

JP-PINT

Peppol international invoice

- Part 2 - Technical Specification

Draft stage

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1 Introduction

1.1 General

[SOURCE: PINT DRAFT 0.08]

The Peppol International Invoicing Model (PINT) is a semantic data model that defines a set of business terms in an invoice to be used in an international context. PINT also provides syntactic mapping to ISO/IEC 19845:2015 (UBL 2.1) and examples of how to define and use these data models in business processes.

The semantic definition of those business terms is shared between compliant users of the model.

1.2 Objective

[SOURCE: PINT DRAFT 0.08]

The objective of this specification is to define an invoice data model that enables international exchange of electronic invoices between domains in different parts of the world while at the same time enabling them to support regional requirements.

The primary objective of the International model is to develop a shared part that fosters interoperability. Enabling support for specific requirements will be attempted where possible but is secondary.

[SOURCE EN 16931-1 7.4 Documentation of core invoice usage specifications]

A CIUS shall always be documented with clear reference to the core invoice model. It may be documented either as changes only, or as a full specification. If documented as a full specification, it shall be clear in what way the specification differs from its underlying specification and represents a further specification within the core invoice model.

Core invoice usage specifications should be documented in an appropriate repository for retrieval and sharing. The availability of such a repository is expected to foster convergence over time.

Agreement between Buyers and Sellers on using a core invoice usage specification should be part of the commercial contract between them.

1.3 Peppol BIS Billing 3.0

[SOURCE: PINT DRAFT 0.08]

The Peppol BIS Billing 3.0 is a compliant CIUS on the EN 16931 European eInvoice standard. Consequently, those who can receive and process the Peppol BIS 3.0 are compliant to the Directive 2014/55 on eInvoicing in the European Public sector.

The EN 16931 eInvoicing standard is designed to support EN directives and legislation on invoicing, most importantly the EU Directive 112/2006 or VAT. As result the EN 16931 is in some areas too restrictive to be used by countries outside of the European Union. This is most relevant for tax related issues and payment means. In these the EN 16931 is focused on EU directives and the SEPA payment area, neither of which apply outside of the EU.

1.4 Peppol International Invoice (PINT)

[SOURCE: PINT DRAFT 0.08]

The design principle for the PINT is to follow the Peppol BIS Billing 3.0 as closely as possible, to take advantage of the investment by service providers and end-users to establish requirements and

1 Introduction

implement solutions. Where necessary the PINT will extend the semantic definition of business terms in the data model or add business terms, to enable support for non-EU requirements.

Since the PINT is an extension on the Peppol BIS Billing 3.0 then the BIS Billing is by default a compliant restriction on the PINT. Electronic invoice specifications in other countries and regions must be compliant to the PINT model. **Figure 1** shows relationship among PINT and electronic invoice specifications in other countries and regions.

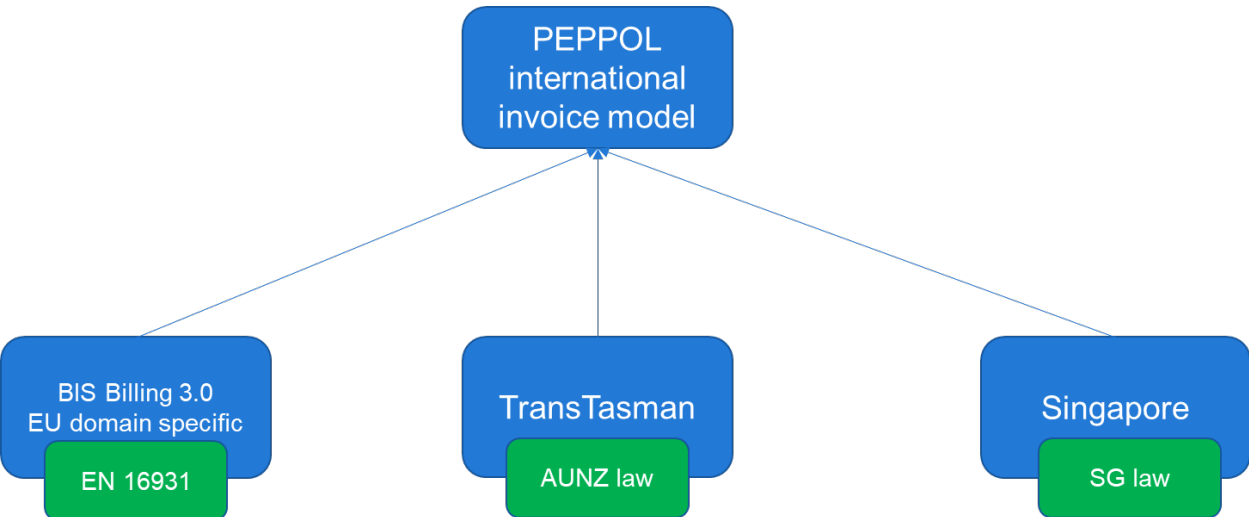


Figure 1— Peppol international invoice

2 Normative reference

[EIPA]

