrence 0 .. 1<br>Type cbc:ElectronicMailType<br>Info req.ID tir01-085<br>Bus req.ID tbr01-020 | Term name<br>BII Usage                              | Contact email address<br><i>The e-mail address for the contact person. If the person has a direct e-mail this is that email.</i>  |
| cac:AccountingCustomerParty | Occurrence 0 .. 1<br>Type cac:CustomerPartyType                                                   |                                                     |                                                                                                                                   |
| cac:Party                   | Occurrence 1 .. 1<br>Type cac:PartyType                                                           |                                                     |                                                                                                                                   |
| cbc:EndpointID              | Occurrence 0 .. 1<br>Type cbc:EndpointIDType<br>Info req.ID tir01-157                             | Term name<br>BII Usage                              | Endpoint identifier<br><i>Identifies the end point of the routing service.</i>                                                    |
| schemeID                    | Type xs:normalizedString<br>Use required                                                          | Rules<br>identifier attribute                       | EUGEN-T01-R011 - An endpoint identifier MUST have a scheme identifier attribute                                                   |
| cac:PartyIdentification     | Occurrence 0 .. 1                                                                                 | Rules<br>Code List ID:                              | OP-T01-004 - An Endpoint Identifier Scheme MUST be from the list of PEPPOL Party Identifiers.<br>PEPPOL:PartyIdentifier           |

| Element/Attribute        | Description                                                                                                                                   | Usage                                                                                                                                                                                                                                         |                                                                                          |
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| cbc:ID                   | Type <b>cac:PartyIdentificationType</b><br>Occurrence 1 .. 1<br>Type <b>cbc:IDType</b><br>Info req.ID tir01-156                               | Term name <b>Party identification</b><br><b>BII Usage</b> An identification for the invoicee party.                                                                                                                                           | <b>Rules</b> EUGEN-T01-R012 - A party identifier MUST have a scheme identifier attribute |
| schemeID                 | Type <b>xs:normalizedString</b><br>Use required                                                                                               | <b>Rules</b> OP-T01-005 - A Party Identifier Scheme <b>MUST</b> be from the list of PEPPOL Party Identifiers.<br><b>Code List ID:</b> PEPPOL:PartyIdentifier                                                                                  |                                                                                          |
| cac:PartyName            | Occurrence 0 .. 1<br>Type <b>cac:PartyNameType</b>                                                                                            |                                                                                                                                                                                                                                               |                                                                                          |
| cbc:Name                 | Occurrence 1 .. 1<br>Type <b>cbc:NameType</b><br>Info req.ID tir01-155                                                                        | Term name <b>Party name</b><br><b>BII Usage</b> items.                                                                                                                                                                                        | The name of the party who should be invoiced for the ordered                             |
| cac:PostalAddress        | Occurrence 0 .. 1<br>Type <b>cac:AddressType</b>                                                                                              |                                                                                                                                                                                                                                               |                                                                                          |
| cbc:StreetName           | Occurrence 0 .. 1<br>Type <b>cbc:StreetNameType</b><br>Info req.ID OP-T01-010<br>Example the main address line in the postal address, usually | Term name <b>Address line 1</b><br><b>BII Usage</b> and number.                                                                                                                                                                               | The main address line in a postal address usually the street name                        |
| cbc:AdditionalStreetName | Occurrence 0 .. 1<br>Type <b>cbc:AdditionalStreetNameType</b><br>Info req.ID OP-T01-010                                                       | Term name <b>Address line 2</b><br><b>BII Usage</b> An additional address line in a postal address that can be used to give further details supplementing the main line. Common use are secondary house number in a complex or in a building. |                                                                                          |
| cbc:CityName             | Occurrence 0 .. 1<br>Type <b>cbc:CityNameType</b><br>Info req.ID OP-T01-010                                                                   | Term name <b>City</b><br><b>BII Usage</b> The common name of the city where the postal address is. The name is written in full rather than as a code.                                                                                         |                                                                                          |
| cbc:PostalZone           | Occurrence 0 .. 1<br>Type <b>cbc:PostalZoneType</b><br>Info req.ID OP-T01-010                                                                 | Term name <b>Post code</b><br><b>BII Usage</b> The identifier for an addressable group of properties according to the relevant national postal service, such as a ZIP code or Post Code.                                                      |                                                                                          |
| cbc:CountrySubentity     | Occurrence 0 .. 1<br>Type <b>cbc:CountrySubentityType</b><br>Info req.ID OP-T01-010                                                           | Term name <b>Country subdivision</b><br><b>BII Usage</b> For specifying a region, county, state, province etc. within a country by using text.                                                                                                |                                                                                          |
| cac:Country              | Occurrence 0 .. 1<br>Type <b>cac:CountryType</b>                                                                                              |                                                                                                                                                                                                                                               |                                                                                          |

