Handledning
Svekatalog 2.0

Innehåll

Versioner

Version	Date	Author	Organization	Comment
1.00	2014-08-25	Thomas Pettersson	SFTI Tekniska kansli	Adjust "PEPPOL BIS 1A Catalogue v4" to Svekatalog 2.0

1 Background

The PEPPOL BIS 1A Catalogue v4 document provides a specification for implementing Catalogue and Catalogue Response messages, which both are mandatory in the "PEPPOL BIS 1A Catalogue Only" profile.
After a round of consultation SFTI Beredningsgrupp concluded that Catalogue Response, as it is specified today, is unsuitable as a mandatory message in Swedish public sector. Therefore, SFTI has asked CEN BII3 and OpenPeppol for a new profile excluding Catalogue Response. Awaiting a new profile, SFTI Beredningsgrupp decided to recommend the Catalogue message as a new version of Svekatalog.

SFTI styrgrupp (steering group) decided February 20th 2014 PEPPOL BIS 1A Catalogue v4 **excluding** Catalogue Response, as Svekatalog 2.0.

This document provides specification for Svekatalog 2.0. It follows the Catalogue message parts of PEPPOL BIS 1A with minimal adjustments (like ProfileID and CustomizationID).

Parties may bilaterally decide to use this document, but not to be used within the OpenPeppol infrastructure, unless they decide to additionally support the complete PEPPOL BIS 1A profile.

2 Introduction to OpenPEPPOL and BIS

A BIS is a result of work within OpenPEPPOL and is published as part of the PEPPOL specifications.

This document provides a specification for implementing part of a PEPPOL business process (Catalogue but not Catalogue Response). The original PEPPOL BIS 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 and is based on the CEN WS/BII2 "Profile BII01 Catalogue Only".
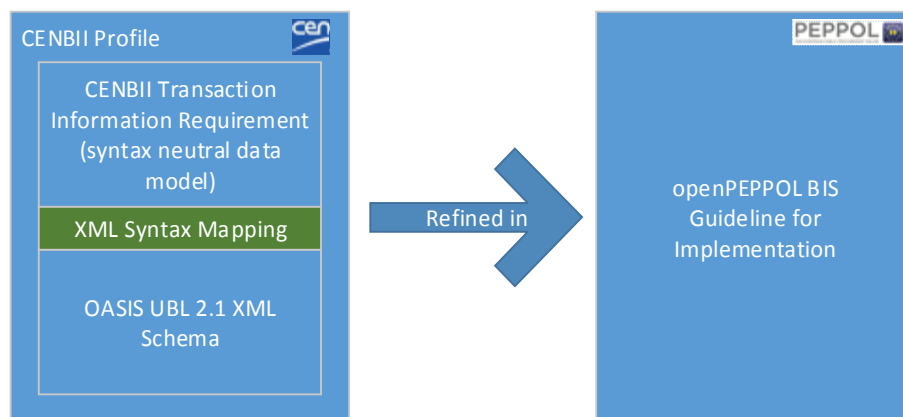
2.1 Audience

The audience for this document is organizations wishing to exchange electronic catalogues, 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

3 References

[PEPPOL]	http://www.peppol.eu/
[PEPPOL_EIA]	http://www.peppol.eu/peppol_components/peppol-eia/eia
[PEPPOL_PostAward]	http://www.peppol.eu/peppol_components/peppol-eia/eia#ict-architecture/post-award-eprocurement/models
[PEPPOL_Transp]	http://www.peppol.eu/peppol_components/peppol-eia/eia#ict-architecture/transport-infrastructure/models

[CEN_BII]	http://www.cen.eu/cwa/bii/specs
[CEN_BII2]	http://www.cenbii.eu
[COMMON BIS]	To be developed
[BII_Cataloge]	ftp://ftp.cen.eu/public/CWAs/BII2/CWA16561/CWA16561-Annex-A-BII-Profile-01-CatalogueOnly-V2_0_0.pdf
[BII_CatalogueModel]	A browsable HTML version: http://spec.cenbii.eu/BII2/fxhtml/Trdm019-Catalogue/g_1.htm?http://spec.cenbii.eu/BII2/fxhtml/Trdm019-Catalogue/g_5.htm

[UBL]	http://docs.oasis-open.org/ubl/prd3-UBL-2.1/UBL-2.1.html
[UBL_Catalogue]	http://docs.oasis-open.org/ubl/prd3-UBL-2.1/xsd/maindoc/UBL-Catalogue-2.1.xsd

[Schematron]	http://www.schematron.com
[XSLT]	http://www.w3.org/TR/xslt20/

[DIR_2006/112/EC]	Council Directive 2006/112/EC of 28 November 2006 on the common system of value added tax, found at: http://eurlex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32006L0112:EN:NOT

[EIF]	European Interoperability Framework 2.0, found at: http://ec.europa.eu/isa/library/index_en.htm http://ec.europa.eu/isa/documents/isa_annex_ii_eif_en.pdf

[GS1 Keys]	http://www.gs1.org/barcodes/technical/id_keys

4 Principles and prerequisites

4.1 Business Process in scope

This specification supports a process for suppliers to send a catalogue. It is intended to support transmission of electronic catalogue-messages for processing in semi-automated processes by the receiver. The specification mandates no procurement related data but supports different ways of referring to products and services. By selective use of such references it can be used as basis for automated processing of ordering and invoicing.

The intended scope for the specification is:
- B2B and B2G
- Common business processes for cross industry and cross border procurement
- Regional procurement within EU and EEA
- For supporting purchase of goods and services and/or services that can be itemized.

This specification supports a set of "common use cases / process". These are processes that are used widely or understood as being relevant for most companies.

The main activities supported by this specification are:
- Description of goods and services
- Maintaining content of framework contract
- Item comparison
- Item dependency and composition
- Description of packaging and storage requirements
- VAT classification
- Item instance description
- Maintenance of catalogue

This specification supports requirements by providing elements for information needed to meet the requirement. This specification also provides a set of business rules to clarify content and implementers can use them as basis for validation where it provides business value.

4.2 Catalogue - Benefits

Catalogues are used as basis for maintenance of information about products and services that are part of a contract, like a framework agreement.
- The buyer (or a catalogue provider on his behalf) can present the information in a web shop where he can ensure correctness of product description, prices and other terms that may apply.
- The supplier can provide the customer with correct information at all times and ensure high data quality in orders based on the catalogue he prepares.
- Implementing the catalogue provides the possibility of designing fully automated purchasing flows in which the electronic documents can be validated and matched automatically, thereby saving resources compared to manual processing.
- Implementation of a catalogue can be the first step in automating the purchasing process followed by an order and an invoice, leading to entire purchasing process running from sourcing, ordering and invoicing to payment.

This specification is based on the CEN/ISSS WS/BII2 Profile BII01 specification, see [BII_Catalogue], but with the exclusion of Catalogue Response message.

4.3   Parties and roles

Business partners	Description
Customer	The customer is the legal person or organization who is in demand of a product or service. Examples of customer roles: buyer, consignee, debtor, contracting authority.
Supplier	The supplier is the legal person or organization who provides a product or service. Examples of supplier roles: seller, consignor, creditor, economic operator.

Role/actor	Description
Catalogue Provider	Represents a party sending catalogues to receivers, being the supplier or on behalf of the supplier. The Catalogue Provider has to ensure that the latest catalogue is sent to the receiver.
Catalogue Receiver	Represents a party receiving catalogues and maintaining or updating them as appropriate.
Buyer	The buyer is the legal person or organization acting on behalf of the customer and who buys or purchases the goods or services.
Seller	The seller is the legal person or organization acting on behalf of the supplier and who sells goods or services to the customer.

The following diagram links the business processes to the roles performed by the Business Partners:
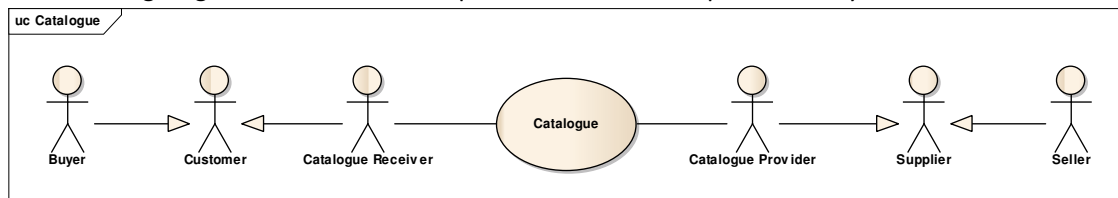
5 Business requirements

5.1 Process requirements

ID	Requirement
bpr01-071	The catalogue should be regarded as the Sellers standing offer, and the Seller is thereby obligated to supply the catalogue items according to the terms identified in the catalogue.
bpr01-072	Catalogue transactions are subordinate to the contracts/agreements on which they are based.
bpr01-073	The Seller is obligated to provide catalogue transactions updating items when item attributes change in the targeted catalogue, according to agreements.
bpr01-075	A receiver must implement a transaction if it conforms to an agreement.
bpr01-055	The Catalogue Provider sends a transaction to establish or maintain a catalogue at the Catalogue Receiver side.
bpr01-051	It is the Catalogue Provider's responsibility that data contained in the catalogue transaction is valid from a technical as well as a business point of view, as, it is the task of the Catalogue Provider to gather and to compile the data for the catalogue at the selling side.
bpr01-054	It is the Catalogue Receiver's responsibility to compile received catalogue transactions, if agreed to, into a catalogue, as it is the task of the Catalogue Receiver to incorporate the catalogue data in the procurement systems at the buying side.

Note. Please note that rejection of a catalogue transaction in this specification is dealt with under a separate process, probably a manual one.

5.2   Information requirements

5.2.1   Catalogue transaction business requirements

5.2.1.1   General

ID	Requirement
tbr19-058	The transaction (catalogue) must contain all information necessary for its application i.e. it shall not rely on the availability of external references such as a centralised repository of item information. To ease the processing of a catalogue as no external data sources are needed.
tbr19-059	It must be possible to check the integrity and authentication of the information content and to audit these aspects of the content. To check that the catalogue is authentic.

5.2.1.2 Header

ID	Requirement
tbr19-071	A catalogue transaction must contain an identifier for the catalogue it represents or updates
tbr19-001	An indicator for the catalogue revision may be specified. To support updating the catalogue after the first submission a revision indicator is sometimes needed to differentiate the catalogue versions. This indicator ensures the catalogue provider (CP) and catalogue receiver (CR) always refer to the correct and valid version of the catalogue.
tbr19-002	It must be possible to specify a name of the catalogue. Some catalogues have a special name used in the common communication. Sometimes the name refers to a special event the catalogue is created for.
tbr19-003	It must be possible to specify the period of time the catalogue is valid. A catalogue without a stated validity period is assumed to be valid until it is cancelled. Sometimes products are offered only for a certain period of time or the prices for the product are assured to be fixed by the CP only during this period of time.
tbr19-006	It must be possible to specify the contract on which the catalogue is based on. Sometimes a catalogue is provided according to a contract, e.g., a framework agreement (FWA). In such a FWA further requirements on the catalogue may be specified. A catalogue transaction either refers to one contract/agreement or none.
tbr19-007	The party providing the catalogue must be specified. To check, if the catalogue comes from or is sent on behalf of the right CP. The party may be the supplier or a dedicated third party acting on behalf of the supplier.
tbr19-010	The party receiving the catalogue must be specified. To check, if the catalogue sent to the same CR as specified in the catalogue.
tbr19-015	It must be possible to specify who offers the items described in the catalogue and how this party can be contacted (mail, e-mail, phone, etc.). Only one supplier is allowed to be specified. As the catalogue provider can differ from the supplier itself, e.g., the supplier outsourced all catalogue services to a catalogue provider, the supplier has to be specified as well. This party is the actual Economic Operator the Contracting Authority is doing business with.
tbr19-062	A catalogue must have information that makes it possible to reference specific instances of the catalogue.
tbr19-066	The party that sells the products that are listed in the catalogue must be identifiable with information including name, address, identifiers as well as contact information.
tbr19-067	The party that is allowed to buy the products that are listed in the catalogue must be identifiable with information including name and identifiers as well as contact information.
tbr19-075	It must be possible to specify whether a catalogue is new, to be updated or to be replaced.

5.2.1.3 Item

ID	Requirement
tbr19-040	An item in a Product or Service Catalogue must have a name and be uniquely identifiable by at least one single language-independent token. This includes such id provided by the CP itself as well as a manufacturer's id and an id coming from standard identification schemes. Ensure that the item can be referenced, e.g., in the order. The id can be used in the order, which makes it easier to process the order by the supplier and helps to deliver the correct item that was ordered by the buyer.
tbr19-050	It must be possible to specify how the item has to be processed by the catalogue receiver. This includes the following options: adding the item to the catalogue, replacing an existing item in a catalogue sent before, and deleting an item in a catalogue sent before. If no action is specified it has to be considered as a new item. It is intended to provide a synchronization mechanism between the catalogue of the catalogue provider and the catalogue receiver.
tbr19-041	It must be possible to specify the period of time the item is valid. If no validity period is specified, the item description is valid until it is cancelled. The same as in tbr19-003, but on the item level. This allows to have items with different validity periods in the same catalogue. Otherwise, for every a validity period a separate catalogue would need to be provided.
tbr19-018	It must be possible to refer an item to the corresponding classes from one or more classification systems. Often, the usage of a classification system, e.g., CPV, UNSPSC, eCl@ss, or GS1 GPC, is mandatory or widely used in practice. By this requirement, it should be possible to use any classification systems mandated by Contracting Authorities or legal frameworks.
tbr19-019	It must be possible to specify the (semantic) relationships and cardinalities between different items in the catalogue. In particular, in must be possible to specify part-of relationships and required (additional) items. Some items are not offered by a supplier individually. They are either only useful together with another item or refer in some manner to a specific item. Examples for such items are accessories belonging to and only applicable with another item or replacement items to replace broken components of an item. (In future version of BII other relationships may be added, e.g., replacement items, complementary items, or accessories.)
tbr19-042	It must be possible to specify, if and how an item can be ordered. This includes allowed units of measure, order sizes, minimal and maximal order sizes, etc. Due to restriction from the production process or to simplify or to limit the costs of the ordering and logistics process the order size is restricted. Thus, the buyer needs information to place a correct order that is not denied by the supplier.
tbr19-023	It must be possible to specify how the delivered items will be packaged. To indicate from which number of ordered order units this package unit will be delivered.
tbr19-029	It must be possible to specify hazard indicators for an item by any indicator system. If an item can be a danger to people or the environment, so called hazardous goods, often legal requirements demand that such items have indicators to indicate the danger that come from this item. Furthermore, such items require special handling in the logistics process.
tbr19-030	It must be possible to specify logistic conditions and other needed service information on how the item will be delivered. This includes information on maximum and minimum storage temperature, information needed for cross-border logistics processes. To define the work or services to be done for each package unit along the supply chain.
tbr19-033	It must be possible to specify the manufacturer of the item. In particular, for the case where the supplier is different from the manufacturer of the item.
tbr19-034	It must be possible to specify how the item is priced, and what VAT percentage applies. This includes factors that have influence on the price as well as relationships to other parts of the catalogue that may have impact on the price. The price is not always fixed, but dependent on many factors, e.g., order size, delivery region (down to the city level), allowance, charges, currency, etc. Prices must not be negative.
tbr19-046	The price specification must allow to compare the prices of different items within the catalogue as well as across catalogues. To allow the comparison of the price of different items. Helps the buyer to

ID	Requirement
	make the buying decision.
tbr19-048	It must be possible to specify the period of time an item price is valid. If no validity period is specified, the price is valid until cancelled. The same as in tbr19-003, but on the item level. This allows to have items with different validity periods in the same catalogue. This does not mean, that the item will expire. It only means, that after this period the item has to be ordered for a different price.
tbr19-049	It must be possible to specify a delivery location on line level, with address, city, post code, etc., so that all details on each line are dependent on this location, including price, tax and other specifications. Needed to support the buying decision, to see how much has to be paid in the end.
tbr19-035	It must be possible to provide information on the product marking, e.g., to indicate that environmental or social requirements on the item production were followed. Procurement managers need information about environmental marking applicable for a given item in order to ensure that environmental, ecological, food safety and basic human rights aspects were respected. On the other side, sales managers wish to provide this kind of information, e.g., for marketing purposes.
tbr19-043	It must be possible to specify if and when an item becomes obsolete. This allows the suppliers to indicate that an item is not produced and delivered any more or until a certain point in time. By giving this information, it is prevented that the buyer orders items that will not be delivered any more. This requirement has a different meaning than tbr19-048. Tbr19-048 concerns the validity of the price. In tbr19-043 the "validity" refers on the item, i.e., product or service, when it will not be available. This means, the item itself will not be available and delivered by the supplier any more (to any condition).
tbr19-044	It must be possible to specify a description of the item or where such a description can be found. To provide a written text describing the item. May be helpful for the buyer to order the items fitting his needs best.
tbr19-045	It must be possible to specify keywords for an item. To support searching for an item by the buyer, so that the item can be found easier and faster that fits his needs best.
tbr19-047	It must be possible to specify warranty information for the item. Sometimes suppliers offer specific warranties for their items that may be important for the buyer. Providing such information supports the buying decision.
tbr19-063	A catalogue must have information that makes it possible to reference individual catalogue lines.
tbr19-064	A catalogue line must provide for an indicator that clearly states whether the line item can be ordered according to the information given in the line.
tbr19-065	A catalogue line must provide for additional information about items in the form of attachments and external references.
tbr19-068	It must be possible to specify a manufacturing date, a best before date and an expiry date (last date when product may be used or consumed) for an item.
tbr19-069	It must be possible to specify serial numbers, batch numbers and lot numbers for an item.
tbr19-070	It must be possible to include or reference (e.g. by means of a URI) the main image for an item.
tbr19-072	In addition to part-of relationships and required (additional) items there is also a need to identify replaced item. In cases where an old item is replaced by a new one this is frequently reflected in the catalogue by deleting the old item and adding the new item. The new item should then have a reference to the old (replaced) item.
tbr19-073	Products are frequently sold with optional accessories. In addition to part-of relationships and required (additional) items there is also a need to identify these optional accessories in the catalogue.
tbr19-076	It must be possible to state the country of origin for an item.
tbr19-077	It must be possible to indicate that the item is part of a contractual arrangement.