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 16931-1, *Electronic invoicing — Part 1: Semantic data model of the core elements of an electronic invoice*

CEN/TS 16931-3-1:2017, *Electronic invoicing — Part 3-1: Methodology for syntax bindings of the core elements of an electronic invoice*

CEN/TS 16931-3-2:2017 *Electronic invoicing — Part 3-2: Syntax binding for ISO/IEC 19845 (UBL 2.1) invoice and credit note*

EN 16931-5:2017, *Electronic invoicing — Part 5: Guidelines on the use of sector or country extensions in conjunction with EN 16931-1, methodology to be applied in the real environment*

CWA 5678 part 113, *BII Profile 21 – Statement*

ISO 8601:2004, *Data elements and interchange formats — Information interchange — Representation of dates and times*

ISO 4217 :2015, *Codes for the representation of currencies*

ISO 3166-1:2020, *Codes for the representation of names of countries and their subdivisions — Part 1: Country code*

ISO/IEC 6523-1:1998, *Information technology — Structure for the identification of organizations and organization parts — Part 1: Identification of organization identification schemes*

ISO 15000-5:2014, *Electronic Business Extensible Markup Language (ebXML) — Part 5: Core Component Specification (CCS)*

ISO/IEC 19845:2015 *Information technology — Universal business language version 2.1 (UBL v2.1)*

ISO/IEC 19757-3 :2020, *Information technology — Document Schema Definition Languages (DSDL) — Part 3: Rule-based validation using Schematron*

ISO/IEC Directives, Part 2 — *Rules for the structure and drafting of International Standards*

Extensible Markup Language (XML) 1.0 (Second Edition), *W3C Recommendation 6 October 2000*

XML Schema Part 1: Structures. Second Edition. *W3C Recommendation 28 October 2004*

XML Schema Part 2: Datatypes. Second Edition. *W3C Recommendation 28 October 2004*

XSL Transformations (XSLT) Version 1.0, *W3C Recommendation 16 November 1999*

XML Path Language (XPath) 2.0 (Second Edition), *W3C Recommendation 14 December 2010 (Link errors corrected 3 January 2011; Status updated October 2016)*

PINT Peppol international invoicing model Specification — *POAC DRAFT 0.08 2020-12-21 Final working group copy*

PEPPOL BIS Billing *OpenPEPPOL AISBL, Post-Award Coordinating Community Version 3.0.10*
<https://docs.peppol.eu/poacc/billing/3.0/bis/>

Japanese Peppol BIS Documentation <https://test-docs.peppol.eu/poacc/billing-japan/>

3 Terms and definitions

[SOURCE: PINT DRAFT 0.08 modified by EIPA]

3.1

semantic data model

structured set of logically interrelated information elements

[SOURCE: EN 16931-1,3.2]

3.2

business term

label assigned to a given information element which is used as a primary reference

[SOURCE: EN 16931-1,3.6]

3.3

electronic invoice

invoice that has been issued, transmitted, and received in a structured electronic format which allows for its automatic and electronic processing.

[SOURCE: EN 16931-1,3.1]

3.4

syntax

machine-readable language or dialect used to represent the information elements contained in an electronic document (e.g. an electronic invoice)

[SOURCE: EN 16931-1,3.5]

3.5

invoicing domain

a country or a region that share specific business and legal requirements

3.6

shared business term

business term which definition and rules are the same in all specifications that is compliant to the international invoicing model

3.7

aligned business term

business term that have a generalized definition that can be specialized (restricted) to support requirements in specific invoicing domains

3.8

distinct business term

business term that is added in specific invoicing domains

3.9

tax

tax that is applied to item at the time of sale, such as Value Added Tax (VAT), Goods and Service Tax (GST), Consumption tax, Sales tax

Note 1 to entry: the Peppol international invoice model supports international tax that does not fall under Directive 2014/55/EU.

3.10

identifier

character string used to establish the identity of, and distinguish uniquely, one instance of an object within an identification scheme from all other objects within the same scheme

[SOURCE: EN 16931-1,3.9]

3 Terms and definitions

3.11

identification scheme

collection of identifiers applicable for a given type of object governed under a common set of rules

[SOURCE: EN 16931-1,3.10]

3.12

compliant

some or all features of the Peppol international invoice model are used, and all rules of the Peppol international invoice model are respected

Note 1 to entry: Changed core invoice model to the Peppol international invoice model.

[SOURCE: EN 16931-1, 3.11, modified – Note 1 to entry has been added.]

3.13

conformant

all rules of the Peppol international invoice model are respected, and some additional features not defined in the Peppol international invoice model are also used

Note 1 to entry: Changed core invoice model to the Peppol international invoice model.

[SOURCE: EN 16931-1, 3.12, modified – Note 1 to entry has been added.]