| Element/Attribute       | Description                                                                    | Usage                                                                                                                                                              |                                                                                                                                                                                                       |
|-------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| cbc:IdentificationCode  | Occurrence 1 .. 1<br>Type cbc:IdentificationCodeType<br>Info req.ID OP-T01-010 | Term name Country<br>BII Usage The country where the address is. The country should always be given by using ISO code 3166 alpha 2                                 | Rules OP-T01-006 - Country codes in an order MUST be coded using ISO code list 3166-1<br>EUGEN-T01-R015 - A country identification code MUST have a code list identifier attribute "ISO3166-1:Alpha2" |
| listID                  | Type xs:normalizedString<br>Use required                                       | Code List ID: ISO3166-1:Alpha2                                                                                                                                     |                                                                                                                                                                                                       |
| cac:PartyTaxScheme      | Occurrence 0 .. 1<br>Type cac:PartyTaxSchemeType                               |                                                                                                                                                                    |                                                                                                                                                                                                       |
| cbc:CompanyID           | Occurrence 1 .. 1<br>Type cbc:CompanyIDType<br>Info req.ID OP-T01-010          | Term name Invoicee VAT identifier<br>BII Usage The invoicees registered Value Added Tax identifier                                                                 |                                                                                                                                                                                                       |
| cac:TaxScheme           | Occurrence 1 .. 1<br>Type cac:TaxSchemeType                                    |                                                                                                                                                                    |                                                                                                                                                                                                       |
| cbc:ID                  | Occurrence 1 .. 1<br>Type cbc:IDType<br>Info req.ID OP-T01-010<br>Example VAT  | Term name Identifier<br>BII Usage Code for TaxScheme. VAT is the only allowed value                                                                                |                                                                                                                                                                                                       |
| cac:PartyLegalEntity    | Occurrence 0 .. 1<br>Type cac:PartyLegalEntityType                             |                                                                                                                                                                    |                                                                                                                                                                                                       |
| cbc:RegistrationName    | Occurrence 0 .. 1<br>Type cbc:RegistrationNameType<br>Info req.ID tir01-159    | Term name Legal registration name<br>BII Usage The official name of the party as registered with the relevant fiscal authority.                                    | The official name of the party as registered with the relevant fiscal authority.                                                                                                                      |
| cbc:CompanyID           | Occurrence 0 .. 1<br>Type cbc:CompanyIDType<br>Info req.ID tir01-158           | Term name Company ID<br>BII Usage Identifies a company as registered with the company registration scheme.                                                         | Identifies a company as registered with the company registration scheme.                                                                                                                              |
| cac:RegistrationAddress | Occurrence 0 .. 1<br>Type cac:AddressType                                      |                                                                                                                                                                    |                                                                                                                                                                                                       |
| cbc:CityName            | Occurrence 0 .. 1<br>Type cbc:CityNameType<br>Info req.ID tir01-160            | Term name City name<br>BII Usage Associates with the registered address of the party within a Corporate Registration Scheme. The name of a city, town, or village. | Associates with the registered address of the party within a Corporate Registration Scheme. The name of a city, town, or village.                                                                     |
| cac:Country             | Occurrence 0 .. 1<br>Type cac:CountryType                                      |                                                                                                                                                                    |                                                                                                                                                                                                       |

| Element/Attribute        | Description                                                                                             | Usage                                                                                                                                                                                                                                  |                                |
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| cbc:IdentificationCode   | Occurrence 1 .. 1<br>Type cbc:IdentificationCodeType<br>Info req.ID tir01-161                           | Term name Country code<br>BII Usage <i>Invoicee legal registration address country ID</i>                                                                                                                                              |                                |
| listID                   | Type xs:normalizedString<br>Use required                                                                | Rules OP-T01-006 - Country codes in an order MUST be coded using ISO code list 3166-1<br>EUGEN-T01-R015 - A country identification code MUST have a code list identifier attribute "ISO3166-1:Alpha2"                                  | Code List ID: ISO3166-1:Alpha2 |
| cac:Contact              | Occurrence 0 .. 1<br>Type cac:ContactType                                                               |                                                                                                                                                                                                                                        |                                |
| cbc:ID                   | Occurrence 0 .. 1<br>Type cbc:IDType<br>Info req.ID OP-T01-010                                          | Term name Contact identifier<br>BII Usage <i>Reference to invoicee contact</i>                                                                                                                                                         |                                |
| cac:Delivery             | Occurrence 0 .. 1<br>Type cac:DeliveryType                                                              |                                                                                                                                                                                                                                        |                                |
| cac:DeliveryLocation     | Occurrence 0 .. 1<br>Type cac:LocationType                                                              |                                                                                                                                                                                                                                        |                                |
| cac:Address              | Occurrence 0 .. 1<br>Type cac:AddressType                                                               |                                                                                                                                                                                                                                        |                                |
| cbc:ID                   | Occurrence 0 .. 1<br>Type cbc:IDType<br>Info req.ID tir01-169<br>Bus req.ID tbr01-021                   | Term name Delivery location ID<br>BII Usage <i>An identifier for the location to where the ordered items should be delivered.</i>                                                                                                      |                                |
| schemeID                 | Type xs:normalizedString<br>Use optional                                                                |                                                                                                                                                                                                                                        |                                |
| cbc:StreetName           | Occurrence 0 .. 1<br>Type cbc:StreetNameType<br>Info req.ID tir01-092<br>Bus req.ID tbr01-021           | Term name Address line 1<br>BII Usage <i>The main address line in a postal address usually the street name and number.</i>                                                                                                             |                                |
| cbc:AdditionalStreetName | Occurrence 0 .. 1<br>Type cbc:AdditionalStreetNameType<br>Info req.ID tir01-093<br>Bus req.ID tbr01-021 | Term name Address line 2<br>BII Usage <i>An additional address line in a postal address that can be used to give further details supplementing the main line. Common use are secondary house number in a complex or in a building.</i> |                                |
| cbc:CityName             | Occurrence 0 .. 1<br>Type cbc:CityNameType<br>Info req.ID tir01-096<br>Bus req.ID tbr01-021             | Term name City<br>BII Usage <i>The common name of the city where the postal address is. The name is written in full rather than as a code.</i>                                                                                         |                                |
| cbc:PostalZone           | Occurrence 0 .. 1<br>Type cbc:PostalZoneType<br>Info req.ID tir01-097<br>Bus req.ID tbr01-021           | Term name Post code<br>BII Usage <i>The identifier for an addressable group of properties according to the relevant national postal service, such as a ZIP code or Post Code.</i>                                                      |                                |