5.2.1.4 Item Property

ID	Requirement
tbr19-038	It must be possible to specify any additional properties of the item not covered by the message itself. Allows to enhance the description of the item and helps this way, inter alia, the buyer to order the item that fits his needs best.
tbr19-037	It must be possible to refer an item property to any property from a product/service classification system, using standardized and predefined properties from accepted standards. Such predefined properties help to improve the description of an offered item, and thus helps the buyer to order the correct item, the item that fits his needs best.
tbr19-039	If an item property is specified, a specific value has to be specified for this item property. The specified value has to hold true for the corresponding item. The specification of a concrete value helps to ensure that the buyer orders the item that fits his needs best.

5.3 Specific OpenPEPPOL requirements

ID:	Business term:	Description:
	HEADER LEVEL:	
OP-T19-019	General payment condition	A Catalogue must support the use of general payment condition.
OP-T19-021	Buyers contact person ID	A catalogue must support the use of ID for buyers contact person. Normally used for "Your reference".
OP-T19-028	Party legal entity for provider	A catalogue must support the use of party legal entity for provider. Used to specify the legal entity of the provider.
OP-T19-029	Postal address for provider	In order to specify exactly who is the provider, the postal address for provider party must be supported in a catalogue
OP-T19-030	Party legal entity for receiver	A catalogue must support the use of party legal entity for receiver. Used to specify the legal entity of the receiver.
OP-T19-031	Postal address for receiver	In order to specify exactly who is the receiver, the postal address for receiver party must be supported in a catalogue
OP-T19-032	Issue date for referenced contract	A catalogue must support the use of issuedate for the referenced contract.
	LINE LEVEL:	
OP-T19-014	Maximum storage humidity	A catalogue must support the use of maximum storage humidity.
OP-T19-015	Minimum storage humidity	A catalogue must support the use of minimum storage humidity
OP-T19-016	Package volume	A catalogue must support the use of package volume
OP-T19-017	Package net weight exact	A catalogue must support the use of exact net weight for package
OP-T19-037	Package net weight approximately	A catalogue must support the use of approximately net weight for package
OP-T19-038	Dimension description	A catalogue must support the use of description for dimension. Used for differentiating dimensions with same attributeID.
OP-T19-018	Brand Name	A catalogue must support the use of brand name for an item
OP-T19-020	Minimum quantity guarantied for delivery	A catalogue must support the use of minimum quantity of an item guaranteed in a delivery

ID:	Business term:	Description:
OP-T19-022	@name for ItemClassificationCode	A catalogue must support the name of the Item classification code
OP-T19-024	Base Quantity	A catalogue must support base quantity for the stated price
OP-T19-035	Orderable Unit Factor Rate	A catalogue must support the use of the factor used to convert Base Quantity into Orderable Unit
OP-T19-027	Transaction conditions	A catalogue must support the use of transaction conditions
OP-T19-036	Contract subdivision	A catalogue must support the use of contract subdivision. Used to reference a subsection of a contract
OP-T19-025	Quantity threshold	A catalogue must support the use of threshold for quantity. Used to indicate the threshold quantity for the given price.
OP-T19-026	Quantity ceiling	A catalogue must support the use of quantity ceiling. Used to indicate maximum quantity for given price.

6   Code lists

6.1   Code lists for coded elements

Table of the code lists used in the Catalogue transaction:

Business Term	Source	Subset	Xpath	listID
Action Code on Line level	CEN BII2		cac:CatalogueLine/cbc:ActionCode	ACTIONCODE:BII2
Action Code on Header Level	PEPPOL		/Catalogue/cbc:ActionCode	ACTIONCODE:PEPPOL **Values** **Add** – Used when a catalogue is sent for the first time to the Catalogue Receiver. **Replace** – Replaces the entire catalogue referring to the contract. **Update** – Updates a current catalogue. **Delete** – Deletes a current catalogue.
Country Code	ISO 3166-1 alpha2		cac:Country/cbc:Identificationcode	ISO3166-1:Alpha2
Unit Of Measure	UN/ECE Rec 20		@unitCode cbc:OrderableUnit	UNECERec20 Note: Use this list identifier in the attribute unitCodelistID
Package Level Code	GS1 7009	PEPPOL	cbc:PackageLevelCode	GS17009:PEPPOL **Values** **CU** – Base Unit level **DU** – Pallet level **TU** – Case level **HN** – Handling Unit
UNDG Code	UN EDIFACT 8273		cbc:UNDGCode	UNCL8273
Transport Handling Unit Type Code	UN/ECE Rec 21		cbc:TransportHandlingUnitTypeCode	UNECERec21
Currency Code	ISO 4217		@currencyID	ISO4217 Note: Do not validate list identifier.

6.1.1   Code lists

CEN BII2 subsets
ftp://ftp.cen.eu/public/CWAs/BII2/CWA16558/CWA16558-Annex-G-BII-CodeLists-V2_0_4.pdf

ISO 3166-1 alpha2:
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

UNEDIFACT 8273
http://www.unece.org/trade/untdid/d08a/tred/tred8273.htm

ISO 4217
http://www.currency-iso.org/dam/downloads/dl_iso_table_a1.xml

UN/EDIFACT 6313
http://www.unece.org/fileadmin/DAM/trade/edifact/code/6313cl.htm

6.1.2 Code lists for identifier schemes

The table of the code lists below describes constrains for the values of schemeID for identifiers in the Catalogue transaction. schemeID indicates what type of identifier is used (for example the type of numbering system) **(Mandatory)**

Business Term	Allowed SchemeID	Applicable Xpath	Note
Party Identifier	See "PEPPOL Policy for using Identifiers"	cbc:EndpointID/@schemeID cac:PartyIdentification/cbc:ID/@schemeID	Check allowed scheme identifiers
Attribute Identifier	UNCL6313	cbc:AttibuteID	Check the scheme identifier is UNCL6313 and the attribute identifiers belong to the list.
Tax Category Identifier	Use UNECE5305 CEN BII2 subset.	cac:ClassifiedTaxCategory/cbc:ID	Note: Validate the ID with the code list provided by CEN BII2. SchemeID attribute must be UNCL5305

7 Business Rules

7.1 Catalogue business rules

Rule ID	Rule	error level
BII2-T19-R001	A catalogue MUST have a customization identifier	fatal
BII2-T19-R002	A catalogue MUST have a profile identifier	fatal
BII2-T19-R003	A catalogue MUST contain the date of issue	fatal
BII2-T19-R004	A catalogue MUST contain the catalogue document identifier	fatal
BII2-T19-R006	A validity period end date MUST be later or equal to a validity period start date if both validity period end date and validity period start date are present	fatal
BII2-T19-R007	The party providing the catalogue MUST be specified	fatal
BII2-T19-R008	The party receiving the catalogue MUST be specified	fatal
BII2-T19-R009	A catalogue MUST have maximum one catalogue supplier	fatal
BII2-T19-R010	A catalogue provider MUST contain the full name or an identifier	fatal
BII2-T19-R011	A catalogue receiver MUST contain the full name or an identifier	fatal
BII2-T19-R012	A catalogue supplier MUST contain the full name or an identifier	fatal
BII2-T19-R013	A catalogue customer MUST contain the full name or an identifier	fatal
BII2-T19-R015	Prices of items MUST not be negative	fatal
BII2-T19-R017	Catalogue line validity period MUST be within the range of the whole catalogue validity period	warning
BII2-T19-R018	Price validity period MUST be within the range of the whole catalogue line validity period	warning
BII2-T19-R019	An item in a catalogue line SHOULD have a name	warning
BII2-T19-R020	An item in a catalogue line MUST be uniquely identifiable by at least one of the following: - Catalogue Provider identifier - Standard identifier	fatal
BII2-T19-R021	Standard Identifiers SHOULD contain the Schema Identifier (e.g. GTIN)	warning
BII2-T19-R022	Classification codes SHOULD contain the Classification scheme Identifier (e.g. CPV or UNSPSC)	warning
BII2-T19-R023	A catalogue MUST have at least one catalogue line	fatal
BII2-T19-R024	A catalogue line MUST contain a unique line identifier	fatal
BII2-T19-R026	Orderable quantities MUST be greater than zero	fatal
BII2-T19-R027	An item property data name MUST specify a data value	fatal
BII2-T19-R029	Maximum quantity MUST be greater than zero	warning
BII2-T19-R030	Minimum quantity MUST be greater than zero	warning
BII2-T19-R031	Maximum quantity MUST be greater or equal to the Minimum quantity	warning
EUGEN-T19-R043	An endpoint identifier MUST have a scheme identifier attribute	fatal
EUGEN-T19-R044	A party identifier MUST have a scheme identifier attribute	fatal

Rule ID	Rule	error level
EUGEN-T19-R045	A catalogue line action code MUST have a list identifier attribute "ACTIONCODE:BII2"	fatal
EUGEN-T19-R046	A catalogue header action code MUST have a list identifier attribute "ACTIONCODE:PEPPOL"	fatal
EUGEN-T19-R047	A country identification code MUST have a list identifier attribute "ISO3166-1:Alpha2"	fatal
EUGEN-T19-R048	A unit code attribute MUST have a unit code list identifier attribute "UNECERec20"	fatal
EUGEN-T19-R049	A classified tax category identifier MUST have a scheme identifier attribute "UNCL5305"	fatal
EUGEN-T19-R050	A package level code MUST have a list identifier attribute "GS17009:PEPPOL"	fatal
EUGEN-T19-R051	A UNDG code MUST have a list identifier attribute "UNCL8273"	fatal
EUGEN-T19-R053	An attribute identifier MUST have an scheme identifier "UNCL6313"	fatal

7.2   Code lists business rules

Rule ID	Rule	Error level
CL-T19-001	The action code for a catalogue line MUST be Add, Update or Delete if present	fatal
CL-T19-002	For Mime code in attribute use MIME Media Type	fatal
CL-T19-004	Tax categories MUST be coded using UN/ECE 5305 code list	fatal
OP-T19-001	Country codes in a catalogue MUST be coded using ISO code list 3166-1 alpha2	fatal
OP-T19-002	Unit code MUST be coded according to the UN/ECE Recommendation 20	fatal
OP-T19-003	UNDG MUST be coded according to the UN EDIFACT 8273 code list	fatal
OP-T19-005	An Endpoint Identifier Scheme MUST be from the list of PEPPOL Party Identifiers.	fatal
OP-T19-006	An Party Identifier Scheme MUST be from the list of PEPPOL Party Identifiers	fatal
OP-T19-007	An action code at header level MUST be from the PEPPOL action code list.	fatal
OP-T19-008	A package level code MUST be from the PEPPOL subset of GS1 7009 code list.	fatal
OP-T19-009	An attribute identifier MUST be from the UN EDIFACT 6313 code list.	fatal
OP-T19-010	Orderable unit code MUST be coded according to the UN/ECE Recommendation 20	fatal
OP-T19-011	Currency ID MUST be coded using ISO code list 4217	fatal
OP-T19-012	languageID MUST be coded using ISO code list 639-1	fatal
OP-T19-013	A Party Company Identifier Scheme MUST be from the list of PEPPOL Party Identifiers	fatal

8 Differences between this specification and BII2 and Svekatalog 1

8.1 Features added as extensions or changes to BII2

Restrictions made in form of new business rules are not listed in this section, for these we refer to chapter 7 and the Conformance statement document. Descriptions of the new requirements are found in chapter 5.3.

Business term	Svekatalog 1->2	Requested by	UBL binding
Contracted item indicator	In Svekatlog 1	Sweden	Catalogue/cac:CatalogueLine/cac:Item/cac:TransactionConditions/ cbc:ActionCode. ActionCode="CT" Contracted item indicator
Contract subdivision	New	Denmark	Used to reference subsection of contract Catalogue/cac:CatalogueLine/cbc:ContractSubdivision
External item specifiations type	New	Norway	Catalogue/cac:CatalogueLine/cac:Item/ cac:ItemSpecificationDocumentReference/cbc :DocumentTypeCode. Changed from cbc:DocumentDescription in BII.
Maximum storage humidity	In Svekatlog 1	Sweden	Catalogue/cac:CatalogueLine/cac:Item/cac:Dimension/ cbc:MaximumMeasure.
Minimum storage humidity	In Svekatlog 1	Sweden	Catalogue/cac:CatalogueLine/cac:Item/cac:Dimension/ cbc:MinimumMeasure.
Package volume	In Svekatlog 1	Sweden	Catalogue/cac:CatalogueLine/cac:Item/cac:Dimension/cbc:Measure AttributeID=ABJ
Package net weight exact	In Svekatlog 1	Sweden	Catalogue/cac:CatalogueLine/cac:Item/cac:Dimension/cbc:Measure AttributeID=AAF
Package net weight approximately	In Svekatlog 1	Sweden	Catalogue/cac:CatalogueLine/cac:Item/cac:Dimension/cbc:Measure AttributeID=AAL
Dimension description	In Svekatlog 1	Sweden	Catalogue/cac:CatalogueLine/cac:Item/cac:Dimension/cbc:Description
Brand Name	In Svekatlog 1	Sweden	Catalogue/cac:CatalogueLine/cac:Item/cbc:BrandName
General payment condition	New	Italy	Catalogue cac:TradingTerms/cbc:Information
Minimum quantity guarantied for delivery	New	Italy	Catalogue/cac:CatalogueLine/cac:Itemcac:AdditionalItemProperty/ cbc:ValueQuantity
Contact Person ID	New	Norway	Catalogue/cac:ContractorCustomerParty/cac:Party/cac:Contact/ cbc:ID
@name for ItemClassificationCode	In Svekatlog 1	Sweden	Catalogue/cac:CatalogueLine/cac:Item/cac:CommodityClassification/ cbc:ItemClassificationCode/@name
Base Quantity	In Svekatlog 1	Sweden	Catalogue/cac:CatalogueLine/ cac:RequiredItemLocationQuantity/cbc:BaseQuantity
Orderable Unit Factor Rate	New	Denmark	Catalogue/cac:CatalogueLine/cac:RequiredItemLocationQuantity/ cac:Price/cbc:OrderableUnitFactorRate. Factor to convert Base Quantity to an Orderable Unit.
Quantity threshold	In Svekatlog 1	Sweden	Catalogue/cac:CatalogueLine/ cac:RequiredItemLocationQuantity/cbc:MinimumQuantity
Quantity ceiling	In Svekatlog 1	Sweden	Catalogue/cac:CatalogueLine/ cac:RequiredItemLocationQuantity/cbc:MaximumQuantity
Transaction conditions	In Svekatlog 1	Sweden	Catalogue/cac:CatalogueLine/cac:Item/cac:TransactionConditions/ cbc:ID and cbc:ActionCode ActionCode="VQ": Variable measure indicator ActionCode="RC": Returnable unit, indicator ActionCode="SER": Trade item is a service ActionCode="MTO": Trade item is produced after it has been ordered
Party Legal Entity for provider	New	Denmark	Catalogue/cac:ProviderParty/cac:PartyLegalEntity
Postal Address for Provider	New	Denmark	Catalogue/cac:ProviderParty/cac:PostalAddress
Party Legal Entity for Receiver	New	Denmark	Catalogue/cac:ReceiverParty/cac:PartyLegalEntity
Postal address for Receiver	New	Denmark	Catalogue/cac:ReceiverParty/cac:PostalAddress

Svekatalog 2.0

Business term	Svekatalog 1->2	Requested by	UBL binding
Issue date for referenced contract	New	Denmark	Catalogue/cac:ReferencedContract/cbc:IssueDate
Issuer Party name for certificate	New	Common	Catalogue/cac:CatalogueLine/cac:Item/cac:Certificate/cac:Issuer Party/ cac:PartyName. Composite element IssuerParty is mandatory in UBL.
DocumentTypeCode for certificate	New	Common	Catalogue/cac:CatalogueLine/cac:Item/cac:Certificate/ cbc:CertificateTypeCode. Certificate Type Code is mandatory in UBL.
Consumable Unit Quantity	New	Common	Changed UBL binding to: Catalogue/cac:CatalogueLine/cac:CatalogueItem/cbc:PackSizeN umeric
Validity period for Price	In Svekatlog 1	Sweden	Changed UBL binding to: Catalogue/cac:CatalogueLine/cac:RequiredItemLocationQuantit y/ cac:Price/cac:ValidityPeriod
Item Net quantity	New	Common	Changed UBL binding to: Catalogue/cac:CatalogueLine/cbc:ContentUnitQuantity
ExtendedID	Not in Svekatlog 1	Common	Removed element Catalogue/cac:CatalogueLine/cac:Item/ cac:SellersItemIdentification/cbc:ExtendedID to be in compliance with other BIS documents.
Catalogue name	New		Catalogue/cbc:Name
Catalogue version	New		Catalogue/cbc:VersionID
Contract Issue date	New		Catalogue/cac:ReferencedContract/cbc:IssueDate
Provider Party Electronic address ID	New		Catalogue/cac:ProviderParty/cbc:EndpointID
Provider Party Postal Adress	New		Catalogue/cac:ProviderParty/ cbc:StreetName cbc:AdditionalStreetName cbc:CityName cbc:PostalZone cbc:CountrySubentity cac:Country cbc:IdentificationCode

Provider legal registration
 	
Provider legal registration name
Provider legal registration identifier
 	
Provider legal registration city
Provider legal registration country
	New		Catalogue/cac:ProviderParty/
			cac:PartyLegalEntity/
			  cbc:RegistrationName
			  cbc:CompanyID
			  cac:RegistrationAddress
			    cbc:CityName
			    cac:Country
			      cbc:IdentificationCode

Receiver Party Electronic address ID	New		Catalogue/cac:ReceiverParty/cbc:EndpointID
Receiver Party Postal Adress	New		Catalogue/cac: ReceiverParty/cac:PostalAddress/ cbc:StreetName cbc:AdditionalStreetName cbc:CityName cbc:PostalZone cbc:CountrySubentity cac:Country/ cbc:IdentificationCode

Receiver legal registration
 	
Receiver legal registration name
Receiver legal registration identifier
 	
Receiver legal registration city
Receiver legal registration country
	New		Catalogue/cac: ReceiverParty/
			cac:PartyLegalEntity/
			  cbc:RegistrationName
			  cbc:CompanyID
			  cac:RegistrationAddress
			    cbc:CityName
			    cac:Country/
			      cbc:IdentificationCode

Seller Supplier Party	New		

Business term	Svekatalog 1->2	Requested by	UBL binding
Seller Supplier Party Electronic address ID	New		Catalogue/cac:SellerSupplierParty /cac:Party/cbc:EndpointID
Seller Supplier Party Party identifier	New		Catalogue/cac:SellerSupplierParty /cac:Party/ cac:PartyIdentification/cbc:ID
Seller Supplier Party Party name	New		Catalogue/cac:SellerSupplierParty /cac:Party/cac:PartyName/ cbc:Name
Seller Supplier Party Postal Adress	New		Catalogue/cac: SellerSupplierParty/cac:PostalAddress/ cbc:StreetName cbc:AdditionalStreetName cbc:CityName cbc:PostalZone cbc:CountrySubentity cac:Country/ cbc:IdentificationCode
Seller Supplier Party Contact Contact person name Contact telephone number Contact fax number Contact email address	New		Catalogue/cac: SellerSupplierParty/cac:Contact/ cbc:Name cbc:Telephone cbc:Telefax cbc:ElectronicMail
Contractor Customer Party	New		
Contractor Customer Party Electronic address ID	New		Catalogue/cac:ContractorCustomerParty /cac:Party/cbc:EndpointID
Contractor Customer Party Party identifier	New		Catalogue/cac: ContractorCustomerParty/cac:Party/ cac:PartyIdentification/cbc:ID
Contractor Customer Party Party name	New		Catalogue/cac: ContractorCustomerParty/cac:Party/cac:PartyName/ cbc:Name
Seller Supplier Party Postal Adress	New		Catalogue/cac: ContractorCustomerParty/cac:PostalAddress/ cbc:StreetName cbc:AdditionalStreetName cbc:CityName cbc:PostalZone cbc:CountrySubentity cac:Country/ cbc:IdentificationCode
Contractor Customer Party Contact Contact ID Contact person name Contact telephone number Contact fax number Contact email address	New		Catalogue/cac: ContractorCustomerParty/cac:Contact/ cbc:ID cbc:Name cbc:Telephone cbc:Telefax cbc:ElectronicMail
General payment conditions	New		Catalogue/cac:TradingTerms/cbc:Information
Orderable unit	New place for T0137		Catalogue/cac:CatalogueLine/cbc:OrderableUnit
OBS Inte helt klar.			