Nobu: ISO DP2 Clause 16 Terms and definition says "Terms shall in general be presented in their basic grammatical form., i.e. nouns in the singular, verbs in the infinitive. The definition shall be written in such a form that it can replace the term in its content. it shall not start with an article ("the", "a") nor end with a full stop. A definition shall not take the form of, or contain, a requirement"

4 Verbal form

[EIPA]

The user of the document shall be able to identify the requirements he/she is obliged to satisfy in order to claim conformance to a document. The user shall also be able to distinguish these requirements from other types of provision (recommendations, permissions, possibilities and capabilities).

It is essential to follow rules for the use of verbal forms so that a clear distinction can be made between requirements, recommendations, permissions, possibilities and capabilities. To avoid risk of misinterpretation, verbal forms that are not defined in ISO/IEC Directives, Part 2 Clause 7 Verbal forms for expressions of provisions shall not be used for the expression of provisions.

Table 1 lists these preferred verbal forms defined in ISO/IEC Directives, Part 2.

Table 1 — Verbal forms for provision

Type of provision	Preferred verbal form
Requirement	shall, shall not
Recommendation	should, should not
Permission	may, may not
Possibility and capability	can, cannot
External constraint	must

5 Semantic data model

5.1 Introduction

[EIPA]

This Clause describes the information elements, and groups of information elements, that constitutes the semantic data model of the core elements of an electronic Invoice, as well as their relationship and the business rules required to ensure the integrity and consistency in the data provided in a compliant instance document (an individual Invoice) as specified in EN 16931-1.

The business rules defined in order to ensure the integrity and consistency in the data provided in a compliant instance document can be found in 5.3.

The semantic data type assigned to individual information elements in the Peppol international invoice model to specify data format and metadata requirements that apply are detailed in 4.2.

A new semantic datatype Schema is added. A Schema datatype represents Scheme identifier defined in 5.2.8.

5.2 Semantic datatype

[SOURCE: Peppol BIS Billing 3.0]

5.2.1 Overview

[EIPA]

Semantic data type is used to bridge the gap between the semantic concepts expressed by the information elements defined in the semantic model and the technical implementation. The semantic data types define the allowed value domain for the content, and any additional information components (attributes) needed in order to ensure its precise interpretation.

The different semantic data types are described in the tables below, where various features such as attributes, format, and decimals as well as the basic type are defined for each semantic data type. They are based on ISO 15000-5:2014.

When used in an instance of an invoice, each data element will contain data. In the below tables this is identified as the “content”. Whenever a business term is used this term shall always have content and therefore the content is always mandatory.

5.2.2 Primitive type

Semantic data type content may be of the following primitive types listed in **Table 2**. These primitive types were taken from ISO 15000-5:2014, Annex A.

Table 2 — Primitive type definitions

Primitive type	Definition
Binary	A set of finite-length sequences of binary digits.
Date	Time point representing a calendar day on a time scale consisting of an origin and a succession of calendar ISO 8601:2004.
Decimal	A subset of the real numbers, which can be represented by decimal numerals.
String	A finite sequence of characters.

5 Semantic data model

5.2.3 Amount

An amount states a numerical monetary value. The currency of the amount is defined as a separate business term.

Table 3 lists semantic datatype Amount.

Table 3 — Amount

Component	Use	Primitive Type	Example
Content	Mandatory	Decimal	10000

NOTE: Amounts in JPY have no fraction digits.

5.2.4 Unit Price Amount

A unit price amount states a numerical monetary amount value for data elements that contain item prices that may be multiplied by item quantities. The currency of the amount is defined as a separate business term.

Table 4 lists semantic datatype Unit Price Amount.

Table 4 — Unit Price Amount

Component	Use	Primitive Type	Example
Content	Mandatory	Decimal	10000.1234

NOTE: Unit price amount does not set restrictions on number of decimals, as contrast to the Amount type

5.2.5 Percentage

Percentage is given as fractions of a hundred (per cent) e.g. the value 34.78 % in percentage terms is given as 34.78.

Table 5 lists semantic datatype Percentage.

Table 5 — Percentage

Component	Use	Primitive Type	Example
Content	Mandatory	Decimal	34.7812

NOTE: No restriction on number of decimals for percentages.

5.2.6 Quantity

Quantity is used to state a number of units such as for items. The code for the Unit of Measure is defined as a separate business term.

Table 6 lists semantic datatype Quantity.

Table 6 — Quantity

Component	Use	Primitive Type	Example
Content	Mandatory	Decimal	10000.1234

NOTE: No restriction on number of decimals for quantities.

5.2.7 Code

Code is used to specify allowed values in elements as well as for lists of options. Code is different from Identifier in that allowed values have standardized meanings that can be known by the recipient.

Table 7 lists semantic datatype Code.

Table 7 — Code

Component	Use	Primitive Type	Example
Content	Mandatory	String	Abc123

NOTE: Codes shall be entered exactly as shown in the selected code list of the applicable syntax.

5.2.8 Identifier

Identifier (ID) is key that is issued by the sender or recipient of a document or by a third party.

Table 8 lists semantic datatype Identifier.

Table 8 — Identifier

Component	Use	Primitive Type	Example
Content	Mandatory	String	abc:123-DEF
Scheme identifier	Conditional	String	GLN
Scheme version identifier	Conditional	String	1.0

NOTE: The use of the attributes is specified for each information element.