| Element/Attribute           | Description                                                                                           | Usage                                                                                                                                                                                                                                                                                                                                                             |
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| cbc:CountrySubentity        | Occurrence 0 .. 1<br>Type cbc:CountrySubentityType<br>Info req.ID tir01-144<br>Bus req.ID tbr01-021   | Term name <b>Country subdivision</b><br>BII Usage <i>For specifying a region, county, state, province etc. within a country by using text.</i>                                                                                                                                                                                                                    |
| cac:Country                 | Occurrence 0 .. 1<br>Type cac:CountryType                                                             |                                                                                                                                                                                                                                                                                                                                                                   |
| cbc:IdentificationCode      | Occurrence 1 .. 1<br>Type cbc:IdentificationCodeType<br>Info req.ID tir01-098<br>Bus req.ID tbr01-021 | Term name <b>Country code</b><br>BII Usage <i>The country where the address is. The country should always be given by using ISO code 3166 alpha 2</i><br><br>Rules OP-T01-006 - Country codes in an invoice MUST be coded using ISO code list 3166-1 EUGEN-T01-R015 - A country identification code MUST have a code list identifier attribute "ISO3166-1:Alpha2" |
| listID                      | Type xs:normalizedString<br>Use required                                                              | Code List ID: ISO3166-1:Alpha2                                                                                                                                                                                                                                                                                                                                    |
| cac:RequestedDeliveryPeriod | Occurrence 0 .. 1<br>Type cac:PeriodType                                                              |                                                                                                                                                                                                                                                                                                                                                                   |
| cbc:StartDate               | Occurrence 0 .. 1<br>Type cbc:StartDateType<br>Info req.ID tir01-099<br>Bus req.ID tbr01-023          | Term name <b>Period start date</b><br>BII Usage <i>The date on which the period starts. The start dates counts as part of the period.</i>                                                                                                                                                                                                                         |
| cbc:EndDate                 | Occurrence 0 .. 1<br>Type cbc:EndDateType<br>Info req.ID tir01-100<br>Bus req.ID tbr01-023            | Term name <b>Period end date</b><br>BII Usage <i>The date on which the period ends. The end date counts as part of the period.</i>                                                                                                                                                                                                                                |
| cac:DeliveryParty           | Occurrence 0 .. 1<br>Type cac:PartyType                                                               |                                                                                                                                                                                                                                                                                                                                                                   |
| cac:PartyIdentification     | Occurrence 0 .. 1<br>Type cac:PartyIdentificationType                                                 |                                                                                                                                                                                                                                                                                                                                                                   |
| cbc:ID                      | Occurrence 1 .. 1<br>Type cbc:IDType<br>Info req.ID tir01-101<br>Bus req.ID tbr01-021                 | Term name <b>Delivery party ID</b><br>BII Usage <i>An identifier for the party that should deliver the ordered items.<br/>In this BIS: The identifier of the party that should receive the ordered items</i>                                                                                                                                                      |
| schemeID                    | Type xs:normalizedString<br>Use required                                                              | Rules OP-T01-005 - An Party Identifier Scheme MUST be from the list of PEPPOL Party Identifiers.<br>Code List ID: PEPPOL:PartyIdentifier                                                                                                                                                                                                                          |
| cac:PartyName               | Occurrence 0 .. 1<br>Type cac:PartyNameType                                                           |                                                                                                                                                                                                                                                                                                                                                                   |
| cbc:Name                    | Occurrence 1 .. 1<br>Type cbc:NameType<br>Info req.ID tir01-102<br>Bus req.ID tbr01-021               | Term name <b>Delivery party name</b><br>BII Usage <i>The name of the party that should handle the delivery.<br/>In this BIS: The name of the party that should receive the delivery</i>                                                                                                                                                                           |
| cac:Contact                 | Occurrence 0 .. 1                                                                                     |                                                                                                                                                                                                                                                                                                                                                                   |

| Element/Attribute    | Description                                                                                                     | Usage                  |                                                                                                                                   |
|----------------------|-----------------------------------------------------------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| cbc:Name             | Type cac:ContactType<br>Occurrence 0 .. 1<br>Type cbc:NameType<br>Info req.ID tir01-103<br>Bus req.ID tbr01-021 | Term name<br>BII Usage | Contact person name<br><i>The name of the contact person.</i>                                                                     |
| cbc:Telephone        | Occurrence 0 .. 1<br>Type cbc:TelephoneType<br>Info req.ID tir01-104<br>Bus req.ID tbr01-021                    | Term name<br>BII Usage | Contact telephone number<br><i>A phone number for the contact person. If the person has a direct number, this is that number.</i> |
| cbc:Telefax          | Occurrence 0 .. 1<br>Type cbc:TelefaxType<br>Info req.ID tir01-105<br>Bus req.ID tbr01-021                      | Term name<br>BII Usage | Contact fax number<br><i>A fax number for the contact persons.</i>                                                                |
| cbc:ElectronicMail   | Occurrence 0 .. 1<br>Type cbc:ElectronicMailType<br>Info req.ID tir01-106<br>Bus req.ID tbr01-021               | Term name<br>BII Usage | Contact email address<br><i>The e-mail address for the contact person. If the person has a direct e-mail this is that email.</i>  |
| cac:DeliveryTerms    | Occurrence 0 .. 1<br>Type cac:DeliveryTermsType                                                                 |                        |                                                                                                                                   |
| cbc:ID               | Occurrence 0 .. 1<br>Type cbc:IDType<br>Info req.ID tir01-107<br>Bus req.ID tbr01-038                           | Term name<br>BII Usage | Delivery terms<br><i>The ability for the buyer to specify what shipping terms should apply the delivery of the order.</i>         |
| schemeID             | Type xs:normalizedString<br>Use optional                                                                        |                        |                                                                                                                                   |
| cbc:SpecialTerms     | Occurrence 0 .. 1<br>Type cbc:SpecialTermsType<br>Info req.ID tir01-108<br>Bus req.ID tbr01-038                 | Term name<br>BII Usage | Delivery special terms<br><i>A description of special conditions relating to the Delivery Terms.</i>                              |
| cac:DeliveryLocation | Occurrence 0 .. 1<br>Type cac:LocationType                                                                      |                        |                                                                                                                                   |
| cbc:ID               | Occurrence 0 .. 1<br>Type cbc:IDType<br>Info req.ID tir01-109<br>Bus req.ID tbr01-038                           | Term name<br>BII Usage | Delivery terms location<br><i>An association to Location, e.g., a port. The unique identifier for the location.</i>               |
| cac:PaymentTerms     | Occurrence 0 .. 1<br>Type cac:PaymentTermsType                                                                  |                        |                                                                                                                                   |
| cbc:Note             | Occurrence 0 .. 1<br>Type cbc:NoteType<br>Info req.ID OP-T01-014                                                | Term name<br>BII Usage | Payment terms<br><i>Payment terms for the order described in text</i>                                                             |
| cac:AllowanceCharge  | Occurrence 0 .. unbounded<br>Type cac:AllowanceChargeType                                                       |                        |                                                                                                                                   |