8.2 Features changed between Svekatalog 1 and Svekatalog 2.

Restrictions made in form of new business rules are not listed in this section, for these we refer to chapter 7 and the Conformance statement document. Descriptions of the new requirements are found in chapter 5.3.

Business term	Requested by	UBL binding
Contracted item indicator	Sweden	Catalogue/cac:CatalogueLine/cac:Item/cac:TransactionConditions/ cbc:ActionCode. ActionCode="CT" Contracted item indicator

9   Process and typical scenarios

9.1   Use case 1 – New Catalogue

This use case includes a simple catalogue containing mandatory information and information required to get a high performance from the buyers search engine. The catalogue contains both products and services. This is the first catalogue to the receiver.

Use Case No	1
Use Case Name	A new catalogue from the Seller.
Use Case Description	The provider sends a catalogue to the receiver. The catalogue contains the articles that the buyer and seller have agreed on in a contract. This is the first catalogue being sent on this contract.
Parties involved	Catalogue Provider (same legal entity as the Supplier/Seller in this use case) Catalogue Receiver (same legal entity as the Customer/Buyer in this use case)

Assumptions	1. The Seller and the Buyer have a contract of products and services that the buyer may purchase from the Seller.
	2. The parties have agreed to exchange the catalogue message
	3. The articles are
	    a. Physical articles (pens and papers)
	    b. Fruits
	    c. Services

The flow	1. The Seller identifies the contracted items 2. The Provider creates a Catalogue message 3. The Provider sends the message to the Receiver 4. The Buyer verifies the content in the message consider to accept or reject the catalogue. 5. Assuming that the Catalogue is accepted, the Buyer inserts the articles from the catalogue message in the local ERP-system.
Result	1. The Buyer have all the articles and the contracted prices in the ERP-system and may start ordering 2. The ordering process is easy when you have all necessary information in the ERP-system. *Please note that the ordering process is not part of this specification. For ordering, please see Sveorder BIS 28A.*
XML example file	See Annex A for sample Catalogue file illustrating Use Case 1.

9.2   Use case 2 – Catalogue update and rejection

This is an **Update** of the catalogue based on Use case 1.

Use Case No	2
Use Case Name	Catalogues update from the provider and reject from the receiver.
Use Case Description	The provider sends a catalogue update to the receiver. The catalogue contains changes in the previous catalogue. After receiving the catalogue, the buyer rejects the catalogue by contacting the supplier.
Parties involved	Catalogue Provider (same legal entity as the Supplier/Seller in this use case) Catalogue Receiver (same legal entity as the Customer/Buyer in this use case)
Assumptions	1. The Seller has previously sent a catalogue to the Buyer.

	2. The Seller wants to update the catalogue
	    a. One article is updated (GTIN is added)
	    b. One new article is added
	    c. One article is deleted

The flow	1. The Seller identifies the items to be in the Catalogue update 2. The Provider creates a Catalogue message 3. The Provider sends the message to the Receiver 4. The Buyer verifies the content in the message and considers to accept or reject the catalogue. 5. In this Use case the Buyer has reason to reject the catalogue. The Buyer initiates a dialogue to resolve the matter, but the process to be used falls outside of the scope of this document.
Result	1. The Buyer did not insert the changes in the ERP-system 2. The Seller needs to correct the information in his ERP-system.
XML example file	See Annex A for sample Catalogue file illustrating Use Case 2.

9.3   Use case 3 – Replace of catalogue

This is a **Replace** of the catalogue based on Use case 1 and 2.

Use Case No	3
Use Case Name	Catalogues replace.
Use Case Description	The provider sends a catalogue replace to the receiver. The catalogue contains all the contracted items and replaces the previous accepted catalogue.
Parties involved	Catalogue Provider (same legal entity as the Supplier/Seller in this use case) Catalogue Receiver (same legal entity as the Customer/Buyer in this use case)

Assumptions	1. The Seller has previously sent a new catalogue to the Buyer which has been accepted.
	2. The Seller has sent an update of the catalogue which was rejected via a non-structured e-mail by the buyer
	3. The Seller sends a replace catalogue
	    a. All articles that the supplier has identified in the contract, including the new one in the rejected catalogue.
	    b. One article from the previous accepted catalogue is not in this catalogue.
	    c. Three more new articles are added. Shampoo presented in a hierarchy.

The flow	1. The Seller identifies the items to be in the Catalogue replace 2. The Provider creates a Catalogue message 3. The Provider sends the message to the Receiver 4. The Buyer verifies the content in the message and accepts the catalogue (no message is sent).
Result	1. The Buyer has all the articles and the contracted prices in the ERP-system and may start ordering 2. The ordering process is easy when you have all necessary information in the ERP-system. *Please note that the ordering process is not part of this specification. For ordering, please see Sveorder BIS 28A.*
XML example file	See Annex A for sample Catalogue file illustrating Use Case 3.

9.4   Use case 4 – Catalogue deletion

This is a **Deletion** of the catalogue based on Use case 3.

Use Case No	4
Use Case Name	Catalogue deletion.
Use Case Description	The provider sends a catalogue deletion to the receiver. The catalogue deletes the previous catalogue.
Parties involved	Catalogue Provider (same legal entity as the Supplier/Seller in this use case) Catalogue Receiver (same legal entity as the Customer/Buyer in this use case)
Assumptions	1. The Seller has previously sent a catalogue to the Buyer. 2. The Seller and the Buyer have ended their contract
The flow	1. The Seller identifies the current active catalogue to be deleted 2. The Provider creates a Catalogue message 3. The Provider sends the message to the Receiver 4. The Buyer verifies the content in the message. 5. The Buyer, in his ERP system, deactivates the items identified in the catalogue message.
Result	1. The Buyer can no longer make en order to the supplier from this catalogue.
XML example file	See Annex A for sample Catalogue file illustrating Use Case 4.

9.5   Use case 5 – Catalogue with all possible information and positive response

This is an Update of a previous sent catalogue and not based on any of the other uses cases. The catalogue includes all possible information in a catalogue using this specification. Some information may not be relevant, but is in the catalogue for giving an example.

Use Case No	5
Use Case Name	Catalogue with all information.
Use Case Description	The provider sends a catalogue update to the receiver.
Parties involved	Catalogue Provider Supplier/Seller Catalogue Receiver Customer/Buyer
Assumptions	1. The Seller has previously sent a catalogue to the Buyer. 2. The Seller needs to send a new article to update the previous catalogue.
The flow	1. The Seller identifies the article to be added 2. The Provider creates a Catalogue message 3. The Provider sends the message to the Receiver 4. The Buyer verifies the content in the message and considers the catalogue acceptable. 5. The Buyer inserts/updates the information from the catalogue message in the local ERP-system.
Result	1. The Buyer have the articles and the contracted prices in the ERP-system and may start ordering *Please note that the ordering process is not part of this Specification. For ordering, please see Sveorder BIS 28A.*
XML example file	See Annex A for sample Catalogue file illustrating Use Case 5.

10   Description of selected parts of the catalogue message

10.1   Parties

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

10.1.1   Catalogue Provider (ProviderParty)

The party that is responsible for the preparation and transfer of the Catalogue to the Catalogue receiver. Can be the Supplier itself or a third party providing this service.

Example:

```
<cac:ProviderParty>
        <cbc:EndpointID schemeID="GLN">5790000436125</cbc:EndpointID>
        <cac:PartyIdentification>
                <cbc:ID schemeID="NO:ORGNR">968993038</cbc:ID>
        </cac:PartyIdentification>
        <cac:PartyName>
                <cbc:Name>Office AS</cbc:Name>
        </cac:PartyName>
</cac:ProviderParty>
```

10.1.2   Catalogue Receiver (ReceiverParty)

The party that is responsible for the reception and control of the Catalogue. Can be the Customer itself or a third party providing this service to the Customer.

Example:

```
<cac:ReceiverParty>
        <cbc:EndpointID schemeID="NO:ORGNR">991825827</cbc:EndpointID>
        <cac:PartyIdentification>
                <cbc:ID schemeID="NO:ORGNR">991825827</cbc:ID>
        </cac:PartyIdentification>
        <cac:PartyName>
                <cbc:Name>DIFI</cbc:Name>
        </cac:PartyName>
</cac:ReceiverParty>
```

10.1.3   Supplier (SellerSupplierParty)

The party that is responsible for the delivery of products or services specified in the Catalogue.

Example:

```
<cac:SellerSupplierParty>
        <cac:Party>
                <cac:PartyName>
                        <cbc:Name>Office AS</cbc:Name>
                </cac:PartyName>
                <cac:PostalAddress>
                        <cbc:StreetName>Office street 12</cbc:StreetName>
                        <cbc:CityName>oslo</cbc:CityName>
                        <cbc:PostalZone>1163</cbc:PostalZone>
                        <cbc:CountrySubentity>Oslo</cbc:CountrySubentity>
                        <cac:Country>
                                <cbc:IdentificationCode listID="ISO3166-1:Alpha2">NO
                                </cbc:IdentificationCode>
                        </cac:Country>
                </cac:PostalAddress>
                <cac:Contact>
                        <cbc:ElectronicMail>kontor@online.no</cbc:ElectronicMail>
                </cac:Contact>
```

```
        </cac:Party>
</cac:SellerSupplierParty>
```

10.1.4 Buyer (ContractorCustomerParty)

The party buying products or services from the Catalogue.
Example:

```
        <cac:ContractorCustomerParty>
                <cac:Party>
                        <cbc:EndpointID/>
                        <cac:PartyIdentification>
                                <cbc:ID schemeID="DK:CVR">DK16356706</cbc:ID>
                        </cac:PartyIdentification>
                        <cac:PartyName>
                                <cbc:Name>DIGST</cbc:Name>
                        </cac:PartyName>
                        <cac:Contact>
                                <cbc:ElectronicMail>postmottak@digst.dk</cbc:ElectronicMail>
                        </cac:Contact>
                </cac:Party>
        </cac:ContractorCustomerParty>
```

10.1.5 Manufacturer (ManufacturerParty)

The name of the Manufacturer.
Example:

```
        <cac:ManufacturerParty>
                <cac:PartyName>
                        <cbc:Name>FICTIVE INDUSTRY INC</cbc:Name>
                </cac:PartyName>
        </cac:ManufacturerParty>
```

10.2 Other key elements

10.2.1 Action code

The Action code holds instructions about the treatment of the Catalogue by the recipients system. The Action code can be stated either on header or line level. Please be aware that the below mentioned are codes, and hence the correct use of upper and lower case must be used. Example: Replace is valid, REPLACE is not valid.
Legal codes on Catalogue header level:

- Add – Used when a catalogue is sent for the first time to the Catalogue Receiver referring to the contract in the header of the catalogue.
- Replace – Replaces the entire catalogue referring to the contract. This is the default action.
- Update – Updates a current catalogue.
- Delete – deletes the entire catalogue

Example : `<cbc:ActionCode listID="ACTIONCODE:PEPPOL">Replace</cbc:ActionCode>`

Legal codes on Catalogue Line level:

- Add – Used to add items to the catalogue.
- Update – Used to update an item. The entire Catalogue Line is updated. Only used if Action code on header level is Update
- Delete – Used to delete an entire Catalogue line. Only used if Action code on header level is Update.

It is important to note that when updating or deleting on line level, the key identifier is the item ID (sellers item identification or standard item identification, see chapter 10.2.2.), not the line ID. If CatalogueLineReference is

used in the corresponding order message (outside scope of this BIS), the numbering of Line ID must be consistent in all versions of the catalogue.

Example:
        <cbc:ActionCode listID="ACTIONCODE:BII2">Update</cbc:ActionCode>

10.2.2   Item identification

Item identification must be sent using the identifiers described below.
- Sellers item identification
- Standard item identification, e.g. GTIN
- Manufacturers item identification which is necessary when the same product is bought from several suppliers.

Either Sellers item identification or Standard item identification must be sent. Manufacturer's item identification shall be sent if available. Which identifier to use depends on what is known at the time of catalogue exchange or what is commonly used in the relevant business sector.

Example 1, Sellers item identification:
                <cac:SellersItemIdentification>
                        <cbc:ID>2451015</cbc:ID>
                </cac:SellersItemIdentification>

Example 2, Standard item identification:
                <cac:StandardItemIdentification>
                        <cbc:ID schemeID="GTIN">05790000436040</cbc:ID>
                </cac:StandardItemIdentification>

10.2.3   Hazardous item
If an item is classified as Hazardous item, a reference to the relevant UNDG-code must be stated and further specification must be provided in an attached document or on a web-site (URI).
Example:

        <cac:HazardousItem>
                <cbc:UNDGCode listID="UNCL8273">3265</cbc:UNDGCode>
        </cac:HazardousItem>

10.2.4   Item name and description

The Item name shall be sent in tag <Item/Name> on line level. It is the short description of an item commonly used in ERP-systems. An item name should make it possible for the user to distinguish between similar items. The Item name is often sent in the order from buyer to seller. The field length could be an agreement between parties, to make sure the supporting systems can handle the length.

<Item/Description> is used to provide additional relevant description of the item, in free text.

Example:
<cac:Item>
        <cbc:Description> Ballpoint pen, comes in different colours and tip sizes</cbc:Description>
        <cbc:PackQuantity unitCode="CT" unitCodeListID="UNECERec20">10</cbc:PackQuantity>
        <cbc:Name> Ballpoint pen. Blue colour 0.7 mm</cbc:Name>
</cac:Item>

10.2.5 Classification

An item may be classified according to UNSPSC being the mandatory public classification schemes in some countries/sectors. Products can also be classified according to regulatory schemes or classification schemes used in certain business sectors. The type of classification shall be stated in the attribute "listID". In some cases there is a need to add the name of the Item classification Code by using the attribute "name"

Example:
```
<cac:CommodityClassification>
        <cbc:ItemClassificationCode listID="UNSPSC">44121701</cbc:ItemClassificationCode>
</cac:CommodityClassification>
```

10.2.6 Keyword

Keywords are sent to let the Buyer search for an item without knowing the item identification or name. Keywords tag can be repeated (0..n), but the number should be limited to ensure correct handling in the receiving system.

It is also possible to send several keywords in the same tag, by using a separator between the different keywords. Which separator that should be used, must be agreed between the parties. Example of a separator can be the %-sign, as this is not used anywhere else.

Example of several keywords by using several <KeyWord>-tags:
```
<cac:Item>
        <cbc:Description>Day cream</cbc:Description>
        <cbc:PackQuantity unitCode="EA">50</cbc:PackQuantity>
        <cbc:Name>Ultimate Day cream, 250 ml</cbc:Name>
        <cbc:Keyword>Moisturizer</cbc:Keyword>
        <cbc:Keyword>Balm</cbc:Keyword>
        <cbc:Keyword>Lotion</cbc:Keyword>
        <cac:SellersItemIdentification>
                <cbc:ID>654321</cbc:ID>
        </cac:SellersItemIdentification>
</cac:Item>
```

Example of several keywords using "%" as separator:

```
<cbc:Keyword>write equipment%felt pen</cbc:Keyword>
```

10.2.7 Quantities and units

The table below lists quantities and units in the format. To all quantities there must be a legal Unit according to the Code list. For xml-examples for quantities and units, we refer to appendix A, test files.