5.2.9 Date

Date shall be in accordance to the “Complete representation of a calendar date in extended format” as specified by ISO 8601:2004 4.1.2.2, format YYYY-MM-DD.[EIPA]

Table 9 lists semantic datatype Date.

Table 9 — Date

Component	Use	Primitive Type	Example
Content	Mandatory	Date	2017-12-01

NOTE: Dates shall not include timezone information.

5.2.10 Time

[EIPA]

Dates shall be in accordance to the “Complete representation of a local time in extended format” as specified by ISO 8601:2004 4.2.2.2, format hh:mm:ss.

Table 10 lists semantic datatype Time.

Table 10 — Time

Component	Use	Primitive Type	Example
Content	Mandatory	Date	23:20:50

NOTE: Time shall not include timezone information.

5.2.11 Document Reference

Document Reference Types are identifiers that were assigned to a document or document line by the Buyer, the Seller or by a third party.

Table 11 lists semantic datatype Document Reference.

Table 11 — Document Reference

Component	Use	Primitive Type	Example
Content	Mandatory	String	abc:123-DEF

5.2.12 Text

Text is the actual wording of anything written or printed. Line breaks in the text may be present, and any line breaks should be preserved and respected by the receiver's system

Table 12 lists semantic datatype Text.

Table 12 — Text

Component	Use	Primitive Type	Example
Content	Mandatory	String	5% allowance when paid within 30 days

5.2.13 Binary object

Binary object can be used to describe files which are transmitted together with the Invoice. The attachment functionality is not intended for of including a copy of the invoice in an image format (such as PDF). Attaching an invoice copy is not in compliance with this specification.

Attachments shall be transmitted together with the Invoice. The binary object has two supplementary components: a Mime Code, which specifies the Mime type of the attachment and a Filename that is provided by (or on behalf of) the sender of the invoice or credit note.

Table 13 lists semantic datatype Binary object.

Table 13 — Binary object

Component	Use	Primitive Type	Example
Content	Mandatory	Binary	QmFzZTY0IGNvbnRlbnQgZXhhbXBsZQ==
Mime Code	Mandatory	String	image/jpeg
Filename	Mandatory	String	drawing5.jpg

A receiver of an invoice or credit note, shall accept and process attachments that are according to the code list [media-type]

5.3 Legend

[SOURCE: EN 16931-1, modified table layout by EIPA]

Each information element, as well as groups of information elements, that constitutes the semantic data model of the core elements of an electronic Invoice is described as a row in the table documented in 3.2.3 where the following information is provided:

ID	Level	Card.	BusinessTerm	Description	Semantic Datatype	Section
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ID

An identifier for the information element (ibt - Business Term) and group of information elements (ibg - Business terms Group). The identifiers are not necessarily consecutive or in sequence.

Level

Indicates on which level in the model the information element occurs:

- 1: The first level of the model;

- 2: The second level of the model. The information element (or the group of information elements) is part of a group of information elements which is defined at the first level of the model;
- 3: The third level of the model. The information element (or the group of information elements) is part of a group of information elements which is defined at the second level of the model;
- 4: The fourth level of the model. The information element is part of a group of information elements which is defined at the third level of the model.

Card

Cardinality. Also known as multiplicity is used to indicate if an information element (or group of information elements) is mandatory or conditional, and if it is repeatable. The cardinality shall always be analysed in the context of where the information element is used.

EXAMPLE: The Payee Name is mandatory in the core invoice model, but only when a Payee is stated and is relevant.

The following cardinalities exist:

- 1..1: Mandatory, minimum 1 occurrence and maximum 1 occurrence of the information element (or group of information elements) shall be present in any compliant instance document;
 - 1..n: Mandatory and repeatable, minimum 1 occurrence and unbounded upper maximum occurrences of the information element (or group of information elements) shall be present in any compliant instance document;
 - 0..1: Conditional, minimum 0 occurrences and maximum 1 occurrence of the information element (or group of information elements) may be present in any compliant instance document; it's use depends on business rules stated as well as the regulatory, commercial and contractual conditions that applies to the business transaction;
 - 0..n: Conditional and repeatable, minimum 0 occurrences and unbounded upper maximum occurrences of the information element (or group of information elements) may be present in any compliant instance document; it's use depends on business rules stated as well as the regulatory, commercial and contractual conditions that applies to the business transaction.
- Business Term: The name of the information element used in the core invoice model or the name of a coherent group of related information elements, provided to give logical meaning.

Description

A description of the semantic meaning of the information element.

Semantic datatype

The data format that applies to the information element (see 5.2). There are some data elements with semantic datatype Schema, which correspond to Schema identifier in 5.2.8.

Section

layer that enable interoperability is specified in エラー! 参照元が見つかりません。.

5.4 The semantic model

[SOURCE: Japanese Peppol BIS Documentation]

Table 14 lists semantic model.