| Element/Attribute            | Description                                                                                                                                             | Usage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                             |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| cbc:ChargeIndicator          | <p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> cbc:ChargeIndicatorType</p> <p><b>Info req.ID</b> 4</p> <p><b>Example</b> False</p>                      | <p><b>Term name</b> BII Usage</p> <p><b>AllowanceChargeIndicator</b><br/><i>True = Charge, False = Allowance</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                             |
| cbc:AllowanceChargeReason    | <p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> cbc:AllowanceChargeReasonType</p> <p><b>Info req.ID</b> tir01-112</p> <p><b>Bus req.ID</b> tbr01-030</p> | <p><b>Term name</b> BII Usage</p> <p><b>Allowance and charges reason</b><br/><i>A textual reason for the allowance or the charge. Can also be its name.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                             |
| cbc:Amount                   | <p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> cbc:AmountType</p> <p><b>Info req.ID</b> tir01-113</p> <p><b>Bus req.ID</b> tbr01-030</p>                | <p><b>Term name</b> BII Usage</p> <p><b>Allowance and charge amount</b><br/><i>The net amount of the allowance or the charge excluding VAT.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                             |
| currencyID                   | <p><b>Type</b> xs:normalizedString</p> <p><b>Use</b> required</p>                                                                                       | <p><b>Rules</b> 4217</p> <p><b>Code List ID:</b> ISO4217</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <i>OP-T01-007 - currencyID MUST be coded using ISO code list</i>                                                            |
| cac:TaxTotal                 | <p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> cac:TaxTotalType</p>                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                             |
| cbc:TaxAmount                | <p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> cbc:TaxAmountType</p> <p><b>Info req.ID</b> tir01-114</p> <p><b>Bus req.ID</b> tbr01-024</p>             | <p><b>Term name</b> BII Usage</p> <p><b>VAT total amount</b><br/><i>The total VAT amount that is "added to the document total w/o VAT". This is the sum of all VAT subcategory amounts. An association to the total tax amount of the Order (as calculated by the Buyer). The expected Tax Total in the corresponding invoice.. The total tax amount for particular tax scheme e.g. VAT; the sum of each of the tax subtotals for each tax category within the tax scheme. Sum of line tax amounts. An association to the total tax amount of the Order (as calculated by the Buyer). The expected Tax Total in the corresponding invoice.</i></p> |                                                                                                                             |
| currencyID                   |                                                                                                                                                         | <p><b>Rules</b> 4217</p> <p><b>Code List ID:</b> ISO4217</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <i>BII2-T01-R018 - VAT total amount SHOULD be the sum of order line tax amounts, if order line tax amounts are provided</i> |
| cac:AnticipatedMonetaryTotal | <p><b>Type</b> xs:normalizedString</p> <p><b>Use</b> required</p>                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <i>OP-T01-007 - currencyID MUST be coded using ISO code list</i>                                                            |
|                              | <p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> cac:MonetaryTotalType</p>                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                             |

| Element/Attribute                     | Description                                                                                                                                      | Usage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>cbc:LineExtensionAmount</code>  | <b>Occurrence</b> 1 .. 1<br><b>Type</b> <code>cbc:LineExtensionAmountType</code><br><b>Info req.ID</b> tir01-115<br><b>Bus req.ID</b> tbr01-024  | <b>Term name</b> <b>Sum of line amounts</b><br><b>BII Usage</b> <i>Sum of line amounts in the document.</i><br><i>The total of Line Extension Amounts net of tax and settlement discounts, but inclusive of any applicable rounding amount.</i><br><b>Rules</b> BII2-T01-R013 - Expected total sum of line amounts MUST NOT be negative, if expected total sum of line amounts is provided.<br>BII2-T01-R014 - Expected total sum of line amounts MUST equal the sum of the order line amounts at order line level, if expected total sum of line amounts is provided                                         |
| <code>currencyID</code>               | <b>Type</b> <code>xs:normalizedString</code><br><b>Use</b> required                                                                              | <b>Rules</b> OP-T01-007 - <code>currencyID</code> MUST be coded using ISO code list 4217<br><b>Code List ID:</b> ISO4217                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <code>cbc:TaxExclusiveAmount</code>   | <b>Occurrence</b> 0 .. 1<br><b>Type</b> <code>cbc:TaxExclusiveAmountType</code><br><b>Info req.ID</b> tir01-145<br><b>Bus req.ID</b> tbr01-004   | <b>Term name</b> <b>Document total without VAT</b><br><b>BII Usage</b> <i>The "Sum of line amounts" plus "sum of allowances on document level" plus "sum of charges on document level".</i><br><b>Rules</b> OP-T01-007 - <code>currencyID</code> MUST be coded using ISO code list 4217<br><b>Code List ID:</b> ISO4217                                                                                                                                                                                                                                                                                       |
| <code>cbc:TaxInclusiveAmount</code>   | <b>Occurrence</b> 0 .. 1<br><b>Type</b> <code>cbc:TaxInclusiveAmountType</code><br><b>Info req.ID</b> tir01-147<br><b>Bus req.ID</b> tbr01-004   | <b>Term name</b> <b>Document total including VAT</b><br><b>BII Usage</b> <i>The total value including VAT</i><br><b>Rules</b> OP-T01-007 - <code>currencyID</code> MUST be coded using ISO code list 4217<br><b>Code List ID:</b> ISO4217                                                                                                                                                                                                                                                                                                                                                                     |
| <code>cbc:AllowanceTotalAmount</code> | <b>Occurrence</b> 0 .. 1<br><b>Type</b> <code>cbc:AllowanceTotalAmountType</code><br><b>Info req.ID</b> tir01-116<br><b>Bus req.ID</b> tbr01-024 | <b>Term name</b> <b>Sum of allowances on document level</b><br><b>BII Usage</b> <i>Sum of all allowances on header level in the document.</i><br><i>Allowances on line level are included in the line amount and summed up into the "sum of line amounts"</i><br><b>Rules</b> BII2-T01-R015 - Expected total sum of allowance at document level MUST be equal to the sum of allowance amounts at document level, if expected total sum of allowance at document level is provided<br><b>Rules</b> OP-T01-007 - <code>currencyID</code> MUST be coded using ISO code list 4217<br><b>Code List ID:</b> ISO4217 |