Element /xPath	Description
/cac:CatalogueLine/cbc:OrderableUnit	Unit code for the line item. Mandatory if the item is orderable. Code according to Code list
/cac:CatalogueLine/cbc:ContentUnitQuantity	Quantity in consumable unit E.g. millilitre in bottle of shampoo.
/cac:CatalogueLine/cbc:OrderQuantityIncrementNumeric	Possible limitation to the number of articles that can be ordered. If the Quantity increment is 6 the

	article must be ordered in a quantity of 6, 12, 18 etc.
/cac:CatalogueLine/cbc:MinimumOrderQuantity	The smallest number of items that can be ordered (most often 1).
/cac:CatalogueLine/cbc:MaximumOrderQuantity	The largest number of items that can be ordered (most often not used).
/cac:CatalogueLine/cac:ItemComparison/cbc:Quantity	Quantity related to Price comparison.
/cac:CatalogueLine/cac:Item/cbc:PackQuantity	Number of items on next lower level, e.g. number of Consumer units in a Trading unit.
/cac:CatalogueLine/cac:Item/cbc:PackSizeNumeric	Number of Consumer units. E.g. number of bottles on a Pallet.
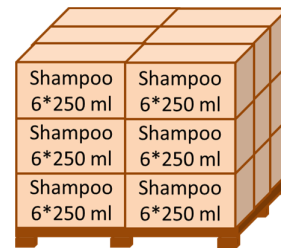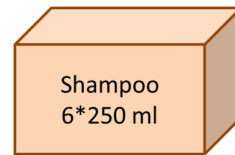
	1 bottle	Case of 6 bottles	Pallet of 18 cases
Line identifier	4	5	6
Supplier Item identifier	1111	111	11
Item Name	Shampoo 250 ml	6x250 ml Shampoo	Shampoo
Orderable unit	EA	CS	PF
Packaging level	CU	TU	DU
Packed units		EA	CS
Packed quantity		6	18
Consumable unit	EA	EA	EA
Consumable unit quantity	1	6	108
ItemNetQuantity	250	1500	27000
Unit	MLT	MLT	MLT
MinimumOrderQuantity	1	1	1
Unit	EA	EA	EA
Component related item Identifier		1111	111
Component related item quantity		6	18

	Pack of 500 sheets paper	Case of 5 packs paper	Pallet of 18 cases copypaper
Line identifier	7	8	9
Supplier Item identifier	A	AA	AAA
Item Name	500 copy paper	5*500 Copy paper	Pallet of paper
Orderable unit	EA	CS	PX
Packaging level	CU	TU	DU
Packed units		EA	EA
Packed quantity		5	18
Consumable unit	EA	EA	EA
Consumable unit quantity	1	5	90
ItemNetQuantity	500	2500	45000
Unit	EA	EA	EA
MinimumOrderQuantity	1	1	1
Unit	EA	EA	EA
Component related item Identifier		A	AA
Component related item quantity		5	18

10.2.8   Prices

All prices in the format are related to the article or service within this Catalogue identified by an item identification. The following prices can be stated:

- Net price including all discounts and charges but excluded VAT.
- Item comparison price defining price for a certain quantity. Used for comparing prices for different articles with various quantities.
- Conditional price related to a specific location, validity period or ordered quantity.
- Approximate price. The current price will be set on the order date. Commonly used for fruit, vegetables, fresh fish etc.

Example:

```
<cac:RequiredItemLocationQuantity>
        <cbc:LeadTimeMeasure unitCode="DAY">2</cbc:LeadTimeMeasure>
        <cac:Price>
                <cbc:PriceAmount currencyID="NOK">20.0000</cbc:PriceAmount>
        </cac:Price>
        <cac:DeliveryUnit>
                <cbc:BatchQuantity>1</cbc:BatchQuantity>
                <cbc:ConsumerUnitQuantity unitCode="EA" unitCodeListID="UNECERec20">1
                </cbc:ConsumerUnitQuantity>
        </cac:DeliveryUnit>
</cac:RequiredItemLocationQuantity>
```

10.2.8.1 Prices Types in SFTI (Denna del kan komma att ändras. Gäller placering av kvalificerare)

In Sweden, SFTI has specified different types of prices. This is how it's implementd in Svekatalog 2:

To declare that an item is contracted use:
Catalogue/cac:CatalogueLine/cac:Item/cac:TransactionConditions/cbc:ActionCode.

ActionCode="CT"

Example:
```
<cac:TransactionConditions>
        <cbc:ID>true</cbc:ID>
        <cbc:ActionCode>CT</cbc:ActionCode>
</cac:TransactionConditions>
```

To declare that the price may be changed since the last catalogue (Current price/Aktuellt pris). This may be the case for items where prices changes every day, i.e. vegetables and fresh fish, use:
Catalogue/cac:CatalogueLine/cac:RequiredItemLocationQuantity/cac:Price/cbc:PriceType.
PriceType="CP"

Example:
```
<cac:Price>
        <cbc:PriceAmount currencyID="SEK">124.88</cbc:PriceAmount>
        <cbc:PriceType>CP</cbc:PriceType>
</cac:Price>
```

To declare that a price is due to a campaign (commonly supplier's promotion during a limited period of time):
Catalogue/cac:CatalogueLine/cac:RequiredItemLocationQuantity/cac:Price/cbc:PriceType.
PriceType="PRP"

Example:
```
<cac:Price>
        <cbc:PriceAmount currencyID="SEK">110.00</cbc:PriceAmount>
        <cbc:PriceType>PRP</cbc:PriceType>
</cac:Price>
```

To declare that the price is discounted (supplier's list price – discount):
Catalogue/cac:CatalogueLine/cac:RequiredItemLocationQuantity/cac:Price/cbc:PriceType.
PriceType="DPR"

Example:
```
<cac:Price>
        <cbc:PriceAmount currencyID="SEK">120.88</cbc:PriceAmount>
        <cbc:PriceType>DPR</cbc:PriceType>
</cac:Price>
```

To declare that the price is **not** discounted (it's the supplier's list price):
Catalogue/cac:CatalogueLine/cac:RequiredItemLocationQuantity/cac:Price/cbc:PriceType.
PriceType="LIU"

Example:
```
<cac:Price>
        <cbc:PriceAmount currencyID="SEK">130</cbc:PriceAmount>
        <cbc:PriceType>LIU</cbc:PriceType>
</cac:Price>
```

To declare that the price is not defined and will be set when the item is manufactured:
Catalogue/cac:CatalogueLine/cac:RequiredItemLocationQuantity/cac:Price/cbc:PriceType.
PriceType="BAP"

Example:

```
<cac:Price>
        <cbc:PriceAmount currencyID="SEK">1.00</cbc:PriceAmount>
        <cbc:PriceType>BAP</cbc:PriceType>
</cac:Price>
```

A combination of these gives you different type of prices:

Combination	Meaning
Contracted Item= true Price type not given	Kontraktspris. Contracted Item and contracted price
Contracted Item = true Price type = CP	Aktuellt pris, avtalat. Contracted Item but the price may change.
Contracted Item = false Price type = DPR	Rabatterat listpris. Discounted price. Note: changed compared to Svekatalog 1.
Contracted Item = false Price type = CP	Aktuellt pris, rabatterat. Discounted price but the price may change.
Contracted Item = false Pricetype = LIU	Listpris, Suppliers list price
Contracted Item = true Pricetype = PRP	Kampanjpris för avtalad artikel. Contracted Item and campaign price
Contracted Item = false Pricetype = PRP	Kampanj för ej avtalad artikel. Not contracted Item and campaign price
Contracted Item = false Pricetype = BAP	Pris ej satt, kundorderbaserad artikel. Price is not defined for items that will be manufactured to order.

10.2.9   Lead time (ledtid) in SFTI

In PEPPOL BIS 1A Catalogue v4 you find lead time in the term
Catalogue/cac:CatalogueLine/cac:RequiredItemLocationQuantity/cbc:LeadTimeMeasure which defines the total time from order to delivery to the described location. This is not used in SFTI.

In SFTI another definition of lead time is used: Number of **days** before the item is ready to be delivered from the suppliers location; it is only used for items not in stock.
In Svekatalog 2 AdditionalItemProperty is used for this purpose where Name is "LeadTime_ReadyForDelivery_Days" and Value is the number of days:

Exempel
```
<cac:AdditionalItemProperty>
        <cbc:Name>LeadTime_ReadyForDelivery_Days</cbc:Name>
        <cbc:Value>4</cbc:Value>
</cac:AdditionalItemProperty>
```

10.2.10 Item labelling

Information about the items environmental, social, ethical and quality type of labelling.
Example:

```
<cac:Certificate>
        <cbc:ID>NEO</cbc:ID>
        <cbc:CertificateTypeCode>NA</cbc:CertificateTypeCode>
        <cbc:CertificateType>Environment</cbc:CertificateType>
        <cbc:Remarks languageID="no">Den nordiske Svanen</cbc:Remarks>
        <cac:IssuerParty>
                <cac:PartyName>
                        <cbc:Name>Den Nordiske Svanen</cbc:Name>
                </cac:PartyName>
        </cac:IssuerParty>
        <cac:DocumentReference>
                <cbc:ID>BAL</cbc:ID>
        </cac:DocumentReference>
</cac:Certificate>
```

10.2.11 Related items

Items can be related to each other for ordering or logistic purposes. All related items must also be sent as separate Catalogue lines. Sellers article number is the only permitted type of article number.
Types of relations:

- Products that are bundled and ordered/invoiced together, e.g. bottles and deposits.
- Products that are connected in a product line or a logistics structure, e.g. consumer units and trading units of the same article.
- Accessories that might be sold together with a product, e.g. disk station to a laptop.

Example - The current item consists of 6 of Sellers article number 7690211, and 5 of article 523467:

```
<cac:ComponentRelatedItem>
        <cbc:ID>7690211</cbc:ID>
        <cbc:Quantity>6</cbc:Quantity>
</cac:ComponentRelatedItem>
<cac:ComponentRelatedItem>
        <cbc:ID>523467</cbc:ID>
        <cbc:Quantity>5</cbc:Quantity>
</cac:ComponentRelatedItem>
```

10.2.12 Logistics information

The Logistics elements can be used to specify different pack levels for the same item:

- Each pack level is regarded as a unique item and must be sent as a separate Catalogue line and identified with a unique identification such as GTIN.
- Information about pack level is done in the element PackLevelCode on line level. The Pack level codes are based on the Edifact/Eancom-standard and the following codes are available:
  - DU = Dispatch Unit
  - HN = Handling Unit (level between TU and DU).
  - TU = Traded Unit
  - CU = Consumer Unit
- It should be stated if the pack level is orderable.
- The relation between pack levels should be specified by using Component Related Item, e.g. that a Dispatch unit contains Traded units. For the higher level Packed Quantity should be used.

Example:

```
<cbc:PackLevelCode listID="GS17009:PEPPOL">TU</cbc:PackLevelCode>
```

10.2.13 Dimension

Physical properties are important for logistics. The following values can be stated:
- Height (HT)
- Width (WD)
- Length (LN)
- Weight (WT)
- Net Volume (AAX)

For some items it is important to inform about storage regulations. The following values can be stated:
- Temperature
- Humidity

Example:

```
<cac:Dimension>
        <cbc:AttributeID schemeID="UNCL6313">HT</cbc:AttributeID>
        <cbc:Measure unitCode="MMT">270</cbc:Measure>
</cac:Dimension>
<cac:Dimension>
        <cbc:AttributeID schemeID="UNCL6313">LN</cbc:AttributeID>
        <cbc:Measure unitCode="MMT">300</cbc:Measure>
</cac:Dimension>
```

10.2.14 Additional properties

Additional properties are meant for product properties that cannot be sent in any of the defined elements in this specification. Additional properties consist of the Name of the property and the actual Value.
Example of additional properties:
- Color
- Allergens.
  Legal values: YES, NO, UNKNOWN, FREE.
- Nutrition.
  Stated with amount per 100 g/ml.
- Genetically modified.
  Legal values: True, False

```
<cac:AdditionalItemProperty>
        <cbc:Name>Color</cbc:Name>
        <cbc:Value>Red</cbc:Value>
        <cbc:ValueQualifier>Color</cbc:ValueQualifier>
</cac:AdditionalItemProperty>
```

10.2.15 Replaced item
Replaced item is used to identify an existing item being replaced by an item in this Catalogue.

```
<cac:ReplacedRelatedItem>
```

```
                    <cbc:ID>12345</cbc:ID>
                    <cbc:Quantity unitCode="EA" unitCodeListID="UNECERec20">5</cbc:Quantity>
            </cac:ReplacedRelatedItem>
```

11   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 following policies apply to this specification:

11.1   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.

Example of using GS1 GLN (Global Location Number) as PartyIdentification:

```
<cac:PartyIdentification>
        <cbc:ID schemeID="GLN">4035811991014</cbc:ID>
</cac:PartyIdentification>
```

11.1.1   Using Danish organization number as PartyIdentification

In Denmark parties often are identified by a company organization number. This can be used for all parties.

The following examples denotes 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>
```

11.1.2   Using Swedish organization number as PartyIdentification

In Sweden parties often are identified by a company organization number. This can be used for all parties.

```
<cac:PartyIdentification>
        <cbc:ID schemeID="SE:ORGNR">5541277711</cbc:ID>
</cac:PartyIdentification>
```

11.1.3   Using Italian VAT number as PartyIdentification

In Italy parties often are identified by the VAT number. This can be used for all parties.

```
<cac:PartyIdentification>
        <cbc:ID schemeID=" IT:VAT"> IT01234567890</cbc:ID>
</cac:PartyIdentification>
```

11.2   Version ID

This specifikation 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>
```

11.3   Profile ID

The ProfileID identifies the process that the business document is part of. PEPPOL BIS uses the identification system according to BII. As SFTI implements only the Catalogue transaction and not the Catalogue Response, an SFTI-specific suffix has been added the profileID of BII to clearly separate the profiles.

The following process identifier is used for the transactions of this business document:

ProfileID: urn:www.cenbii.eu:profile:bii01:ver2.0#urn:www.sfti.se:svekatalog:ver2.0

For implementers: Please note that process identifiers in the document instance MUST correspond to the SMP process identifier.