Table 14 — Semantic model

ID	Level	Card.	BusinessTerm	Description	Semantic Datatype	Section
ibt-001	1	1..1	Invoice number	A unique identification of the Invoice.	Identifier	S
ibt-002	1	1..1	Invoice issue date	The date when the Invoice was issued.	Date	S
ibt-168	1	0..1	Invoice issue time	The time of day when an invoice was issued	Time	S
ibt-003	1	1..1	Invoice type code	A code specifying the functional type of the Invoice.	Code	S
ibt-005	1	1..1	Invoice currency code	The currency in which all Invoice amounts are given, except for the Total TAX amount in accounting currency.	Code	S
ibt-006	1	0..1	Tax accounting currency	The currency used for TAX accounting and reporting purposes as accepted or required in the country of the Seller.	Code	A
ibt-007	1	0..1	TAX point date	The date when the TAX becomes accountable for the Seller and for the Buyer in so far as that date can be determined and differs from the date of issue of the invoice, according to the TAX directive.	Date	A
ibt-008	1	0..1	TAX point date code	The code of the date when the TAX becomes accountable for the Seller and for the Buyer.	Code	A
ibt-009	1	0..1	Payment due date	The date when the payment is due.	Date	S
ibt-010	1	0..1	Buyer reference	An identifier assigned by the Buyer used for internal routing purposes.	Text	S
ibt-011	1	0..1	Project reference	The identification of the project the invoice refers to	Document Reference	S
ibt-012	1	0..1	Contract reference	The identification of a contract.	Document Reference	S
ibt-013	1	0..1	Purchase order reference	An identifier of a referenced purchase order, issued by the Buyer.	Document Reference	S
ibt-014	1	0..1	Sales order reference	An identifier of a referenced sales order issued by the Seller.	Document Reference	S
ibt-015	1	0..1	Receiving advice reference	An identifier of a referenced receiving advice.	Document Reference	S
ibt-016	1	0..n	Despatch advice reference	An identifier of a referenced despatch advice.	Document Reference	A
ibt-017	1	0..1	Tender or lot reference	The identification of the call for tender or lot the invoice relates to.	Document Reference	S

ID	Level	Card.	BusinessTerm	Description	Semantic Datatype	Section
ibt-018	1	0..1	Invoiced object identifier	An identifier for an object on which the invoice is based, given by the Seller.	Identifier	S
ibt-018-1	2	0..1	The identification scheme identifier of the Invoiced object identifier	If it may be not clear for the receiver what scheme is used for the identifier, a conditional scheme identifier should be used that shall be chosen from the UNTDID 1153 code list [6] entries.	Scheme	S
ibt-019	1	0..1	Buyer accounting reference	A textual value that specifies where to book the relevant data into the Buyer's financial accounts.	Text	S
ibg-33	1	0..n	INVOICE TERMS	Information about the terms that apply to the settlement of the invoice amount.	Group	A
ibt-020	2	0..1	Payment terms	A textual description of the payment terms that apply to the amount due for payment (Including description of possible penalties).	Text	S
ibt-187	2	0..1	Terms payment instructions ID	The payment instructions that apply to these payment terms.	Identifier	A
ibt-176	2	0..1	Terms amount	The payment amount that these terms apply to.	Amount	A
ibt-177	2	0..1	Terms installment due date	The date before end of which the terms amount shall be settled.	Date	A
ibg-01	1	0..n	INVOICE NOTE	A group of business terms providing textual notes that are relevant for the invoice, together with an indication of the note subject.	Business term Group	
ibt-021	2	0..1	Invoice note subject code	The subject of the textual note in EN ibt-22.	Text	S
ibt-022	2	0..1	Invoice note	A textual note that gives unstructured information that is relevant to the Invoice as a whole.	Text	S
ibg-02	1	1..1	PROCESS CONTROL	A group of business terms providing information on the business process and rules applicable to the Invoice document.	Business term Group	
ibt-023	2	0..1	Business process type (Profile ID)	Identifies the business process context in which the transaction appears, to enable the Buyer to process the Invoice in an appropriate way.	Text	S
ibt-024	2	1..1	Specification identifier (Customization ID)	An identification of the specification containing the total set of rules regarding semantic content, cardinalities and business rules to which the data contained in the instance document conforms.	Identifier	S
ibg-03	1	0..n	PRECEDING INVOICE REFERENCE	A group of business terms providing information on one or more preceding Invoices.	Business term Group	