| Element/Attribute         | Description                                                                                                                                       | Usage                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| cbc:ChargeTotalAmount     | <p><b>Occurrence</b> 0 .. 1<br/> <b>Type</b> cbc:ChargeTotalAmountType<br/> <b>Info req.ID</b> tir01-117<br/> <b>Bus req.ID</b> tbr01-024</p>     | <p><b>Term name</b> Sum of charges on document level<br/> <b>BII Usage</b> Sum of all charge on header level in the document. Charges on line level are included in the line amount and summed up into the "sum of line amounts"</p>                                                                                   | <p><b>Rules</b> BII2-T01-R016 - Expected total sum of charges at document level MUST be equal to the sum of charges at document level, if expected total sum of charges at document level is provided</p>                                                                                                                                                                                       |
| currencyID                | <p><b>Type</b> xs:normalizedString<br/> <b>Use</b> required</p>                                                                                   | <p><b>Rules</b> OP-T01-007 - currencyID MUST be coded using ISO code list<br/> <b>Code List ID:</b> ISO4217</p>                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                 |
| cbc:PrepaidAmount         | <p><b>Occurrence</b> 0 .. 1<br/> <b>Type</b> cbc:PrepaidAmountType<br/> <b>Info req.ID</b> tir01-148<br/> <b>Bus req.ID</b> tbr01-035</p>         | <p><b>Term name</b> Paid amounts<br/> <b>BII Usage</b> Any amounts that have been paid a-priory.</p>                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                 |
| currencyID                | <p><b>Type</b> xs:normalizedString<br/> <b>Use</b> required</p>                                                                                   | <p><b>Rules</b> OP-T01-007 - currencyID MUST be coded using ISO code list<br/> <b>Code List ID:</b> ISO4217</p>                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                 |
| cbc:PayableRoundingAmount | <p><b>Occurrence</b> 0 .. 1<br/> <b>Type</b> cbc:PayableRoundingAmountType<br/> <b>Info req.ID</b> tir01-146<br/> <b>Bus req.ID</b> tbr01-004</p> | <p><b>Term name</b> Rounding of document total<br/> <b>BII Usage</b> Any rounding of the "Document total including VAT"</p>                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                 |
| currencyID                | <p><b>Type</b> xs:normalizedString<br/> <b>Use</b> required</p>                                                                                   | <p><b>Rules</b> OP-T01-007 - currencyID MUST be coded using ISO code list<br/> <b>Code List ID:</b> ISO4217</p>                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                 |
| cbc:PayableAmount         | <p><b>Occurrence</b> 1 .. 1<br/> <b>Type</b> cbc:PayableAmountType<br/> <b>Info req.ID</b> tir01-118<br/> <b>Bus req.ID</b> tbr01-024</p>         | <p><b>Term name</b> Amount for payment<br/> <b>BII Usage</b> The amount that is expected to be paid based on the document. This amount is the "Document total including VAT" less the "paid amounts" that have been paid a-priori.<br/> The total amount to be paid. Estimated total amount of order including VAT</p> | <p><b>Rules</b> BII2-T01-R017 - Expected total amount for payment MUST be equal to the sum of line amounts minus sum of allowances at document level plus sum of charges at document level and VAT total amount, if expected total amount for payment is provided, BII2-T01-R012 - Expected total amount for payment MUST NOT be negative, if expected total amount for payment is provided</p> |
| currencyID                | <p><b>Type</b> xs:normalizedString<br/> <b>Use</b> required</p>                                                                                   | <p><b>Rules</b> OP-T01-007 - currencyID MUST be coded using ISO code list<br/> <b>Code List ID:</b> ISO4217</p>                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                 |
| cac:OrderLine             | <p><b>Occurrence</b> 1 .. unbounded<br/> <b>Type</b> cac:OrderLineType</p>                                                                        |                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                 |