11.4   Customization ID

The PEPPOL Customization ID identifies the specification of content and rules that apply to the transaction.
This business document has required some minor additions and changes to the CEN BII transaction. Following the CEN BII 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|extend
ed|partly):<extensionId>].
```

Where:
- ▶ Transaction ID: `urn:www.cenbii.eu:transaction:biitrns019:ver2.0`
- ▶ Extension ID: `urn:www.sfti.se:svekatalog:ver2.0`

CustomizationID to use:
`urn:www.cenbii.eu:transaction:biitrns019:ver2.0:extended:urn:www.sfti.se:svekatalog:ver2.0`

Example of usage:

> <cbc:CustomizationID>
> urn:www.cenbii.eu:transaction:biitrns019:ver2.0:extended:urn:www.sfti.se:svekatalog:ver2.0
> </cbc:CustomizationID>

For implementers: Please note that CustomizationID element in the document instance MUST correspond to the Customization ID of the SMP Document Identifier.

11.5   Namespaces

The target namespace for the UBL2.1 Catalogue is:
> **urn:oasis:names:specification:ubl:schema:xsd:Catalogue-2**

1   XML Schema Guideline and information content

1.1   Catalogue message

Occurrence	Element/Attribute	BII Business Term	Busine ss req.
	Catalogue		
1 .. 1	**cbc:UBLVersionID**		
1 .. 1	**cbc:CustomizationID**	Customization identifier	tir19-002
1 .. 1	**cbc:ProfileID**	Profile identifier	tir19-001
1 .. 1	**cbc:ID**	Catalogue identifier	tir19-003
0 .. 1	**cbc:ActionCode**	Catalogue action code	tir19-047
0 .. 1	**cbc:Name**	Catalogue name	tir19-005
1 .. 1	**cbc:IssueDate**	Catalogue issue date	tir19-006
0 .. 1	**cbc:VersionID**	Catalogue version	tir19-004
1 .. 1	**cac:ValidityPeriod**		
0 .. 1	**cbc:StartDate**	Period start date	tir19-007
0 .. 1	**cbc:EndDate**	Period end date	tir19-008
0 .. 1	**cac:ReferencedContract**		
1 .. 1	**cbc:ID**	Reference identifier	tir19-028
0 .. 1	**cbc:IssueDate**	Contract Issue date	OP-T19-032
0 .. 1	**cbc:ContractType**	Reference type	tir19-052
0 .. 1	**cac:SourceCatalogueReference**		
1 .. 1	**cbc:ID**	Source catalogue identifier	tir19-019
1 .. 1	**cac:ProviderParty**		
0 .. 1	**cbc:EndpointID**	Electronic address ID	tir19-009
0 .. 1	**cac:PartyIdentification**		
1 .. 1	**cbc:ID**	Party identifier	tir19-010
0 .. 1	**cac:PartyName**		
1 .. 1	**cbc:Name**	Party name	tir19-011
0 .. 1	**cac:PostalAddress**		
0 .. 1	**cbc:StreetName**	Address line 1	OP-T19-029a
0 .. 1	**cbc:AdditionalStreetName**	Address line 2	OP-T19-029b
0 .. 1	**cbc:CityName**	City	OP-T19-029c
0 .. 1	**cbc:PostalZone**	Post code	OP-T19-029d
0 .. 1	**cbc:CountrySubentity**	Country Subdivision	OP-T19-029e
0 .. 1	**cac:Country**		
0 .. 1	**cbc:IdentificationCode**	Country code	OP-T19-029f
0 .. unbounded	**cac:PartyLegalEntity**		
0 .. 1	**cbc:RegistrationName**	Provider legal registration name	OP-T19-028b
0 .. 1	**cbc:CompanyID**	Provider legal registration identifier	OP-T19-028a
0 .. 1	**cac:RegistrationAddress**		
0 .. 1	**cbc:CityName**	Provider legal registration city	OP-T19-028c
0 .. 1	**cac:Country**		
0 .. 1	**cbc:IdentificationCode**	Provider legal registration country	OP-T19-028d
1 .. 1	**cac:ReceiverParty**		
0 .. 1	**cbc:EndpointID**	Electronic address ID	tir19-012
0 .. 1	**cac:PartyIdentification**		
1 .. 1	**cbc:ID**	Party identifier	tir19-013
0 .. 1	**cac:PartyName**		
1 .. 1	**cbc:Name**	Party name	tir19-014
0 .. 1	**cac:PostalAddress**		
0 .. 1	**cbc:StreetName**	Address line 1	OP-T19-031a
0 .. 1	**cbc:AdditionalStreetName**	Address line 2	OP-T19-031b
0 .. 1	**cbc:CityName**	City	OP-T19-031c
0 .. 1	**cbc:PostalZone**	Post code	OP-T19-031d
0 .. 1	**cbc:CountrySubentity**	Country Subdivision	OP-T19-031e
0 .. 1	**cac:Country**		
0 .. 1	**cbc:IdentificationCode**	Country code	OP-T19-031f

Occurrence	Element/Attribute	BII Business Term	Busine ss req.
0 .. unbounded	**cac:PartyLegalEntity**		
0 .. 1	cbc:RegistrationName	Receiver legal registration name	OP-T19-030b
0 .. 1	cbc:CompanyID	Receiver legal registration identifier	OP-T19-030a
0 .. 1	**cac:RegistrationAddress**		
0 .. 1	cbc:CityName	Receiver legal registration city	OP-T19-030c
0 .. 1	**cac:Country**		
0 .. 1	cbc:IdentificationCode	Receiver legal registration country	OP-T19-030d
0 .. 1	**cac:SellerSupplierParty**		
0 .. 1	**cac:Party**		
0 .. 1	cbc:EndpointID	Electronic address ID	tir19-015
0 .. 1	**cac:PartyIdentification**		
1 .. 1	cbc:ID	Party identifier	tir19-016
0 .. 1	**cac:PartyName**		
1 .. 1	cbc:Name	Party name	tir19-017
0 .. 1	**cac:PostalAddress**		
0 .. 1	cbc:StreetName	Address line 1	tir19-021
0 .. 1	cbc:AdditionalStreetName	Address line 2	tir19-022
0 .. 1	cbc:CityName	City	tir19-023
0 .. 1	cbc:PostalZone	Post code	tir19-024
0 .. 1	cbc:CountrySubentity	Country subdivision	tir19-025
0 .. 1	**cac:Country**		
0 .. 1	cbc:IdentificationCode	Country code	tir19-026
0 .. 1	**cac:Contact**		
0 .. 1	cbc:Name	Contact person name	tir19-027
0 .. 1	cbc:Telephone	Contact telephone number	tir19-030
0 .. 1	cbc:Telefax	Contact fax number	tir19-029
0 .. 1	cbc:ElectronicMail	Contact email address	tir19-031
0 .. 1	**cac:ContractorCustomerParty**		
0 .. 1	**cac:Party**		
0 .. 1	cbc:EndpointID	Electronic address ID	tir19-054
0 .. 1	**cac:PartyIdentification**		
1 .. 1	cbc:ID	Party identifier	tir19-055
0 .. 1	**cac:PartyName**		
1 .. 1	cbc:Name	Party name	tir19-079
0 .. 1	**cac:Contact**		
0 .. 1	cbc:ID	Contact ID	OP-T19-021
0 .. 1	cbc:Name	Contact person name	tir19-080
0 .. 1	cbc:Telephone	Contact telephone number	tir19-082
0 .. 1	cbc:Telefax	Contact fax number	tir19-081
0 .. 1	cbc:ElectronicMail	Contact email address	tir19-083
0 .. unbounded	**cac:TradingTerms**		
0 .. unbounded	cbc:Information	General payment conditions	OP-T19-019
1 .. unbounded	**cac:CatalogueLine**		
1 .. 1	cbc:ID	Line identifier	tir19-032
0 .. 1	cbc:ActionCode	Line action code	tir19-033
0 .. 1	cbc:ContractSubdivision	Contract Subdivision	OP-T19-036
0 .. 1	cbc:OrderableIndicator	Orderable indicator	tir19-034
0 .. 1	cbc:OrderableUnit	Orderable unit	tir19-035
0 .. 1	cbc:ContentUnitQuantity	Item net quantity	tir19-061
0 .. 1	cbc:OrderQuantityIncrementNumeric	Order quantity increment	tir19-037
0 .. 1	cbc:MinimumOrderQuantity	Minimum order quantity	tir19-038
0 .. 1	cbc:MaximumOrderQuantity	Maximum order quantity	tir19-039
0 .. 1	cbc:WarrantyInformation	Line warranty information	tir19-040
0 .. 1	cbc:PackLevelCode	Packaging level	tir19-102
0 .. 1	**cac:LineValidityPeriod**		

Occurrence	Element/Attribute	BII Business Term	Busine ss req.
0 .. 1	—cbc:StartDate	Period start date	tir19-041
0 .. 1	—cbc:EndDate	Period end date	tir19-042
0 .. unbounded	cac:ItemComparison		
0 .. 1	—cbc:PriceAmount	Standardized unit price	tir19-043
0 .. 1	—cbc:Quantity	Standard unit quantity	tir19-044
0 .. unbounded	cac:ComponentRelatedItem		
0 .. 1	—cbc:ID	Item identifier	tir19-045
0 .. 1	—cbc:Quantity	Item quantity	tir19-046
0 .. unbounded	cac:AccessoryRelatedItem		
0 .. 1	—cbc:ID	Item identifier	tir19-118
0 .. 1	—cbc:Quantity	Item quantity	tir19-119
0 .. unbounded	cac:RequiredRelatedItem		
0 .. 1	—cbc:ID	Item identifier	tir19-048
0 .. 1	—cbc:Quantity	Item quantity	tir19-049
0 .. unbounded	cac:ReplacedRelatedItem		
0 .. 1	—cbc:ID	Item identifier	tir19-120
0 .. 1	—cbc:Quantity	Item quantity	tir19-121
0 .. unbounded	cac:RequiredItemLocationQuantity		
0 .. 1	—cbc:LeadTimeMeasure	Price lead time	tir19-053
0 .. 1	—cbc:MinimumQuantity	Quantity threshold	OP-T19-025
0 .. 1	—cbc:MaximumQuantity	Quantity ceiling	OP-T19-026
0 .. unbounded	cac:ApplicableTerritoryAddress		
0 .. 1	—cbc:StreetName	Address line 1	tir19-108
0 .. 1	—cbc:AdditionalStreetName	Address line 2	tir19-109
0 .. 1	—cbc:CityName	City	tir19-060 tir19-110
0 .. 1	—cbc:PostalZone	Post code	tir19-111
0 .. 1	—cbc:CountrySubentity	Country subdivision	tir19-112 tir19-062
0 .. 1	—cac:Country		
0 .. 1	—cbc:IdentificationCode	Country code	tir19-063 tir19-113
0 .. 1	cac:Price		
1 .. 1	—cbc:PriceAmount	Item price	tir19-051
0 .. 1	—cbc:BaseQuantity	Base Quantity	OP-T19-024
0 .. 1	—cbc:PriceType	Price type	tir19-093
0 .. 1	—cbc:OrderableUnitFactorRate	OrderableUnit FactorRate	OP-T19-035
0 .. unbounded	cac:ValidityPeriod		
0 .. 1	—cbc:StartDate	Period start date	tir19-056
0 .. 1	—cbc:EndDate	Period end date	tir19-057
1 .. 1	cac:Item		
0 .. unbounded	—cbc:Description	Item description	tir19-067
0 .. 1	—cbc:PackQuantity	Packed quantity	tir19-066 tir19-066
0 .. 1	—cbc:PackSizeNumeric	Consumable unit quantity	tir19-036
0 .. 1	—cbc:Name	Item name	tir19-078
0 .. unbounded	—cbc:Keyword	Item key words	tir19-064
0 .. unbounded	—cbc:BrandName	Brand name	OP-T19-018
0 .. 1	cac:SellersItemIdentification		
1 .. 1	—cbc:ID	Sellers item identifier	tir19-091
0 .. 1	cac:ManufacturersItemIdentification		
1 .. 1	—cbc:ID	Manufacturers item identifer	tir19-114
0 .. 1	cac:StandardItemIdentification		
1 .. 1	—cbc:ID	Items standard identifier	tir19-092
0 .. unbounded	cac:ItemSpecificationDocumentReference		
1 .. 1	—cbc:ID	Attachment ID	tir19-095

Occurrence	Element/Attribute	BII Business Term	Busine ss req.
		Attachment ID	tir19-105
0 .. 1	─cbc:DocumentTypeCode	External Item Specifications Type	tir19-086a
0 .. unbounded	─cbc:DocumentDescription	Attached document description	tir19-096
		Attached item description	tir19-106
0 .. 1	cac:Attachment		
0 .. 1	─cbc: EmbeddedDocumentBinaryObject	Attached object	tir19-097
		Attached object	tir19-107
0 .. 1	cac:ExternalReference		
0 .. 1	└cbc:URI	External item specifications	tir19-086
0 .. 1	cac:OriginCountry		
0 .. 1	─cbc:IdentificationCode	Item origin country	tir19-071
0 .. unbounded	cac:CommodityClassification		
0 .. 1	─cbc:ItemClassificationCode	Commodity classification	tir19-069
0 .. unbounded	cac:TransactionConditions		
0 .. 1	─cbc:ID	Transaction conditions	OP-T19-027
0 .. 1	─cbc:ActionCode		
0 .. unbounded	cac:HazardousItem		
0 .. 1	─cbc:UNDGCode	Hazardous UNDG code	tir19-072
0 .. 1	─cbc:HazardClassID	Hazard class identifier	tir19-073
0 .. 1	cac:ClassifiedTaxCategory		
0 .. 1	─cbc:ID	Item VAT category code	tir19-094
0 .. 1	─cbc:Percent	Item VAT precentage	tir19-050
1 .. 1	cac:TaxScheme		
0 .. 1	└cbc:ID	TaxSchemeID	1
0 .. unbounded	cac:AdditionalItemProperty		
1 .. 1	─cbc:Name	Property name	tir19-076
		Item expiry date	tir19-074
1 .. 1	─cbc:Value	Property value	tir19-077
0 .. 1	─cbc:ValueQuantity	Property unit of measure	tir19-070
		Minimum quantity guaranteed for delivery	OP-T19-020
0 .. unbounded	─cbc:ValueQualifier	Property classification	tir19-103
0 .. 1	cac:ManufacturerParty		
0 .. 1	cac:PartyName		
1 .. 1	└cbc:Name	Manufacturer party name	tir19-075
0 .. unbounded	cac:ItemInstance		
0 .. 1	─cbc:BestBeforeDate	Item best before date	tir19-058
0 .. 1	cac:LotIdentification		
0 .. 1	└cbc:LotNumberID	Item batch identifier	tir19-059
0 .. unbounded	cac:Certificate		
1 .. 1	─cbc:ID	Label name	tir19-087
1 .. 1	─cbc:CertificateTypeCode		
1 .. 1	─cbc:CertificateType	Label type	tir19-089
0 .. 1	─cbc:Remarks	Label value	tir19-088
1 .. 1	cac:IssuerParty		
0 .. unbounded	cac:PartyName		
1 .. 1	└cbc:Name		
0 .. unbounded	cac:DocumentReference		
1 .. 1	─cbc:ID	Label reference	tir19-090
0 .. unbounded	cac:Dimension		
1 .. 1	─cbc:AttributeID		tir19-104
0 .. 1	─cbc:Measure	Height	tir19-098
		Length	tir19-099
		Width	tir19-100
		Weight	tir19-101

Occurrence	Element/Attribute	BII Business Term	Business req.
		Package Net weight approximately	OP-T19-037
		Package Net weight exact	OP-T19-017
		Package volume	OP-T19-016
0 .. unbounded	—cbc:**Description**	Dimension description	OP-T19-038
0 .. 1	—cbc:**MinimumMeasure**	Minimum storage temperature	tir19-115
		Minimum Storage Humidity	OP-T19-015
0 .. 1	—cbc:**MaximumMeasure**	Maximum storage temperature	tir19-116
		Maximum Storage Humidity	OP-T19-014

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Element/Attribute	Description		Usage/Rules/Code lists	
Catalogue	**Type**	CatalogueType		
—— **cbc:UBLVersionID**	**Occurence**	1 .. 1		
	Type	cbc:UBLVersionIDType		
	XML Note	2.1		
—— **cbc:CustomizationID**	**Occurence**	1 .. 1	**Term name**	**Customization identifier**
	Type	cbc:CustomizationIDType	**BII Usage**	*Identifies the specification of content and rules that apply*
	Info req.ID	tir19-002		*to the transaction.*
	XML Note	urn:www.cenbii.eu:transaction:biitrns019:ver2.0:	**Rules**	BII2-T19-R001 - A catalogue MUST have a
		extended:urn: www.sfti.se:svekatalog:ver2.0		customization identifier
—— **cbc:ProfileID**	**Occurence**	1 .. 1	**Term name**	**Profile identifier**
	Type	cbc:ProfileIDType	**BII Usage**	*Identifies the BII profile or business process context in*
	Info req.ID	tir19-001		*which the transaction appears.*
	XML Note	urn:www.cenbii.eu profile:bii01:ver2.0	**Rules**	BII2-T19-R002 - A catalogue MUST have a profile
	#urn:www.sfti.se:svekatalog:ver2.0			identifier
—— **cbc:ID**	**Occurence**	1 .. 1	**Term name**	**Catalogue identifier**
	Type	cbc:IDType	**BII Usage**	*An catalogue instance must contain an identifier. The*
	Info req.ID	tir19-003		*identifier enables positive referencing the document*
	Bus req.ID	tbr19-0062		*instance for various purposes including referencing*
				between transactions that are part of the same process.
			Rules	BII2-T19-R004 - A catalogue MUST contain the
				catalogue document identifier
—— **cbc:ActionCode**	**Occurence**	0 .. 1	**Term name**	**Catalogue action code**
	Type	cbc:ActionCodeType	**BII Usage**	*Identifies how a received catalogue should be used*
	Info req.ID	tir19-047		*against existing catalogue lines sent in previous*
	Bus req.ID	tbr19-075		*catalogues, so that no discrepancies occur between the*
				suppliers and customers information. Describes how to
				treat existing items, not part of the received catalogue
				and those that are included (unchanged, changed or
				deleted). Default action is to fully replace the source
				catalogue.
			Rules	OP-T19-007 - An action code at header level MUST be
				from the PEPPOL action code list
—— *listID*	*Type*	*xs:normalizedString*	*Rules*	*EUGEN-T19-R046 - A catalogue header action code*
	Use	*required*		*MUST have a list identifier attribute "ACTIONCODE:*
				PEPPOL"

Element/Attribute	Description		Usage/Rules/Code lists	
cbc:Name	**Occurence**	0 .. 1	**Term name**	**Catalogue name**
	Type	cbc:NameType	**BII Usage**	*A name of the catalogue for general reference. E.g.*
	Info req.ID	tir19-005		*"Christmas catalogue"*
	Bus req.ID	tbr19-0002		
languageID	*Type*	*xs:language*	*Rules*	*OP-T19-012 - languageID MUST be coded using ISO*
	Use	*optional*		*code list 639-1*
cbc:IssueDate	**Occurence**	1 .. 1	**Term name**	**Catalogue issue date**
	Type	cbc:IssueDateType	**BII Usage**	*The date on which the catalogue instance was issued.*
	Info req.ID	tir19-006		
	Bus req.ID	tbr19-0062	**Rules**	BII2-T19-R003 - A catalogue MUST contain the date of issue
cbc:VersionID	**Occurence**	0 .. 1	**Term name**	**Catalogue version**
	Type	cbc:VersionIDType	**BII Usage**	*The version of the catalogue revision. The version ID is*
	Info req.ID	tir19-004		*used to controll how a Catalogue transaction acts on*
	Bus req.ID	tbr19-0001		*existing lines that are not stated in the transactions.*
				Should they be left alone or deleted. If Catalogue
				transaction is „Replace" then action codes on the line
				have no relevance. All existing lines are deleted and the
				ones stated in the Catalogue transaction added. If
				Catalogue transaction is „Update" then action codes on
				lines controll each line.
cac:ValidityPeriod	**Occurence**	1 .. 1	*Rules*	*BII2-T19-R006 - A validity period end date MUST be*
	Type	cac:PeriodType		*later or equal to a validity period*
				start date if both validity period end date and validity
				period start date are present.
cbc:StartDate	**Occurence**	0 .. 1	**Term name**	**Period start date**
	Type	cbc:StartDateType	**BII Usage**	*The date on which the period starts. The start dates*
	Info req.ID	tir19-007		*counts as part of the period.*
	Bus req.ID	tbr19-0003		
cbc:EndDate	**Occurence**	0 .. 1	**Term name**	**Period end date**
	Type	cbc:EndDateType	**BII Usage**	*The date on which the period ends. The end date counts*
	Info req.ID	tir19-008		*as part of the period.*
	Bus req.ID	tbr19-0003		
			Rules	BII2-T19-R006 – A validity period end date MUST be later or equal to a validity period start date if both validity period end date and validity period start date are present
cac:ReferencedContract	**Occurence**	0 .. 1		
	Type	cac:ContractType		

Element/Attribute	Description		Usage/Rules/Code lists	
cbc:ID	**Occurence** **Type** **Info req.ID** **Bus req.ID**	1 .. 1 cbc:IDType tir19-028 tbr19-0006	**Term name** **BII Usage**	**Reference identifier** *Positive identification of the reference such as a unique identifier.*
cbc:IssueDate	**Occurence** **Type** **Info req.ID**	0 .. 1 cbc:IssueDateType OP-T19-032	**Term name** **BII Usage**	**Contract Issue date** *Issue date for referenced contract*
cbc:ContractType	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:ContractTypeType tir19-052 tbr19-0006	**Term name** **BII Usage**	**Reference type** *The short description of what is reference such as contract type, document type , meter etc.*
cac:SourceCatalogueReference	**Occurence** **Type**	0 .. 1 cac:CatalogueReferenceType		
cbc:ID	**Occurence** **Type** **Info req.ID** **Bus req.ID**	1 .. 1 cbc:IDType tir19-019 tbr19-0062	**Term name** **BII Usage**	**Source catalogue identifier** *Identifies the existing, already received catalogue that this message should be acted upon, so that no discrepancies occur between the suppliers and customers information.*