5 Semantic data model

ID	Level	Card.	BusinessTerm	Description	Semantic Datatype	Section
ibt-025	2	1..1	Preceding Invoice reference	The identification of an Invoice that was previously sent by the Seller.	Document Reference	S
ibt-026	2	0..1	Preceding Invoice issue date	The date when the Preceding Invoice was issued.	Date	S
ibg-04	1		SELLER	A group of business terms providing information about the Seller.	Business term Group	
ibt-027	2	1..1	Seller name	The full formal name by which the Seller is registered in the national registry of legal entities or as a Taxable person or otherwise trades as a person or persons.	Text	S
ibt-028	2	0..1	Seller trading name	A name by which the Seller is known, other than Seller name (also known as Business name).	Text	S
ibt-029	2	0..n	Seller identifier	An identification of the Seller.	Identifier	S
ibt-029-1	3	0..1	Scheme identifier	If used, the identification scheme identifier shall be chosen from the entries of the list published by the ISO/IEC 6523 maintenance agency.	Scheme	S
ibt-030	2	0..1	Seller legal registration identifier	An identifier issued by an official registrar that identifies the Seller as a legal entity or person.	Identifier	S
ibt-030-1	3	0..1	Scheme identifier	If used, the identification scheme shall be chosen from the entries of the list published by the ISO/IEC 6523 maintenance agency.	Scheme	S
ibt-031	2	0..1	Seller TAX identifier	The Seller's TAX identifier (also known as Seller TAX identification number).	Identifier	A
ibt-032	2	0..1	Seller TAX registration identifier	The local identification (defined by the Seller's address) of the Seller for tax purposes or a reference that enables the Seller to state his registered tax status.	Identifier	A
ibt-032-1	2	0..1	Tax Scheme	A code indicating the type of tax	Scheme	
ibt-033	2	0..1	Seller additional legal information	Additional legal information relevant for the Seller.	Text	S
ibt-034	2	0..1	Seller electronic address	Identifies the Seller's electronic address to which the application level response to the invoice may be delivered.	Identifier	S
ibt-034-1	3	1..1	Scheme identifier	The scheme identifier shall be chosen from a list to be maintained by the Connecting Europe Facility.	Scheme	S
ibg-05	2	1..1	SELLER POSTAL ADDRESS	A group of business terms providing information about the address of the Seller.	Business term Group	
ibt-035	3	0..1	Seller address line 1	The main address line in an address.	Text	S

ID	Level	Card.	BusinessTerm	Description	Semantic Datatype	Section
ibt-036	3	0..1	Seller address line 2	An additional address line in an address that can be used to give further details supplementing the main line.	Text	S
ibt-162	3	0..1	Seller address line 3	An additional address line in an address that can be used to give further details supplementing the main line.	Text	S
ibt-037	3	0..1	Seller city	The common name of the city, town or village, where the Seller address is located.	Text	S
ibt-038	3	0..1	Seller post code	The identifier for an addressable group of properties according to the relevant postal service.	Text	S
ibt-039	3	0..1	Seller country subdivision	The subdivision of a country.	Text	S
ibt-040	3	1..1	Seller country code	A code that identifies the country.	Code	S
ibg-06	2	0..1	SELLER CONTACT	A group of business terms providing contact information about the Seller.	Business term Group	
ibt-041	3	0..1	Seller contact point	A contact point for a legal entity or person.	Text	S
ibt-042	3	0..1	Seller contact telephone number	A phone number for the contact point.	Text	S
ibt-043	3	0..1	Seller contact email address	An e-mail address for the contact point.	Text	S
ibg-07	1	1..1	BUYER	A group of business terms providing information about the Buyer.	Business term Group	
ibt-044	2	1..1	Buyer name	The full name of the Buyer.	Text	S
ibt-045	2	0..1	Buyer trading name	A name by which the Buyer is known, other than Buyer name (also known as Business name).	Text	S
ibt-046	2	0..n	Buyer identifier	An identifier of the Buyer.	Identifier	S
ibt-046-1	3	0..1	Scheme identifier	If used, the identification scheme shall be chosen from the entries of the list published by the ISO/IEC 6523 maintenance agency.	Scheme	S
ibt-047	2	0..1	Buyer legal registration identifier	An identifier issued by an official registrar that identifies the Buyer as a legal entity or person.	Identifier	S
ibt-047-1	3	0..1	Scheme identifier	If used, the identification scheme shall be chosen from the entries of the list published by the ISO/IEC 6523 maintenance agency.	Scheme	S
ibt-048	2	0..1	Buyer TAX identifier	The Buyer's TAX identifier (also known as Buyer TAX identification number).	Identifier	A
ibt-048-1	3	0..1	Tax Scheme	A code indicating the type of tax	Scheme	