| Element/Attribute       | Description                                                                                                                                     | Usage                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| cbc:Note                | <p><b>Occurrence</b> 0 .. 1<br/> <b>Type</b> cbc:NoteType<br/> <b>Info req.ID</b> tir01-123<br/> <b>Bus req.ID</b> tbr01-003</p>                | <b>Term name</b> Order line note<br><b>BII Usage</b> Free-form text applying to the Order Line. This element may contain notes or any other similar information that is not contained explicitly in another structure. Is to capture any free form description related to the order line as a whole. |                                                                                                                                                                                                       |
| cac:LineItem            | <p><b>Occurrence</b> 1 .. 1<br/> <b>Type</b> cac:LineItemType</p>                                                                               |                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                       |
| cbc:ID                  | <p><b>Occurrence</b> 1 .. 1<br/> <b>Type</b> cbc:IDType<br/> <b>Info req.ID</b> tir01-120<br/> <b>Bus req.ID</b> tbr01-025</p>                  | <b>Term name</b> Document line identifier<br><b>BII Usage</b> Identifies the Line Item assigned by the buyer.                                                                                                                                                                                        |                                                                                                                                                                                                       |
| cbc:Quantity            | <p><b>Occurrence</b> 1 .. 1<br/> <b>Type</b> cbc:QuantityType<br/> <b>Info req.ID</b> tir01-132<br/> <b>Bus req.ID</b> tbr01-028</p>            | <b>Term name</b> Ordered quantity<br><b>BII Usage</b> The quantity of Items for the Line Item. The quantity for the order line.                                                                                                                                                                      | <b>Rules</b> BII2-T01-R003 - Each order line MUST have a document line identifier that is unique within the order                                                                                     |
| unitCode                | <p><b>Type</b> xs:normalizedString<br/> <b>Use</b> required</p>                                                                                 |                                                                                                                                                                                                                                                                                                      | <b>Rules</b> OP-T01-009 - Unit code MUST be coded according to the UN/ECE Recommendation 20 (2009) EUGEN-T01-R016 - A unit code attribute MUST have a unit code list identifier attribute "UNECREC20" |
| unitCodeListID          | <p><b>Type</b> xs:normalizedString<br/> <b>Use</b> required</p>                                                                                 |                                                                                                                                                                                                                                                                                                      | <b>Code List ID:</b> UNECREC20                                                                                                                                                                        |
| cbc:LineExtensionAmount | <p><b>Occurrence</b> 0 .. 1<br/> <b>Type</b> cbc:LineExtensionAmountType<br/> <b>Info req.ID</b> tir01-128<br/> <b>Bus req.ID</b> tbr01-024</p> | <b>Term name</b> Order line amount<br><b>BII Usage</b> The total amount for the Line Item, including Allowance Charges but net of taxes. The expected line amount excluding VAT but inclusive of other charges, allowances and taxes.                                                                |                                                                                                                                                                                                       |
| currencyID              | <p><b>Type</b> xs:normalizedString<br/> <b>Use</b> required</p>                                                                                 |                                                                                                                                                                                                                                                                                                      | <b>Rules</b> OP-T01-007 - currencyID MUST be coded using ISO code list 4217<br><b>Code List ID:</b> ISO4217                                                                                           |
| cbc:TotalTaxAmount      | <p><b>Occurrence</b> 0 .. 1<br/> <b>Type</b> cbc:TotalTaxAmountType<br/> <b>Info req.ID</b> tir01-129<br/> <b>Bus req.ID</b> tbr01-024</p>      | <b>Term name</b> Order line tax amount<br><b>BII Usage</b> The total tax amount for the Line Item. The total amounts of taxes on the line.                                                                                                                                                           |                                                                                                                                                                                                       |
| currencyID              | <p><b>Type</b> xs:normalizedString<br/> <b>Use</b> required</p>                                                                                 |                                                                                                                                                                                                                                                                                                      | <b>Rules</b> OP-T01-007 - currencyID MUST be coded using ISO code list 4217<br><b>Code List ID:</b> ISO4217                                                                                           |

| Element/Attribute            | Description                                                                                                                 | Usage                                                                                                                                                                                 |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| cbc:PartialDeliveryIndicator | Occurrence 0 .. 1<br>Type cbc:PartialDeliveryIndicatorType<br>Info req.ID tir01-124<br>Bus req.ID tbr01-033<br>Default True | Term name <b>Partial Delivery Allowed Indicator</b><br>BII Usage <i>Indicates if the line items must be delivered in a single shipment. Default that partial delivery is allowed.</i> |
| cbc:AccountingCost           | Occurrence 0 .. 1<br>Type cbc:AccountingCostType<br>Info req.ID tir01-125<br>Bus req.ID tbr01-0                             | Term name <b>Buyers accounting string</b><br>BII Usage <i>The buyer's accounting information applied to the Line Item, expressed as text.</i>                                         |
| cac:Delivery                 | Occurrence 0 .. 1<br>Type cac:DeliveryType                                                                                  |                                                                                                                                                                                       |
| cac:RequestedDeliveryPeriod  | Occurrence 0 .. 1<br>Type cac:PeriodType                                                                                    |                                                                                                                                                                                       |
| cbc:StartDate                | Occurrence 0 .. 1<br>Type cbc:StartDateType<br>Info req.ID tir01-126<br>Bus req.ID tbr01-022                                | Term name <b>Period start date</b><br>BII Usage <i>The date on which the period starts. The start dates counts as part of the period.</i>                                             |
| cbc:EndDate                  | Occurrence 0 .. 1<br>Type cbc:EndDateType<br>Info req.ID tir01-127<br>Bus req.ID tbr01-022                                  | Term name <b>Period end date</b><br>BII Usage <i>The date on which the period ends. The end date counts as part of the period.</i>                                                    |
| cac:OriginatorParty          | Occurrence 0 .. 1<br>Type cac:PartyType                                                                                     |                                                                                                                                                                                       |
| cac:PartyIdentification      | Occurrence 0 .. 1<br>Type cac:PartyIdentificationType                                                                       |                                                                                                                                                                                       |
| cbc:ID                       | Occurrence 1 .. 1<br>Type cbc:IDType<br>Info req.ID tir01-121<br>Bus req.ID tbr01-020                                       | Term name <b>Order line originator party ID</b><br>BII Usage <i>The party who originated Order.</i>                                                                                   |
| schemeID                     | Type xs:normalizedString<br>Use required                                                                                    | Rules <i>OP-T01-005 - A Party Identifier Scheme MUST be from the list of PEPPOL Party Identifiers.</i><br>Code List ID: <i>PEPPOL:PartyIdentifier</i>                                 |
| cac:PartyName                | Occurrence 0 .. 1<br>Type cac:PartyNameType                                                                                 |                                                                                                                                                                                       |
| cbc:Name                     | Occurrence 1 .. 1<br>Type cbc:NameType<br>Info req.ID tir01-122<br>Bus req.ID tbr01-020                                     | Term name <b>Order line originator party name</b><br>BII Usage <i>The party who originated Order.</i>                                                                                 |
| cac:Price                    | Occurrence 0 .. 1<br>Type cac:PriceType                                                                                     |                                                                                                                                                                                       |