schemeID	*Type* *Use*	*xs:normalizedString* *optional*		
cac:ProviderParty	**Occurence** **Type**	1 .. 1 cac:PartyType	*Rules*	*BII2-T19-R007 - The party providing the catalogue MUST be specified*
cbc:EndpointID	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:EndpointIDType tir19-009 tbr19-0007	**Term name** **BII Usage** **Rules**	**Electronic address ID** *A catalogue may contain the providing party electronic address. The address can be of any format and the format should be identified in the message.* EUGEN-T19-R043 - An endpoint identifier MUST have a scheme identifier attribute
schemeID	*Type* *Use*	*xs:normalizedString* *required*	*Rules*	*OP-T19-005 - An Endpoint Identifier Scheme MUST be from the list of PEPPOL Party Identifiers.*
cac:PartyIdentification	**Occurence** **Type**	0 .. 1 cac:PartyIdentificationType		
cbc:ID	**Occurence** **Type** **Info req.ID** **Bus req.ID**	1 .. 1 cbc:IDType tir19-010 tbr19-0007	**Term name** **BII Usage** **Rules**	**Party identifier** *Use in the absence of or in addition to Party Name. Use an identifier known to the document recipient.* BII2-T19-R010 - A catalogue provider MUST contain the full name or an identifier EUGEN-T19-R044 – A party identifier MUST have a scheme identifier attribute

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Element/Attribute	Description		Usage/Rules/Code lists	
schemeID	Type Use	xs:normalizedString required	Rules	OP-T19-006 - An Party Identifier Scheme MUST be from the list of PEPPOL Party Identifiers
cac:PartyName	Occurence Type	0 .. 1 cac:PartyNameType		
cbc:Name	Occurence Type Info req.ID Bus req.ID	1 .. 1 cbc:NameType tir19-011 tbr19-0007	Term name BII Usage Rules	Party name *Use in the absence of or in addition to Party Identifier.* BII2-T19-R010 - A catalogue provider MUST contain the full name or an identifier
cac:PostalAddress	Occurence Type	0 .. 1 cac:AddressType		
cbc:StreetName	Occurence Type Info req.ID	0 .. 1 cbc:StreetNameType OP-T19-029a	Term name BII Usage	Address line 1 *The main address line in a postal address usually the street name and number.*
cbc:AdditionalStreetName	Occurence Type Info req.ID	0 .. 1 cbc:AdditionalStreetNameType OP-T19-029b	Term name BII Usage	Address line 2 *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	Occurence Type Info req.ID	0 .. 1 cbc:CityNameType OP-T19-029c	Term name BII Usage	City *The common name of the city where the postal address is. The name is written in full rather than as a code.*
cbc:PostalZone	Occurence Type Info req.ID	0 .. 1 cbc:PostalZoneType OP-T19-029d	Term name BII Usage	Post code *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	Occurence Type Info req.ID	0 .. 1 cbc:CountrySubentityType OP-T19-029e	Term name BII Usage	Country Subdivision *For specifying a region, county, state, province etc. within a country by using text.*
cac:Country	Occurence Type	0 .. 1 cac:CountryType		
cbc:IdentificationCode	Occurence Type Info req.ID	0 .. 1 cbc:IdentificationCodeType OP-T19-029f	Term name BII Usage Rules	Country code *The country where the address is. The country should always be given by using ISO code 3166 alpha 2* OP-T19-001 - Country codes in a catalogue MUST be coded using ISO code list 3166-1 alpha2
listID	Type Use	xs:normalizedString required	Rules	EUGEN-T19-R047 - A country identification code MUST have a list identifier attribute "ISO3166-1:Alpha2"
cac:PartyLegalEntity	Occurence	0 .. unbounded		

Element/Attribute	Description		Usage/Rules/Code lists	
	Type	cac:PartyLegalEntityType		
cbc:RegistrationName	**Occurence** **Type** **Info req.ID**	0 .. 1 cbc:RegistrationNameType OP-T19-028b	**Term name** **BII Usage**	**Provider legal registration name** *The name under which the provider is legally registered.*
cbc:CompanyID	**Occurence** **Type** **Info req.ID**	0 .. 1 cbc:CompanyIDType OP-T19-028a	**Term name** **BII Usage**	**Provider legal registration identifier** *A catalogue may contain the identifier assigned to the party by the national company registrar.*
schemeID	*Type* *Use*	xs:normalizedString required	*Rules*	*OP-T19-013 - A Party Company Identifier Scheme MUST be from the list of PEPPOL Party Identifiers*
cac:RegistrationAddress	**Occurence** **Type**	0 .. 1 cac:AddressType		
cbc:CityName	**Occurence** **Type** **Info req.ID**	0 .. 1 cbc:CityNameType OP-T19-028c	**Term name** **BII Usage**	**Provider legal registration city** *The name of the city where the provider is legally registered.*
cac:Country	**Occurence** **Type**	0 .. 1 cac:CountryType		
cbc:IdentificationCode	**Occurence** **Type** **Info req.ID**	0 .. 1 cbc:IdentificationCodeType OP-T19-028d	**Term name** **BII Usage** **Rules**	**Provider legal registration country** *The country in which the provider is legally registered.* OP-T19-001 - Country codes in a catalogue MUST be coded using ISO code list 3166-1 alpha2
listID	*Type* *Use*	xs:normalizedString required	*Rules*	*EUGEN-T19-R047 - A country identification code MUST have a list identifier attribute "ISO3166-1:Alpha2"*
cac:ReceiverParty	**Occurence** **Type**	1 .. 1 cac:PartyType	***Rules***	*BII2-T19-R008 - The party receiving the catalogue MUST be specified*
cbc:EndpointID	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:EndpointIDType tir19-012 tbr19-0010	**Term name** **BII Usage** **Rules**	**Electronic address ID** *A catalogue may contain the receiving party electronic address. The address can be of any format and the format should be identified in the message.* EUGEN-T19-R043 - An endpoint identifier MUST have a scheme identifier attribute
schemeID	*Type* *Use*	xs:normalizedString required	*Rules*	*OP-T19-005 - An Endpoint Identifier Scheme MUST be from the list of PEPPOL Party Identifiers.*
cac:PartyIdentification	**Occurence** **Type**	0 .. 1 cac:PartyIdentificationType		

Element/Attribute	Description		Usage/Rules/Code lists	
cbc:ID	Occurence	1 .. 1	Term name	Party identifier
	Type	cbc:IDType	BII Usage	*Use in the absence of or in addition to Party Name. Use an identifier known to the document recipient.*
	Info req.ID	tir19-013		
	Bus req.ID	tbr19-0010		
			Rules	BII2-T19-R011 - A catalogue receiver MUST contain the full name or an identifier
				EUGEN-T19-R044 – A party identifier MUST have a scheme identifier attribute
schemeID	*Type*	*xs:normalizedString*	*Rules*	*OP-T19-006 - An Party Identifier Scheme MUST be from the list of PEPPOL Party Identifiers*
	Use	*required*		
cac:PartyName	Occurence	0 .. 1		
	Type	cac:PartyNameType		
cbc:Name	Occurence	1 .. 1	Term name	Party name
	Type	cbc:NameType	BII Usage	*Use in the absence of or in addition to Party Identifier.*
	Info req.ID	tir19-014		
	Bus req.ID	tbr19-0010	Rules	BII2-T19-R011 - A catalogue receiver MUST contain the full name or an identifier
cac:PostalAddress	Occurence	0 .. 1		
	Type	cac:AddressType		
cbc:StreetName	Occurence	0 .. 1	Term name	Address line 1
	Type	cbc:StreetNameType	BII Usage	*The main address line in a postal address usually the street name and number.*
	Info req.ID	OP-T19-031a		
cbc:AdditionalStreetName	Occurence	0 .. 1	Term name	Address line 2
	Type	cbc:AdditionalStreetNameType	BII Usage	*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.*
	Info req.ID	OP-T19-031b		
cbc:CityName	Occurence	0 .. 1	Term name	City
	Type	cbc:CityNameType	BII Usage	*The common name of the city where the postal address is. The name is written in full rather than as a code.*
	Info req.ID	OP-T19-031c		
cbc:PostalZone	Occurence	0 .. 1	Term name	Post code
	Type	cbc:PostalZoneType	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.*
	Info req.ID	OP-T19-031d		
cbc:CountrySubentity	Occurence	0 .. 1	Term name	Country Subdivision
	Type	cbc:CountrySubentityType	BII Usage	*For specifying a region, county, state, province etc. within a country by using text.*
	Info req.ID	OP-T19-031e		
cac:Country	Occurence	0 .. 1		
	Type	cac:CountryType		

Element/Attribute	Description		Usage/Rules/Code lists	
cbc:IdentificationCode	**Occurence** **Type** **Info req.ID**	0 .. 1 cbc:IdentificationCodeType OP-T19-031f	**Term name** **BII Usage**	**Country code** *The country where the address is. The country should always be given by using ISO code 3166 alpha 2*
			Rules	OP-T19-001 - Country codes in a catalogue MUST be coded using ISO code list 3166-1 alpha2
listID	*Type* *Use*	*xs:normalizedString* *required*	*Rules*	*EUGEN-T19-R047 - A country identification code MUST have a list identifier attribute "ISO3166-1:Alpha2"*
cac:PartyLegalEntity	**Occurence** **Type**	0 .. unbounded cac:PartyLegalEntityType		
cbc:RegistrationName	**Occurence** **Type** **Info req.ID**	0 .. 1 cbc:RegistrationNameType OP-T19-030b	**Term name** **BII Usage**	**Receiver legal registration name** *The name under which the receiver is legally registered.*
cbc:CompanyID	**Occurence** **Type** **Info req.ID**	0 .. 1 cbc:CompanyIDType OP-T19-030a	**Term name** **BII Usage**	**Receiver legal registration identifier** *A catalogue may contain the identifier assigned to the party by the national company registrar.*
schemeID	*Type* *Use*	*xs:normalizedString* *required*	*Rules*	*OP-T19-013 - A Party Company Identifier Scheme MUST be from the list of PEPPOL Party Identifiers*
cac:RegistrationAddress	**Occurence** **Type**	0 .. 1 cac:AddressType		
cbc:CityName	**Occurence** **Type** **Info req.ID**	0 .. 1 cbc:CityNameType OP-T19-030c	**Term name** **BII Usage**	**Receiver legal registration city** *The name of the city where the receiver is legally registered.*
cac:Country	**Occurence** **Type**	0 .. 1 cac:CountryType		
cbc:IdentificationCode	**Occurence** **Type** **Info req.ID**	0 .. 1 cbc:IdentificationCodeType OP-T19-030d	**Term name** **BII Usage**	**Receiver legal registration country** *The country in which the receiver is legally registered.*
			Rules	OP-T19-001 - Country codes in a catalogue MUST be coded using ISO code list 3166-1 alpha2
listID	*Type* *Use*	*xs:normalizedString* *required*	*Rules*	*EUGEN-T19-R047 - A country identification code MUST have a list identifier attribute "ISO3166-1:Alpha2"*
cac:SellerSupplierParty	**Occurence** **Type**	0 .. 1 cac:SupplierPartyType	*Rules*	*BII2-T19-R009 - A catalogue MUST have maximum one catalogue supplier*
cac:Party	**Occurence** **Type**	0 .. 1 cac:PartyType		

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Element/Attribute	Description		Usage/Rules/Code lists	
cbc:EndpointID	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:EndpointIDType tir19-015 tbr19-0066	**Term name** **BII Usage**	**Electronic address ID** *A catalogue may contain the rseller supplier party electronic address. The address can be of any format and the format should be identified in the message.*
			Rules	EUGEN-T19-R043 - An endpoint identifier MUST have a scheme identifier attribute
schemeID	*Type* *Use*	*xs:normalizedString* *required*	*Rules*	*OP-T19-005 - An Endpoint Identifier Scheme MUST be from the list of PEPPOL Party Identifiers.*
cac:PartyIdentification	**Occurence** **Type**	0 .. 1 cac:PartyIdentificationType		
cbc:ID	**Occurence** **Type** **Info req.ID** **Bus req.ID**	1 .. 1 cbc:IDType tir19-016 tbr19-0066	**Term name** **BII Usage**	**Party identifier** *Use in the absence of or in addition to Party Name. Use an identifier known to the document recipient.*
			Rules	BII2-T19-R012 - A catalogue supplier MUST contain the full name or an identifier EUGEN-T19-R044 – A party identifier MUST have a scheme identifier attribute
schemeID	*Type* *Use*	*xs:normalizedString* *required*	*Rules*	*OP-T19-006 - An Party Identifier Scheme MUST be from the list of PEPPOL Party Identifiers*
cac:PartyName	**Occurence** **Type**	0 .. 1 cac:PartyNameType		
cbc:Name	**Occurence** **Type** **Info req.ID** **Bus req.ID**	1 .. 1 cbc:NameType tir19-017 tbr19-0066	**Term name** **BII Usage** **Rules**	**Party name** *Use in the absence of or in addition to Party Identifier.* BII2-T19-R012 - A catalogue supplier MUST contain the full name or an identifier
cac:PostalAddress	**Occurence** **Type**	0 .. 1 cac:AddressType		
cbc:StreetName	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:StreetNameType tir19-021 tbr19-0066	**Term name** **BII Usage**	**Address line 1** *The main address line in a postal address usually the street name and number.*
cbc:AdditionalStreetName	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:AdditionalStreetNameType tir19-022 tbr19-0066	**Term name** **BII Usage**	**Address line 2** *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.*

Element/Attribute	Description		Usage/Rules/Code lists	
cbc:CityName	Occurence	0 .. 1	Term name	City
	Type	cbc:CityNameType	BII Usage	The common name of the city where the postal address
	Info req.ID	tir19-023		is. The name is written in full rather than as a code.
	Bus req.ID	tbr19-0066		
cbc:PostalZone	Occurence	0 .. 1	Term name	Post code
	Type	cbc:PostalZoneType	BII Usage	The identifier for an addressable group of properties
	Info req.ID	tir19-024		according to the relevant national postal service, such as
	Bus req.ID	tbr19-0066		a ZIP code or Post Code.
cbc:CountrySubentity	Occurence	0 .. 1	Term name	Country subdivision
	Type	cbc:CountrySubentityType	BII Usage	For specifying a region, county, state, province etc.
	Info req.ID	tir19-025		within a country by using text.
	Bus req.ID	tbr19-0066		
cac:Country	Occurence	0 .. 1		
	Type	cac:CountryType		
cbc:IdentificationCode	Occurence	0 .. 1	Term name	Country code
	Type	cbc:IdentificationCodeType	BII Usage	The country where the address is. The country should
	Info req.ID	tir19-026		always be given by using ISO code 3166 alpha 2
	Bus req.ID	tbr19-0066		
			Rules	OP-T19-001 - Country codes in a catalogue MUST be
				coded using ISO code list 3166-1 alpha2
listID	Type	xs:normalizedString	Rules	EUGEN-T19-R047 - A country identification code MUST
	Use	required		have a list identifier attribute "ISO3166-1:Alpha2"
cac:Contact	Occurence	0 .. 1		
	Type	cac:ContactType		
cbc:Name	Occurence	0 .. 1	Term name	Contact person name
	Type	cbc:NameType	BII Usage	The name of the contact person.
	Info req.ID	tir19-027		
	Bus req.ID	tbr19-0066		
cbc:Telephone	Occurence	0 .. 1	Term name	Contact telephone number
	Type	cbc:TelephoneType	BII Usage	A phone number for the contact person. If the person
	Info req.ID	tir19-030		has a direct number, this is that number.
	Bus req.ID	tbr19-0066		
cbc:Telefax	Occurence	0 .. 1	Term name	Contact fax number
	Type	cbc:TelefaxType	BII Usage	A fax number for the contact persons.
	Info req.ID	tir19-029		
	Bus req.ID	tbr19-0066		

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Element/Attribute	Description		Usage/Rules/Code lists	
└── cbc:ElectronicMail	Occurence Type Info req.ID Bus req.ID	0 .. 1 cbc:ElectronicMailType tir19-031 tbr19-0066	Term name BII Usage	**Contact email address** *The e-mail address for the contact person. If the person has a direct e-mail this is that email.*
cac:ContractorCustomerParty	Occurence Type	0 .. 1 cac:CustomerPartyType		
cac:Party	Occurence Type	0 .. 1 cac:PartyType		
cbc:EndpointID	Occurence Type Info req.ID Bus req.ID	0 .. 1 cbc:EndpointIDType tir19-054 tbr19-0067	Term name BII Usage	**Electronic address ID** *A catalogue may contain the receiving party electronic address. The address can be of any format and the format should be identified in the message.*
			Rules	EUGEN-T19-R043 - An endpoint identifier MUST have a scheme identifier attribute
└── schemeID	Type Use	xs:normalizedString required	Rules	*OP-T19-005 - An Endpoint Identifier Scheme MUST be from the list of PEPPOL Party Identifiers.*
cac:PartyIdentification	Occurence Type	0 .. 1 cac:PartyIdentificationType		
cbc:ID	Occurence Type Info req.ID Bus req.ID	1 .. 1 cbc:IDType tir19-055 tbr19-0067	Term name BII Usage	**Party identifier** *Use in the absence of or in addition to Party Name. Use an identifier known to the document recipient.*
			Rules	BII2-T19-R013 - A catalogue customer MUST contain the full name or an identifier EUGEN-T19-R044 – A party identifier MUST have a scheme identifier attribute
└── schemeID	Type Use	xs:normalizedString required	Rules	*OP-T19-006 - An Party Identifier Scheme MUST be from the list of PEPPOL Party Identifiers*
cac:PartyName	Occurence Type	0 .. 1 cac:PartyNameType		
cbc:Name	Occurence Type Info req.ID Bus req.ID	1 .. 1 cbc:NameType tir19-079 tbr19-0067	Term name BII Usage	**Party name** *Use in the absence of or in addition to Party Identifier.*
			Rules	BII2-T19-R013 - A catalogue customer MUST contain the full name or an identifier
cac:Contact	Occurence Type	0 .. 1 cac:ContactType		
cbc:ID	Occurence Type Info req.ID	0 .. 1 cbc:IDType OP-T19-021	Term name	**Contact ID**

Element/Attribute	Description		Usage/Rules/Code lists	
cbc:Name	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:NameType tir19-080 tbr19-0067	**Term name** **BII Usage**	**Contact person name** *The name of the contact person.*
cbc:Telephone	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:TelephoneType tir19-082 tbr19-0067	**Term name** **BII Usage**	**Contact telephone number** *A phone number for the contact person. If the person has a direct number, this is that number.*
cbc:Telefax	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:TelefaxType tir19-081 tbr19-0067	**Term name** **BII Usage**	**Contact fax number** *A fax number for the contact persons.*