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ID	Level	Card.	BusinessTerm	Description	Semantic Datatype	Section
ibt-049	2	0..1	Buyer electronic address	Identifies the Buyer's electronic address to which the invoice is delivered.	Identifier	S
ibt-049-1	3	1..1	Scheme identifier	The scheme identifier shall be chosen from a list to be maintained by the Connecting Europe Facility.	Scheme	S
ibg-08	2	1..1	BUYER POSTAL ADDRESS	A group of business terms providing information about the postal address for the Buyer.	Business term Group	
ibt-050	3	0..1	Buyer address line 1	The main address line in an address.	Text	S
ibt-051	3	0..1	Buyer address line 2	An additional address line in an address that can be used to give further details supplementing the main line.	Text	S
ibt-163	3	0..1	Buyer address line 3	An additional address line in an address that can be used to give further details supplementing the main line.	Text	S
ibt-052	3	0..1	Buyer city	The common name of the city, town or village, where the Buyer's address is located.	Text	S
ibt-053	3	0..1	Buyer post code	The identifier for an addressable group of properties according to the relevant postal service.	Text	S
ibt-054	3	0..1	Buyer country subdivision	The subdivision of a country.	Text	S
ibt-055	3	1..1	Buyer country code	A code that identifies the country.	Code	S
ibg-09	2	0..1	BUYER CONTACT	A group of business terms providing contact information relevant for the Buyer.	Business term Group	
ibt-056	3	0..1	Buyer contact point	A contact point for a legal entity or person.	Text	S
ibt-057	3	0..1	Buyer contact telephone number	A phone number for the contact point.	Text	S
ibt-058	3	0..1	Buyer contact email address	An e-mail address for the contact point.	Text	S
ibg-10	1	0..1	PAYEE	A group of business terms providing information about the Payee, i.e. the role that receives the payment.	Business term Group	
ibt-059	2	1..1	Payee name	The name of the Payee.	Text	S
ibt-060	2	0..1	Payee identifier	An identifier for the Payee.	Identifier	S
ibt-060-1	3	0..1	Scheme identifier	If used, the identification scheme shall be chosen from the entries of the list published by the ISO/IEC 6523 maintenance agency.	Scheme	S

ID	Level	Card.	BusinessTerm	Description	Semantic Datatype	Section
ibt-061	2	0..1	Payee legal registration identifier	An identifier issued by an official registrar that identifies the Payee as a legal entity or person.	Identifier	S
ibt-061-1	3	0..1	Scheme identifier	If used, the identification scheme shall be chosen from the entries of the list published by the ISO/IEC 6523 maintenance agency.	Scheme	S
ibg-11	1	0..1	SELLER TAX REPRESENTATIVE PARTY	A group of business terms providing information about the Seller's tax representative.	Business term Group	
ibt-062	2	1..1	Seller tax representative name	The full name of the Seller's tax representative party.	Text	A
ibt-063	2	1..1	Seller tax representative TAX identifier	The TAX identifier of the Seller's tax representative party.	Identifier	A
ibt-063-1	2	0..1	Tax Scheme	A code indicating the type of tax	Scheme	
ibg-12	2	1..1	SELLER TAX REPRESENTATIVE POSTAL ADDRESS	A group of business terms providing information about the postal address for the tax representative party.	Business term Group	
ibt-064	3	0..1	Tax representative address line 1	The main address line in an address.	Text	S
ibt-065	3	0..1	Tax representative address line 2	An additional address line in an address that can be used to give further details supplementing the main line.	Text	S
ibt-164	3	0..1	Tax representative address line 3	An additional address line in an address that can be used to give further details supplementing the main line.	Text	S
ibt-066	3	0..1	Tax representative city	The common name of the city, town or village, where the tax representative address is located.	Text	S
ibt-067	3	0..1	Tax representative post code	The identifier for an addressable group of properties according to the relevant postal service.	Text	S
ibt-068	3	0..1	Tax representative country subdivision	The subdivision of a country.	Text	S
ibt-069	3	1..1	Tax representative country code	A code that identifies the country.	Code	S
ibg-13	1	0..1	DELIVERY INFORMATION	A group of business terms providing information about where and when the goods and services invoiced are delivered.	Business term Group	
ibt-070	2	0..1	Deliver to party name	The name of the party to which the goods and services are delivered.	Text	S
ibt-071	2	0..1	Deliver to location identifier	An identifier for the location at which the goods and services are delivered.	Identifier	S

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ID	Level	Card.	BusinessTerm	Description	Semantic Datatype	Section
ibt-071-1	3	0..1	Scheme identifier	If used, the identification scheme shall be chosen from the entries of the list published by the ISO/IEC 6523 maintenance agency.	Scheme	S
ibt-072	2	0..1	Actual delivery date	the date on which the supply of goods or services was made or completed.	Date	S
ibg-14	2	0..1	INVOICING PERIOD	A group of business terms providing information on the invoice period.	Business term Group	
ibt-073	3	0..1	Invoicing period start date	The date when the Invoice period starts.	Date	S
ibt-074	3	0..1	Invoicing period end date	The date when the Invoice period ends.	Date	S
ibg-15	2	0..1	DELIVER TO ADDRESS	A group of business terms providing information about the address to which goods and services invoiced were or are delivered.	Business term Group	
ibt-075	3	0..1	Deliver to address line 1	The main address line in an address.	Text	S
ibt-076	3	0..1	Deliver to address line 2	An additional address line in an address that can be used to give further details supplementing the main line.	Text	S
ibt-165	3	0..1	Deliver to address line 3	An additional address line in an address that can be used to give further details supplementing the main line.	Text	S
ibt-077	3	0..1	Deliver to city	The common name of the city, town or village, where the deliver to address is located.	Text	S
ibt-078	3	0..1	Deliver to post code	The identifier for an addressable group of properties according to the relevant postal service.	Text	S
ibt-079	3	0..1	Deliver to country subdivision	The subdivision of a country.	Text	S
ibt-080	3	1..1	Deliver to country code	A code that identifies the country.	Code	S
ibg-16	1	0..n	PAYMENT INSTRUCTIONS	A group of business terms providing information about the payment.	Business term Group	
ibt-178	2	0..1	Payment Instructions ID	An identifier for the payment instructions.	Identifier	A
ibt-081	2	1..1	Payment means type code	The means, expressed as code, for how a payment is expected to be or has been settled.	Code	A
ibt-082	2	0..1	Payment means text	The means, expressed as text, for how a payment is expected to be or has been settled.	Text	S