| Element/Attribute   | Description                                                                                                                                                  | Usage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                     |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| cbc:PriceAmount     | <p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> cbc:PriceAmountType</p> <p><b>Info req.ID</b> tir01-130</p> <p><b>Bus req.ID</b> tbr01-0</p> <p>tbr01-027</p> | <p><b>Term name</b> item price</p> <p><b>BII Usage</b> The net price of an item including discounts or surcharges that apply to the price.</p> <p>Although price is an optional element in an order it recommended as best practice to either state the price or provide reference to an appropriate source from which the price can be identified such as a contract, catalogue or a quote.. The price amount. The net price of the item including all allowances, charges and taxes but excluding VAT.</p> |                                                                     |
| -currencyID         | <p><b>Type</b> xs:normalizedString</p> <p><b>Use</b> required</p>                                                                                            | <p><b>Rules</b> negative</p> <p><b>Code List ID:</b> ISO4217</p>                                                                                                                                                                                                                                                                                                                                                                                                                                             | OP-T01-007 - currencyID MUST be coded using ISO code list           |
| cbc:BaseQuantity    | <p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> cbc:BaseQuantityType</p> <p><b>Info req.ID</b> tir01-131</p> <p><b>Bus req.ID</b> tbr01-027</p>               | <p><b>Term name</b> Item price base quantity</p> <p><b>BII Usage</b> The actual quantity to which the price applies.</p>                                                                                                                                                                                                                                                                                                                                                                                     |                                                                     |
| -unitCode           | <p><b>Type</b> xs:normalizedString</p> <p><b>Use</b> required</p>                                                                                            | <p><b>Rules</b> OP-T01-009 - Unit code MUST be coded according to the UN/ECE Recommendation 20 (2009) EUGEN-T01-R016 - A unit code attribute MUST have a unit code list identifier attribute "UNECERec20"</p>                                                                                                                                                                                                                                                                                                |                                                                     |
| -unitCodeListID     | <p><b>Type</b> xs:normalizedString</p> <p><b>Use</b> required</p>                                                                                            | <p><b>Code List ID:</b> UNECERec20</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                     |
| cac:AllowanceCharge | <p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> cac:AllowanceChargeType</p>                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                     |
| cbc:ChargeIndicator | <p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> cbc:ChargeIndicatorType</p> <p><b>Info req.ID</b> 4</p> <p><b>Example</b> False</p>                           | <p><b>Term name</b> AllowanceChargeIndicator</p> <p><b>BII Usage</b> True = Charge, False = Allowance</p>                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                     |
| cbc:Amount          | <p><b>Occurrence</b> 1 .. 1</p> <p><b>Type</b> cbc:AmountType</p> <p><b>Info req.ID</b> 6</p>                                                                | <p><b>Term name</b> Amount</p> <p><b>BII Usage</b> The net amount for the allowance charge connected to the price</p>                                                                                                                                                                                                                                                                                                                                                                                        |                                                                     |
| -currencyID         | <p><b>Type</b> xs:normalizedString</p> <p><b>Use</b> required</p>                                                                                            | <p><b>Rules</b> 4217</p> <p><b>Code List ID:</b> ISO4217</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                 | OP-T01-007 - currencyID MUST be coded using ISO code list           |
| cbc:BaseAmount      | <p><b>Occurrence</b> 0 .. 1</p> <p><b>Type</b> cbc:BaseAmountType</p> <p><b>Info req.ID</b> tir01-152</p> <p><b>Bus req.ID</b> tbr01-035</p>                 | <p><b>Term name</b> Item list price</p> <p><b>BII Usage</b> The gross price of the item before subtracting discounts. E.g. list price.</p>                                                                                                                                                                                                                                                                                                                                                                   | The gross price of the item before subtracting discounts. E.g. list |
| -currencyID         | <p><b>Type</b> xs:normalizedString</p> <p><b>Use</b> required</p>                                                                                            | <p><b>Rules</b> 4217</p> <p><b>Code List ID:</b> ISO4217</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                 | OP-T01-007 - currencyID MUST be coded using ISO code list           |
| cac:Item            | <p><b>Occurrence</b> 1 .. 1</p>                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                     |