cbc:ElectronicMail	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:ElectronicMailType tir19-083 tbr19-0067	**Term name** **BII Usage**	**Contact email address** *The e-mail address for the contact person. If the person has a direct e-mail this is that email.*
cac:TradingTerms	**Occurence** **Type**	0 .. unbounded cac:TradingTermsType		
cbc:Information	**Occurence** **Type** **Info req.ID**	0 .. unbounded cbc:InformationType OP-T19-019	**Term name**	**General payment conditions**
languageID	*Type* *Use*	*xs:language* *optional*	*Rules*	*OP-T19-012 - languageID MUST be coded using ISO code list 639-1*
cac:CatalogueLine	**Occurence** **Type**	1 .. unbounded cac:CatalogueLineType	*Rules*	*BII2-T19-R023 - A catalogue MUST have at least one catalogue line*
cbc:ID	**Occurence** **Type** **Info req.ID** **Bus req.ID**	1 .. 1 cbc:IDType tir19-032 tbr19-0063	**Term name** **BII Usage** **Rules**	**Line identifier** *Each line must have an identifier that is unique within the document to make it possible to positively reference the line. For example, from other documents.* BII2-T19-R024 - A catalogue line MUST contain a unique line identifier

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Element/Attribute	Description		Usage/Rules/Code lists	
cbc:ActionCode	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:ActionCodeType tir19-033 tbr19-0050	**Term name** **BII Usage**	**Line action code** *Used to instruct the catalogue receier on what action should be taken on the identified line when revising a catalogue. See rule on catalogue version ID. When using Update or Delete codes, the entire Catalogue Line is updated or deleted.*
			Rules	CL-T19-001 - The action code for a catalogue line MUST be Add, Update or Delete if present
listID	*Type* *Use*	*xs:normalizedString* *required*	*Rules*	*EUGEN-T19-R045 - A catalogue line action code MUST have a list identifier attribute "ACTIONCODE:BII2"*
cbc:ContractSubdivision	**Occurence** **Type** **Info req.ID**	0 .. 1 cbc:ContractSubdivisionType OP-T19-036	**Term name** **BII Usage**	**Contract Subdivision** *Used to reference a subsection of the contract referenced on header level but not recognized as a BII requirement. Removed.*
cbc:OrderableIndicator	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:OrderableIndicatorType tir19-034 tbr19-0064	**Term name** **BII Usage**	**Orderable indicator** *Default value is True i.e. Item on the Catalogue Line can be ordered. Can be used to indicate if an Item is temporarily out of stock (via a Catalogue Update).*
cbc:OrderableUnit	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:OrderableUnitType tir19-035 tbr19-0042	**Term name** **BII Usage**	**Orderable unit** *The unit in which the item described in this catalogue line can be ordered. The same item can be described in more than one catalogue line with different orderble units. E.g. catalogue line 1 describes item X that can be ordered in boxes at a given price. Line 2 may describe the same item X as orderable in pallets where the price is lower.*
			Rules	OP-T19-010 - Orderable unit code MUST be coded according to the UN/ECE Recommendation 20
cbc:ContentUnitQuantity	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:ContentUnitQuantityType tir19-061 tbr19-023	**Term name** **BII Usage**	**Item net quantity** *The net quantity of the item that is contained in each consumable unit, excluding any packaging materials.*
unitCode	*Type* *Use*	*xs:normalizedString* *required*	*Rules*	*OP-T19-002 - Unit code MUST be coded according to the UN/ECE Recommendation 20*
unitCodeListID	*Type* *Use*	*xs:normalizedString* *required*	*Rules*	*EUGEN-T19-R048 - A unit code attribute MUST have a unit code list identifier attribute "UNECERec20"*

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Element/Attribute	Description		Usage/Rules/Code lists	
cbc:OrderQuantityIncrementNumeric	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:OrderQuantityIncrementNumericType tir19-037 tbr19-0042	**Term name** **BII Usage**	**Order quantity increment** *The increment of Orderable units that can be ordered.*
cbc:MinimumOrderQuantity	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:MinimumOrderQuantityType tir19-038 tbr19-0042	**Term name** **BII Usage** **Rules**	**Minimum order quantity** *The minimum number of orderable units that can be ordered according to details provided in the catalogue line, such as price.* BII2-T19-R030 - Minimum quantity MUST be greater than zero
unitCode	*Type* *Use*	*xs:normalizedString* *required*	*Rules*	*OP-T19-002 - Unit code MUST be coded according to the UN/ECE Recommendation 20*
unitCodeListID	*Type* *Use*	*xs:normalizedString* *required*	*Rules*	*EUGEN-T19-R048 - A unit code attribute MUST have a unit code list identifier attribute "UNECERec20"*
cbc:MaximumOrderQuantity	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:MaximumOrderQuantityType tir19-039 tbr19-0042	**Term name** **BII Usage** **Rules**	**Maximum order quantity** *The maximum number of orderable units that can be ordered according to details provided in the catalogue line, such as price.* BII2-T19-R029 - Maximum quantity MUST be greater than zero BII2-T19-R031 - Maximum quantity MUST be greater or equal to the Minimum quantity
unitCode	*Type* *Use*	*xs:normalizedString* *required*	*Rules*	*OP-T19-002 - Unit code MUST be coded according to the UN/ECE Recommendation 20*
unitCodeListID	*Type* *Use*	*xs:normalizedString* *required*	*Rules*	*EUGEN-T19-R048 - A unit code attribute MUST have a unit code list identifier attribute "UNECERec20"*
cbc:WarrantyInformation	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:WarrantyInformationType tir19-040 tbr19-0047	**Term name** **BII Usage**	**Line warranty information** *Warranty information that applies to the catalogue line item.*
languageID	*Type* *Use*	*xs:language* *optional*	*Rules*	*OP-T19-012 - languageID MUST be coded using ISO code list 639-1*
cbc:PackLevelCode	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:PackLevelCodeType tir19-102 tbr19-0023	**Term name** **BII Usage** **Rules**	**Packaging level** *The packing level of the catalogue line.* OP-T19-008 - A package level code MUST be from the PEPPOL subset of GS1 7009 code list
listID	*Type* *Use*	*xs:normalizedString* *required*	*Rules*	*EUGEN-T19-R050 - A package level code MUST have a list identifier attribute "GS17009:PEPPOL"*
cac:LineValidityPeriod	**Occurence** **Type**	0 .. 1 cac:PeriodType	***Rules***	*BII2-T19-R017 - Catalogue line validity period MUST be within the range of the whole*

Element/Attribute	Description			Usage/Rules/Code lists	
					catalogue validity period
cbc:StartDate	**Occurence**	0	.. 1	**Term name**	**Period start date**
	Type	cbc:StartDateType		**BII Usage**	*The date on which the period starts. The start dates*
	Info req.ID	tir19-041			*counts as part of the period.*
	Bus req.ID	tbr19-0041, tbr19-0043			
cbc:EndDate	**Occurence**	0	.. 1	**Term name**	**Period end date**
	Type	cbc:EndDateType		**BII Usage**	*The date on which the period ends. The end date counts*
	Info req.ID	tir19-042			*as part of the period.*
	Bus req.ID	tbr19-0041, tbr19-0043			
				Rules	BII2-T19-R006 – A validity period end date MUST be later or equal to a validity period start date if both validity period end date and validity period start date are present
cac:ItemComparison	**Occurence**	0	.. unbounded		
	Type	cac:ItemComparisonType			
cbc:PriceAmount	**Occurence**	0	.. 1	**Term name**	**Standardized unit price**
	Type	cbc:PriceAmountType		**BII Usage**	*The item price based on a standarized unit. E.g. Price of*
	Info req.ID	tir19-043			*each liter.*
	Bus req.ID	tbr19-0046			*See guideline on Items and packing units in a catalogue.*
currencyID	*Type*	*xs:normalizedString*		*Rules*	*OP-T19-011 - Currency ID MUST be coded using ISO*
	Use	*required*			*code list 4217*
cbc:Quantity	**Occurence**	0	.. 1	**Term name**	**Standard unit quantity**
	Type	cbc:QuantityType		**BII Usage**	*The quantity of standard units that are in each*
	Info req.ID	tir19-044			*consumable unit. E.g. if consumable units are bottles*
	Bus req.ID	tbr19-0046			*and each bottle contains 0,333 liters the standard unit quantity is 0,333*
					See guideline on Items and packing units in a catalogue.
unitCode	*Type*	*xs:normalizedString*		*Rules*	*OP-T19-002 - Unit code MUST be coded according to*
	Use	*required*			*the UN/ECE Recommendation 20*
unitCodeListID	*Type*	*xs:normalizedString*		*Rules*	*EUGEN-T19-R048 - A unit code attribute MUST have a*
	Use	*required*			*unit code list identifier attribute "UNECERec20"*
cac:ComponentRelatedItem	**Occurence**	0	.. unbounded		
	Type	cac:RelatedItemType			
cbc:ID	**Occurence**	0	.. 1	**Term name**	**Item identifier**
	Type	cbc:IDType		**BII Usage**	*The sellers identifier for the related item.*
	Info req.ID	tir19-045			
	Bus req.ID	tbr19-0019, tbr19-0034			
cbc:Quantity	**Occurence**	0	.. 1	**Term name**	**Item quantity**
	Type	cbc:QuantityType		**BII Usage**	*The quantity that applies to the relationship.*
	Info req.ID	tir19-046			
	Bus req.ID	tbr19-0019, tbr19-0034			

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Element/Attribute	Description		Usage/Rules/Code lists	
unitCode	*Type*	*xs:normalizedString*	*Rules*	*OP-T19-002 - Unit code MUST be coded according to the UN/ECE Recommendation 20*
	Use	*required*		
unitCodeListID	*Type*	*xs:normalizedString*	*Rules*	*EUGEN-T19-R048 - A unit code attribute MUST have a unit code list identifier attribute "UNECERec20"*
	Use	*required*		
cac:AccessoryRelatedItem	**Occurence**	0 **..** unbounded		
	Type	cac:RelatedItemType		
cbc:ID	**Occurence**	0 **..** 1	**Term name**	**Item identifier**
	Type	cbc:IDType	**BII Usage**	*The sellers identifier for the related item.*
	Info req.ID	tir19-118		
	Bus req.ID	tbr19-073		
cbc:Quantity	**Occurence**	0 **..** 1	**Term name**	**Item quantity**
	Type	cbc:QuantityType	**BII Usage**	*The quantity that applies to the relationship.*
	Info req.ID	tir19-119		
	Bus req.ID	tbr19-073		
unitCode	*Type*	*xs:normalizedString*	*Rules*	*OP-T19-002 - Unit code MUST be coded according to the UN/ECE Recommendation 20*
	Use	*required*		
unitCodeListID	*Type*	*xs:normalizedString*	*Rules*	*EUGEN-T19-R048 - A unit code attribute MUST have a unit code list identifier attribute "UNECERec20"*
	Use	*required*		
cac:RequiredRelatedItem	**Occurence**	0 **..** unbounded		
	Type	cac:RelatedItemType		
cbc:ID	**Occurence**	0 **..** 1	**Term name**	**Item identifier**
	Type	cbc:IDType	**BII Usage**	*The sellers identifier for the related item.*
	Info req.ID	tir19-048		
	Bus req.ID	tbr19-0019, tbr19-0034		
cbc:Quantity	**Occurence**	0 **..** 1	**Term name**	**Item quantity**
	Type	cbc:QuantityType	**BII Usage**	*The quantity that applies to the relationship.*
	Info req.ID	tir19-049		
	Bus req.ID	tbr19-0019, tbr19-0034		
unitCode	*Type*	*xs:normalizedString*	*Rules*	*OP-T19-002 - Unit code MUST be coded according to the UN/ECE Recommendation 20*
	Use	*required*		
unitCodeListID	*Type*	*xs:normalizedString*	*Rules*	*EUGEN-T19-R048 - A unit code attribute MUST have a unit code list identifier attribute "UNECERec20"*
	Use	*required*		
cac:ReplacedRelatedItem	**Occurence**	0 **..** unbounded		
	Type	cac:RelatedItemType		
cbc:ID	**Occurence**	0 **..** 1	**Term name**	**Item identifier**
	Type	cbc:IDType	**BII Usage**	*The sellers identifier for the related item.*
	Info req.ID	tir19-120		
	Bus req.ID	tbr19-072		

Element/Attribute	Description		Usage/Rules/Code lists	
cbc:Quantity	**Occurence**	0 .. 1	**Term name**	**Item quantity**
	Type	cbc:QuantityType	**BII Usage**	*The quantity that applies to the relationship.*
	Info req.ID	tir19-121		
	Bus req.ID	tbr19-072		
unitCode	*Type*	xs:normalizedString	*Rules*	*OP-T19-002 - Unit code MUST be coded according to the UN/ECE Recommendation 20*
	Use	*required*		
unitCodeListID	*Type*	xs:normalizedString	*Rules*	*EUGEN-T19-R048 - A unit code attribute MUST have a unit code list identifier attribute "UNECERec20"*
	Use	*required*		
cac:RequiredItemLocationQuantity	**Occurence**	0 .. unbounded		
	Type	cac:ItemLocationQuantityType		
cbc:LeadTimeMeasure	**Occurence**	0 .. 1	**Term name**	**Price lead time**
	Type	cbc:LeadTimeMeasureType	**BII Usage**	*The order lead time for the particular location.*
	Info req.ID	tir19-053		
	Bus req.ID	tbr19-0034		
unitCode	*Type*	xs:normalizedString	*Rules*	*OP-T19-002 - Unit code MUST be coded according to the UN/ECE Recommendation 20*
	Use	*required*		
cbc:MinimumQuantity	**Occurence**	0 .. 1	**Term name**	**Quantity threshold**
	Type	cbc:MinimumQuantityType		
	Info req.ID	OP-T19-025		
unitCode	*Type*	xs:normalizedString	*Rules*	*OP-T19-002 - Unit code MUST be coded according to the UN/ECE Recommendation 20*
	Use	*required*		
unitCodeListID	*Type*	xs:normalizedString	*Rules*	*EUGEN-T19-R048 - A unit code attribute MUST have a unit code list identifier attribute "UNECERec20"*
	Use	*required*		
cbc:MaximumQuantity	**Occurence**	0 .. 1	**Term name**	**Quantity ceiling**
	Type	cbc:MaximumQuantityType		
	Info req.ID	OP-T19-026		
unitCode	*Type*	xs:normalizedString	*Rules*	*OP-T19-002 - Unit code MUST be coded according to the UN/ECE Recommendation 20*
	Use	*required*		
unitCodeListID	*Type*	xs:normalizedString	*Rules*	*EUGEN-T19-R048 - A unit code attribute MUST have a unit code list identifier attribute "UNECERec20"*
	Use	*required*		
cac:ApplicableTerritoryAddress	**Occurence**	0 .. unbounded		
	Type	cac:AddressType		
cbc:StreetName	**Occurence**	0 .. 1	**Term name**	**Address line 1**
	Type	cbc:StreetNameType	**BII Usage**	*The main address line in a postal address usually the street name and number.*
	Info req.ID	tir19-108		
	Bus req.ID	tbr19-049		

Element/Attribute		Description		Usage/Rules/Code lists	
— cbc:AdditionalStreetName		**Occurence**	0 .. 1	**Term name**	**Address line 2**
		Type	cbc:AdditionalStreetNameType	**BII Usage**	*An additional address line in a postal address that can*
		Info req.ID	tir19-109		*be used to give further details supplementing the main*
		Bus req.ID	tbr19-049		*line. Common use are secondary house number in a*
					complex or in a building.
— cbc:CityName		**Occurence**	0 .. 1	**Term name**	**City**
		Type	cbc:CityNameType	**BII Usage**	*The common name of the city where the postal address*
		Info req.ID	tir19-060		*is. The name is written in full rather than as a code.*
			tir19-110		*The common name of the city where the postal address*
		Bus req.ID	tbr19-0034		*is. The name is written in full rather than as a code.*
			tbr19-049		
— cbc:PostalZone		**Occurence**	0 .. 1	**Term name**	**Post code**
		Type	cbc:PostalZoneType	**BII Usage**	*The identifier for an addressable group of properties*
		Info req.ID	tir19-111		*according to the relevant national postal service, such as*
		Bus req.ID	tbr19-049		*a ZIP code or Post Code.*
— cbc:CountrySubentity		**Occurence**	0 .. 1	**Term name**	**Country subdivision**
		Type	cbc:CountrySubentityType	**BII Usage**	*For specifying a region, county, state, province etc.*
		Info req.ID	tir19-112		*within a country by using text.*
			tir19-062		*For specifying a region, county, state, province etc.*
		Bus req.ID	tbr19-049		*within a country by using text.*
			tbr19-0034		
— *cac:Country*		**Occurence**	0 .. 1		
		Type	cac:CountryType		
	— cbc:IdentificationCode	**Occurence**	0 .. 1	**Term name**	**Country code**
		Type	cbc:IdentificationCodeType	**BII Usage**	*The country where the address is. The country should*
		Info req.ID	tir19-063		*always be given by using ISO code 3166 alpha 2*
			tir19-113		*The country where the address is. The country should*
		Bus req.ID	tbr19-0034		*always be given by using ISO code 3166 alpha 2*
			tbr19-049		
				Rules	OP-T19-001 - Country codes in a catalogue MUST be
					coded using ISO code list 3166-1 alpha2
	— *listID*	*Type*	xs:normalizedString	*Rules*	*EUGEN-T19-R047 - A country identification code MUST*
		Use	required		*have a list identifier attribute "ISO3166-1:Alpha2"*
— *cac:Price*		**Occurence**	0 .. 1		
		Type	cac:PriceType		
	— cbc:PriceAmount	**Occurence**	1 .. 1	**Term name**	**Item price**
		Type	cbc:PriceAmountType	**BII Usage**	*The price for the item at the specified locations.*
		Info req.ID	tir19-051		*The price is given for each orderable unit.*
		Bus req.ID	tbr19-0034		
				Rules	BII2-T19-R015 - Prices of items MUST not be negative
	— *currencyID*	*Type*	xs:normalizedString	*Rules*	*OP-T19-011 - Currency ID MUST be coded using ISO*

Element/Attribute	Description		Usage/Rules/Code lists	
	Use	*required*		*code list 4217*
cbc:BaseQuantity	**Occurence**	0 **..** 1	**Term name**	**Base Quantity**
	Type	cbc:BaseQuantityType		
	Info req.ID	OP-T19-024		
unitCode	*Type*	*xs:normalizedString*	*Rules*	*OP-T19-002 - Unit code MUST be coded according to*
	Use	*required*		*the UN/ECE Recommendation 20*
unitCodeListID	*Type*	*xs:normalizedString*	*Rules*	*EUGEN-T19-R048 - A unit code attribute MUST have a*
	Use	*required*		*unit code list identifier attribute "UNECERec20"*
cbc:PriceType	**Occurence**	0 **..** 1	**Term name**	**Price type**
	Type	cbc:PriceTypeType	**BII Usage**	*The type of the price so that the receiver knows if the*
	Info req.ID	tir19-093		*price may be changed, is indicative. When prices are*
	Bus req.ID	tbr19-034		*temporary the validity period for the price should be*
				defined by stating the price validity period.