| Element/Attribute                      | Description                                                                                                                           | Usage                                                                                                                                                                                                                                         |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| cbc:Description                        | Type <b>cac:ItemType</b><br><br>Occurrence 0 .. 1<br>Type <b>cbc:DescriptionType</b><br>Info req.ID tir01-133<br>Bus req.ID tbr01-029 | <b>Term name</b> Item description as text<br><b>BII Usage</b> Free-form field that can be used to give a text description of the item. A detailed description of the item. Use one description per language.<br>Test text for capturing notes |
| cbc:Name                               | Occurrence 0 .. 1<br>Type <b>cbc:NameType</b><br>Info req.ID tir01-134<br>Bus req.ID tbr01-029                                        | <b>Term name</b> Item name<br><b>BII Usage</b> A short name for an item.<br>A short name optionally given to an item, such as a name from a Catalogue, as distinct from a description.                                                        |
| cac:SellersItemIdentification          | Occurrence 0 .. 1<br>Type <b>cac:ItemIdentificationType</b>                                                                           | <b>Rules</b> BII2-T01-R031 - Each order line MUST have an item identifier and/or an item name                                                                                                                                                 |
| cbc:ID                                 | Occurrence 1 .. 1<br>Type <b>cbc:IDType</b><br>Info req.ID tir01-135<br>Bus req.ID tbr01-029                                          | <b>Term name</b> Item sellers identifier<br><b>BII Usage</b> The sellers identifier for the item.<br>Associates the item with its identification according to the seller's system. The sellers ID for the item.                               |
| cac:StandardItemIdentification         | Occurrence 0 .. 1<br>Type <b>cac:ItemIdentificationType</b>                                                                           | <b>Rules</b> BII2-T01-R031 - Each order line MUST have an item identifier and/or an item name                                                                                                                                                 |
| cbc:ID                                 | Occurrence 1 .. 1<br>Type <b>cbc:IDType</b><br>Info req.ID tir01-136<br>Bus req.ID tbr01-029                                          | <b>Term name</b> Item standard identifier<br><b>BII Usage</b> A item identifier based on a registered schema.<br>Associates the item with its identification according to a standard system. Standardized ID for the item                     |
| schemeID                               | Type <b>xs:normalizedString</b><br>Use <b>optional</b>                                                                                | <b>Rules</b> BII2-T01-R031 - Each order line MUST have an item identifier and/or an item name.                                                                                                                                                |
| cac:ItemSpecificationDocumentReference | Occurrence 0 .. unbounded<br>Type <b>cac:DocumentReferenceType</b>                                                                    |                                                                                                                                                                                                                                               |
| cbc:ID                                 | Occurrence 1 .. 1<br>Type <b>cbc:IDType</b><br>Info req.ID OP-T01-012                                                                 | <b>Term name</b> Document reference<br><b>BII Usage</b> Reference to an external document (ID) when it is necessary to specify the details of the item.                                                                                       |
| cac:CommodityClassification            | Occurrence 0 .. unbounded<br>Type <b>cac:CommodityClassificationType</b>                                                              |                                                                                                                                                                                                                                               |

| Element/Attribute          | Description                                                                                             | Usage                                            |                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| cbc:ItemClassificationCode | Occurrence 1 .. 1<br>Type cbc:ItemClassificationCodeType<br>Info req.ID tir01-149<br>Bus req.ID tbr01-0 | Term name BII Usage                              | Item commodity classification<br><i>A classification code for classifying the item by its type or nature.</i> |
| listID                     | Type xs:normalizedString<br>Use optional                                                                |                                                  |                                                                                                               |
| cac:ClassifiedTaxCategory  | Occurrence 0 .. 1<br>Type cac:TaxCategoryType                                                           |                                                  |                                                                                                               |
| cbc:ID                     | Occurrence 1 .. 1<br>Type cbc:IDType<br>Info req.ID tir01-150<br>Bus req.ID tbr01-0                     | Term name BII Usage                              | Item VAT category code<br><i>The VAT code that indicates what VAT details apply to the item.</i>              |
| schemeID                   | Type xs:normalizedString<br>Use required                                                                | Rules<br>“UNCL5305”<br>Code List ID:<br>UNCL5305 | OP-T01-008 - A tax category identifier scheme MUST be UNCL5305                                                |
| cbc:Percent                | Occurrence 0 .. 1<br>Type cbc:PercentType<br>Info req.ID tir01-170<br>Bus req.ID tbr01-004              | Term name BII Usage                              | Item VAT rate<br><i>The VAT percentage rate that applies to the ordered item.</i>                             |
| cac:TaxScheme              | Occurrence 1 .. 1<br>Type cac:TaxSchemeType                                                             |                                                  |                                                                                                               |
| cbc:ID                     | Occurrence 1 .. 1<br>Type cbc:IDType<br>Info req.ID 3<br>Example VAT                                    | Term name BII Usage                              | Identifier<br><i>Code for TaxScheme. VAT is the only allowed value</i>                                        |
| cac:AdditionalItemProperty | Occurrence 0 .. unbounded<br>Type cac:ItemPropertyType                                                  |                                                  |                                                                                                               |
| cbc:Name                   | Occurrence 1 .. 1<br>Type cbc:NameType<br>Info req.ID tir01-138<br>Bus req.ID tbr01-029                 | Term name BII Usage                              | Name<br><i>The name of the information.</i>                                                                   |
| cbc:Value                  | Occurrence 1 .. 1<br>Type cbc:ValueType<br>Info req.ID tir01-139<br>Bus req.ID tbr01-029                | Term name BII Usage                              | Value<br><i>The value of the information.</i>                                                                 |
| cbc:ValueQuantity          | Occurrence 0 .. 1<br>Type cbc:ValueQuantityType<br>Info req.ID OP-T01-013                               | Term name BII Usage                              | Quantity<br><i>Property quantity</i>                                                                          |
| unitCode                   | Type xs:normalizedString<br>Use required                                                                | Rules                                            | Must be a valid code according to code list UN/ECE Rec 20                                                     |
| unitCodeListID             | Type xs:normalizedString<br>Use required                                                                | Code List ID:                                    | UNECERec20                                                                                                    |

| Element/Attribute    | Description                                                                                     | Usage                                |                                                                   |
|----------------------|-------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------|
| └─cbc:ValueQualifier | <b>Occurrence</b> 0 .. 1<br><b>Type</b> cbc:ValueQualifierType<br><b>Info req.ID</b> OP-T01-013 | <b>Term name</b><br><b>BII Usage</b> | <b>Qualification of qty</b><br><i>Description of the quantity</i> |

## 12 Appendices

### 12.1 Appendix A

Sample XML files illustrating Use Case 1.

Sample XML files illustrating Use Case 2.

Sample XML files illustrating Use Case 3.

Sample XML files illustrating Use Case 4.

### 12.2 Appendix B

Conformance statement.