cbc:OrderableUnitFactorRate	**Occurence**	0 **..** 1	**Term name**	**OrderableUnit FactorRate**
	Type	cbc:OrderableUnitFactorRateType	**BII Usage**	*The factor used to convert the Base Quantity to an*
	Info req.ID	OP-T19-035		*Orderable Unit. Must be specified if the Orderable Unit*
				differs from the Base Quantity. If not present, assumed
				value is 1
cac:ValidityPeriod	**Occurence**	0 **..** unbounded		
	Type	cac:PeriodType		
cbc:StartDate	**Occurence**	0 **..** 1	**Term name**	**Period start date**
	Type	cbc:StartDateType	**BII Usage**	*The date on which the period starts. The start dates*
	Info req.ID	tir19-056		*counts as part of the period.*
	Bus req.ID	tbr19-0048		
cbc:EndDate	**Occurence**	0 **..** 1	**Term name**	**Period end date**
	Type	cbc:EndDateType	**BII Usage**	*The date on which the period ends. The end date counts*
	Info req.ID	tir19-057		*as part of the period.*
	Bus req.ID	tbr19-0048		
			Rules	BII2-T19-R006 – A validity period end date MUST be
				later or equal to a validity period start date if both validity
				period end date and validity period start date are present
cac:Item	**Occurence**	1 **..** 1		
	Type	cac:ItemType		
cbc:Description	**Occurence**	0 **..** unbounded	**Term name**	**Item description**
	Type	cbc:DescriptionType	**BII Usage**	*A detailed description of the item. Use one description*
	Info req.ID	tir19-067		*pr. language*
	Bus req.ID	tbr19-0044		
languageID	*Type*	*xs:language*	*Rules*	*OP-T19-012 - languageID MUST be coded using ISO*
	Use	*optional*		*code list 639-1*

Element/Attribute	Description		Usage/Rules/Code lists	
cbc:PackQuantity	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:PackQuantityType tir19-066 tir19-066 tbr19-0023	**Term name** **BII Usage**	**Packed quantity** *The number of packed units that are in the orderable unit. E.g. if the orderable unit is a pallet that contains 30 boxes then the packed units are BOX and the packed quantity is 30.*
unitCode	*Type* *Use*	*xs:normalizedString* *required*	*Rules*	*OP-T19-002 - Unit code MUST be coded according to the UN/ECE Recommendation 20*
unitCodeListID	*Type* *Use*	*xs:normalizedString* *required*	*Rules*	*EUGEN-T19-R048 - A unit code attribute MUST have a unit code list identifier attribute "UNECERec20"*
cbc:PackSizeNumeric	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:PackSizeNumericType tir19-036 tbr19-0023	**Term name** **BII Usage**	**Consumable unit quantity** *Specifies the number of consumable units that are in each orderable unit.* *See guideline on Items and packing units in a catalogue.*
cbc:Name	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:NameType tir19-078 tbr19-0044	**Term name** **BII Usage** **Rules**	**Item name** *A short name for an item.* BII2-T19-R019 - An item in a catalogue line SHOULD have a name
languageID	*Type* *Use*	*xs:language* *optional*	*Rules*	*OP-T19-012 - languageID MUST be coded using ISO code list 639-1*
cbc:Keyword	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. unbounded cbc:KeywordType tir19-064 tbr19-0045	**Term name** **BII Usage**	**Item key words** *Used to specify searchable keywords and/or synonyms for the Item. E.g. Item Name = Colgate or Total / Keyword =Toothpaste*
languageID	*Type* *Use*	*xs:language* *optional*	*Rules*	*OP-T19-012 - languageID MUST be coded using ISO code list 639-1*
cbc:BrandName	**Occurence** **Type** **Info req.ID**	0 .. unbounded cbc:BrandNameType OP-T19-018	**Term name**	**Brand name**
cac:SellersItemIdentification	**Occurence** **Type**	0 .. 1 cac:ItemIdentificationType		
cbc:ID	**Occurence** **Type** **Info req.ID** **Bus req.ID**	1 .. 1 cbc:IDType tir19-091 tbr19-0040	**Term name** **BII Usage**	**Sellers item identifier** *The sellers identifier for the item.*
cac:ManufacturersItemIdentification	**Occurence** **Type**	0 .. 1 cac:ItemIdentificationType		

Element/Attribute	Description		Usage/Rules/Code lists	
cbc:ID	Occurence Type Info req.ID Bus req.ID	1 .. 1 cbc:IDType tir19-114 tbr19-040	Term name BII Usage	Manufacturers item identifer *The manufacturers identifier for the item.*
cac:StandardItemIdentification	Occurence Type	0 .. 1 cac:ItemIdentificationType		
cbc:ID	Occurence Type Info req.ID Bus req.ID	1 .. 1 cbc:IDType tir19-092 tbr19-0040	Term name BII Usage Rules	Items standard identifier *A item identifier based on a registered schema.* *BII2-T19-R020 - An item in a catalogue line MUST be uniquely identifiable by at least one of the following: Catalogue Provider identifier, Standard identifier*
schemeID	Type Use	*xs:normalizedString* *optional*	*Rules*	*BII2-T19-R021 - Standard Identifiers SHOULD contain the Schema Identifier (e.g.GTIN)*
cac: ItemSpecificationDocumentReference	Occurence Type	0 .. unbounded cac:DocumentReferenceType		
cbc:ID	Occurence Type Info req.ID Bus req.ID	1 .. 1 cbc:IDType tir19-095 tir19-105 tbr19-0065 tbr19-065	Term name BII Usage	Attachment ID Attachment ID *A positive identification of the relevant document, such as an unique identifier.* *A positive identification of the relevant document, such as an unique identifier.*
cbc:DocumentTypeCode	Occurence Type Info req.ID	0 .. 1 cbc:DocumentTypeCodeType tir19-086a	Term name	External Item Specifications Type
listID	Type Use	*xs:normalizedString* *optional*	*Descr:*	Optional, may be used in national extensions.
cbc:DocumentDescription	Occurence Type Info req.ID Bus req.ID	0 .. unbounded cbc:DocumentDescriptionType tir19-096 tir19-106 tbr19-0065 tbr19-065	Term name BII Usage	Attached document description Attached item description *A short description of the document type.* *A short description of the document type.*
languageID	Type Use	*xs:language* *optional*	*Rules*	*OP-T19-012 - languageID MUST be coded using ISO code list 639-1*
cac:Attachment	Occurence Type	0 .. 1 cac:AttachmentType		

Element/Attribute	Description		Usage/Rules/Code lists	
cbc: EmbeddedDocumentBinaryObject	**Occurence**	0 .. 1	**Term name**	**Attached object**
	Type	cbc:EmbeddedDocumentBinaryObjectType		**Attached object**
	Info req.ID	tir19-097	**BII Usage**	*The attached document embedded as binary object.*
		tir19-107		*The attached document embedded as binary object.*
	Bus req.ID	tbr19-0065		
		tbr19-065		
mimeCode	*Type*	*xs:normalizedString*	*Rules*	*CL-T19-002 -For Mime code in attribute use MIME Media Type*
	Use	*required*		
cac:ExternalReference	**Occurence**	0 .. 1		
	Type	cac:ExternalReferenceType		
cbc:URI	**Occurence**	0 .. 1	**Term name**	**External item specifications**
	Type	cbc:URIType	**BII Usage**	*URI reference to external item information or specifications. E.g. web address*
	Info req.ID	tir19-086		
	Bus req.ID	tbr19-0065		
cac:OriginCountry	**Occurence**	0 .. 1		
	Type	cac:CountryType		
cbc:IdentificationCode	**Occurence**	0 .. 1	**Term name**	**Item origin country**
	Type	cbc:IdentificationCodeType	**BII Usage**	*Used to provide the country from which the item has it's origin. Commonly used in cross border trade for statistical and customs purposes.*
	Info req.ID	tir19-071		
	Bus req.ID	tbr19-076		
			Rules	OP-T19-001 - Country codes in a catalogue MUST be coded using ISO code list 3166-1 alpha2
listID	*Type*	*xs:normalizedString*	*Rules*	*EUGEN-T19-R047 - A country identification code MUST have a list identifier attribute "ISO3166-1:Alpha2"*
	Use	*required*		
cac:CommodityClassification	**Occurence**	0 .. unbounded		
	Type	cac:CommodityClassificationType		
cbc:ItemClassificationCode	**Occurence**	0 .. 1	**Term name**	**Commodity classification**
	Type	cbc:ItemClassificationCodeType	**BII Usage**	*A classification code used to classify the type or nature of the Item. More than one classifications can be used including UNSPSC code and CPV code.*
	Info req.ID	tir19-069		
	Bus req.ID	tbr19-0018		
			Rules	BII2-T19-R022 - Classification codes SHOULD contain the Classification scheme Identifier (e.g. CPV or UNSPSC)
listID	*Type*	*xs:normalizedString*		
	Use	*required*		
name	*Type*	*xs:string*		
	Use	*optional*		
cac:TransactionConditions	**Occurence**	0 .. unbounded		
	Type	cac:TransactionConditionsType		

Element/Attribute	Description		Usage/Rules/Code lists	
cbc:ID	Occurence	0 .. 1	Term name	Transaction conditions
	Type	cbc:IDType		
	Info req.ID	OP-T19-027		
cbc:ActionCode	Occurence	0 .. 1		
	Type	cbc:ActionCodeType		
listID	Type	xs:normalizedString	Descr:	Optional, may be used in national extensions.
	Use	optional		
cac:HazardousItem	Occurence	0 .. unbounded		
	Type	cac:HazardousItemType		
cbc:UNDGCode	Occurence	0 .. 1	Term name	Hazardous UNDG code
	Type	cbc:UNDGCodeType	BII Usage	Provides detail of the classification and nature of a
	Info req.ID	tir19-072		hazardous item.
	Bus req.ID	tbr19-0029		
			Rules	OP-T19-003 - UNDG MUST be coded according to the UN EDIFACT 8273 code list
				EUGEN-T19-R051 - A UNDG code MUST have a list identifier attribute "UNCL8273"
listID	Type	xs:normalizedString	Rules	EUGEN-T19-R051 - A UNDG code MUST have a list
	Use	required		identifier attribute "UNCL8273"
cbc:HazardClassID	Occurence	0 .. 1	Term name	Hazard class identifier
	Type	cbc:HazardClassIDType	BII Usage	Provides detail of the classification and nature of a
	Info req.ID	tir19-073		hazardous item.
	Bus req.ID	tbr19-0029		
cac:ClassifiedTaxCategory	Occurence	0 .. 1		
	Type	cac:TaxCategoryType		
cbc:ID	Occurence	0 .. 1	Term name	Item VAT category code
	Type	cbc:IDType	BII Usage	The VAT code that indicates what VAT details apply to
	Info req.ID	tir19-094		the item.
	Bus req.ID	tbr19-0049		
			Rules	CL-T19-004 - Tax categories MUST be coded using UN/ECE 5305 code list
schemeID	Type	xs:normalizedString	Rules	EUGEN-T19-R049 - A classified tax category identifier
	Use	required		MUST have a scheme identifier attribute "UNCL5305"
cbc:Percent	Occurence	0 .. 1	Term name	Item VAT precentage
	Type	cbc:PercentType	BII Usage	The VAT percentage rate that applies to the item unless
	Info req.ID	tir19-050		specific trade reasons apply such as exemptions.
	Bus req.ID	tbr19-034		
cac:TaxScheme	Occurence	1 .. 1		
	Type	cac:TaxSchemeType		

Element/Attribute	Description		Usage/Rules/Code lists	
cbc:ID	**Occurence** **Type** **Info req.ID**	0 .. 1 cbc:IDType 1	**Term name**	TaxSchemeID
cac:AdditionalItemProperty	**Occurence** **Type**	0 .. unbounded cac:ItemPropertyType		
cbc:Name	**Occurence** **Type** **Info req.ID** **Bus req.ID**	1 .. 1 cbc:NameType tir19-076 tir19-074 tbr19-0038 tbr19-068	**Term name** **BII Usage**	**Property name** **Item expiry date** *The name of the property. The name must be sufficiently descriptive to define the value. The definition may be supplemented with the property unit of measure when relevant.* *E.g. Size, Color, Year.* *Used to express the expiry date of the item or items in the line instance.*
languageID	*Type* *Use*	*xs:language* *optional*	*Rules*	*OP-T19-012 - languageID MUST be coded using ISO code list 639-1*
cbc:Value	**Occurence** **Type** **Info req.ID** **Bus req.ID**	1 .. 1 cbc:ValueType tir19-077 tbr19-0038, tbr19-0039	**Term name** **BII Usage** **Rules**	**Property value** *The value of the item property.* *E.g. XXL, Blue, 2007.* BII2-T19-R027 - An item property data name MUST specify a data value
languageID	*Type* *Use*	*xs:language* *optional*	*Rules*	*OP-T19-012 - languageID MUST be coded using ISO code list 639-1*
cbc:ValueQuantity	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:ValueQuantityType tir19-070 OP-T19-020 tbr19-042	**Term name** **BII Usage**	**Property unit of measure** **Minimum quantity guaranteed for delivery** *The unit of measure in which the property value is stated, if relevant. May not be relevant when properties are descriptive.*
unitCode	*Type* *Use*	*xs:normalizedString* *required*	*Rules*	*OP-T19-002 - Unit code MUST be coded according to the UN/ECE Recommendation 20*
unitCodeListID	*Type* *Use*	*xs:normalizedString* *required*	*Rules*	*EUGEN-T19-R048 - A unit code attribute MUST have a unit code list identifier attribute "UNECERec20"*
cbc:ValueQualifier	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. unbounded cbc:ValueQualifierType tir19-103 tbr19-0037	**Term name** **BII Usage**	**Property classification** *Standardized and predefined classification of items properties.*
cac:ManufacturerParty	**Occurence** **Type**	0 .. 1 cac:PartyType		
cac:PartyName	**Occurence** **Type**	0 .. 1 cac:PartyNameType		

Element/Attribute	Description		Usage/Rules/Code lists	
cbc:Name	**Occurence** **Type** **Info req.ID** **Bus req.ID**	1 .. 1 cbc:NameType tir19-075 tbr19-0033	**Term name** **BII Usage**	**Manufacturer party name** *The name of the manufacturer of the item*
cac:ItemInstance	**Occurence** **Type**	0 .. unbounded cac:ItemInstanceType		
cbc:BestBeforeDate	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:BestBeforeDateType tir19-058 tbr19-068	**Term name** **BII Usage**	**Item best before date** *Used to express the best before date of the item or items in the line instance.*
cac:LotIdentification	**Occurence** **Type**	0 .. 1 cac:LotIdentificationType		
cbc:LotNumberID	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:LotNumberIDType tir19-059 tbr19-069	**Term name** **BII Usage**	**Item batch identifier** *Identifies the production batch that the item(s) listed in the catalogue line were part of.*
cac:Certificate	**Occurence** **Type**	0 .. unbounded cac:CertificateType		
cbc:ID	**Occurence** **Type** **Info req.ID** **Bus req.ID**	1 .. 1 cbc:IDType tir19-087 tbr19-0035	**Term name** **BII Usage**	**Label name** *The name of the product label.*
schemeID	*Type* *Use*	*xs:normalizedString* *optional*	*Descr:*	Optional, may be used in national extensions.
cbc:CertificateTypeCode	**Occurence** **Type**	1 .. 1 cbc:CertificateTypeCodeType		
cbc:CertificateType	**Occurence** **Type** **Info req.ID** **Bus req.ID**	1 .. 1 cbc:CertificateTypeType tir19-089 tbr19-0035	**Term name** **BII Usage**	**Label type** *The label type such environmental, quality, social etc.*
cbc:Remarks	**Occurence** **Type** **Info req.ID** **Bus req.ID**	0 .. 1 cbc:RemarksType tir19-088 tbr19-0035	**Term name** **BII Usage**	**Label value** *The lable value that applies to the item.*
languageID	*Type* *Use*	*xs:language* *optional*	*Rules*	*OP-T19-012 - languageID MUST be coded using ISO code list 639-1*
cac:IssuerParty	**Occurence** **Type**	1 .. 1 cac:PartyType		

Element/Attribute	Description		Usage/Rules/Code lists	
cac:PartyName	**Occurence**	0 **..** unbounded		
	Type	cac:PartyNameType		
cbc:Name	**Occurence**	1 **..** 1		
	Type	cbc:NameType		
cac:DocumentReference	**Occurence**	0 **..** unbounded		
	Type	cac:DocumentReferenceType		
cbc:ID	**Occurence**	1 **..** 1	**Term name**	**Label reference**
	Type	cbc:IDType	**BII Usage**	*A reference to where the label specification can be found, e.g. a URI.*
	Info req.ID	tir19-090		
	Bus req.ID	tbr19-0035		
cac:Dimension	**Occurence**	0 **..** unbounded		
	Type	cac:DimensionType		
cbc:AttributeID	**Occurence**	1 **..** 1	**BII Usage**	*Description of requirments that relate to the transport of the item itself or the orderable unit in which it is contained.*
	Type	cbc:AttributeIDType		
	Info req.ID	tir19-104		
	Bus req.ID	tbr19-0030	**Rules**	OP-T19-009 - An attribute identifier MUST be from the UN EDIFACT 6313 code list.
schemeID	*Type*	xs:normalizedString	*Rules*	*EUGEN-T19-R053 - An attribute identifier MUST have an scheme identifier "UNCL6313"*
	Use	*required*		
cbc:Measure	**Occurence**	0 **..** 1	**Term name**	**Height**
	Type	cbc:MeasureType		**Length**
	Info req.ID	tir19-098		**Width**
		tir19-099		**Weight**
		tir19-100		**Package Net weight approximately**
		tir19-101		**Package Net weight exact**
		OP-T19-037		**Package volume**
		OP-T19-017	**BII Usage**	*The vertical height of the orderable unit.*
		OP-T19-016		*The horizontal measure of the longer site of the orderable unit*
	Bus req.ID	tbr19-0023		*The horizontal measure of the shorter side of the orderable unit.*
		tbr19-0023		*The weight of the orderable unit incuding its packaging.*
		tbr19-0023		
		tbr19-0023		
unitCode	*Type*	xs:normalizedString	*Rules*	*OP-T19-002 - Unit code MUST be coded according to the UN/ECE Recommendation 20*
	Use	*required*		
cbc:Description	**Occurence**	0 **..** unbounded	**Term name**	**Dimension description**
	Type	cbc:DescriptionType	**BII Usage**	*Used for differentiating between measures with same attributeID*
	Info req.ID	OP-T19-038		
languageID	*Type*	xs:language	*Rules*	*OP-T19-012 - languageID MUST be coded using ISO code list 639-1*
	Use	*optional*		

Element/Attribute	Description			Usage/Rules/Code lists	
cbc:MinimumMeasure	**Occurence**	0 .. 1		**Term name**	**Minimum storage temperature**
	Type	cbc:MinimumMeasureType			**Minimum Storage Humidity**
	Info req.ID	tir19-115		**BII Usage**	*The lower margin of the recommended storage*
		OP-T19-015			*temerature range for the item.*
	Bus req.ID	tbr19-030			
unitCode	*Type*	*xs:normalizedString*		*Rules*	*OP-T19-002 - Unit code MUST be coded according to*
	Use	*required*			*the UN/ECE Recommendation 20*
cbc:MaximumMeasure	**Occurence**	0 .. 1		**Term name**	**Maximum storage temperature**
	Type	cbc:MaximumMeasureType			**Maximum Storage Humidity**
	Info req.ID	tir19-116		**BII Usage**	*The upper margin of the recommended storage*
		OP-T19-014			*temerature range for the item.*
	Bus req.ID	tbr19-030			
unitCode	*Type*	*xs:normalizedString*		*Rules*	*OP-T19-002 - Unit code MUST be coded according to*
	Use	*required*			*the UN/ECE Recommendation 20*