ID	Level	Card.	BusinessTerm	Description	Semantic Datatype	Section
ibt-083	2	0..n	Remittance information	A textual value used for payment routing or to establish a link between the payment and the Invoice.	Text	A
ibt-083-1	3	0..1	Scheme identifier	The identification of the identification scheme. As example ABA	Code	A
ibg-17	2	0..n	CREDIT TRANSFER	A group of business terms to specify credit transfer payments.	Business term Group	
ibt-084	3	1..1	Payment account identifier	A unique identifier of the financial payment account, at a payment service provider, to which payment should be made.	Identifier	S
ibt-084-1	3	0..1	Scheme identifier	The identification of the identification scheme. As example IBAN	Code	A
ibt-085	3	0..1	Payment account name	The name of the payment account, at a payment service provider, to which payment should be made.	Text	S
ibt-086	3	0..1	Payment service provider identifier	An identifier for the payment service provider where a payment account is located.	Identifier	S
ibg-34	3	0..1	PAYMENT ACCOUNT ADDRESS	The address of the financial institution or its branch that holds the payment account.	Business term Group	
ibt-169	4	0..1	Account address line 1	The main address line in an address.	Text	A
ibt-170	4	0..1	Account address line 2	An additional address line in an address that can be used to give further details supplementing the main line.	Text	A
ibt-171	4	0..1	Account city	The common name of the city, town or village, where the account address is located.	Text	A
ibt-172	4	0..1	Account post code	The identifier for an addressable group of properties according to the relevant postal service.	Text	A
ibt-173	4	0..1	Account country subdivision	The subdivision of a country.	Text	A
ibt-174	4	0..1	Account address line 3	An additional address line in an address that can be used to give further details supplementing the main line.	Text	A
ibt-175	4	0..1	Account country code	A code that identifies the country.	Code	A
ibg-18	2	0..1	PAYMENT CARD INFORMATION	A group of business terms providing information about card used for payment contemporaneous with invoice issuance.	Business term Group	
ibt-087	3	1..1	Payment card primary account number	The Primary Account Number (PAN) of the card used for payment.	Text	S

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ID	Level	Card.	BusinessTerm	Description	Semantic Datatype	Section
ibt-088	3	0..1	Payment card holder name	The name of the payment card holder.	Text	S
ibg-19	2	0..1	DIRECT DEBIT	A group of business terms to specify a direct debit.	Business term Group	
ibt-089	3	0..1	Mandate reference identifier	Unique identifier assigned by the Payee for referencing the direct debit mandate.	Identifier	S
ibt-090	3	0..1	Bank assigned creditor identifier	Unique banking reference identifier of the Payee or Seller assigned by the Payee or Seller bank.	Identifier	A
ibt-090-1	4	0..1	Scheme identifier	If used, the identification scheme identifier shall be chosen from the entries of the list published by the ISO/IEC 6523 maintenance agency.	Scheme	S
ibt-091	3	0..1	Debited account identifier	The account to be debited by the direct debit.	Identifier	S
ibg-35	1	0..n	PAID AMOUNTS	The amount of the payment in the invoice currency.	Business term Group	
ibt-179	2	0..1	Payment identifier	An identifier that references the payment, such as bank transfer identifier.	Identifier	A
ibt-180	2	1..1	Paid amount	The amount of the payment in the invoice currency.	Amount	A
ibt-181	2	0..1	The date when the paid amount is debited to the invoice	The date when the prepaid amount was received by the seller.	Date	A
ibt-182	2	0..1	Payment type	The type of the the payment.	Code	A
ibg-20	1	0..n	DOCUMENT LEVEL ALLOWANCES	A group of business terms providing information about allowances applicable to the Invoice as a whole.	Business term Group	
ibt-092	2	1..1	Document level allowance amount	The amount of an allowance, without TAX.	Amount	S
ibt-093	2	0..1	Document level allowance base amount	The base amount that may be used, in conjunction with the document level allowance percentage, to calculate the document level allowance amount.	Amount	S
ibt-094	2	0..1	Document level allowance percentage	The percentage that may be used, in conjunction with the document level allowance base amount, to calculate the document level allowance amount.	Percent	S
ibt-095	2	1..1	Document level allowance TAX category code	A coded identification of what TAX category applies to the document level allowance.	Code	A
ibt-096	2	0..1	Document level allowance TAX rate	The TAX rate, represented as percentage that applies to the document level allowance.	Percent	A

ID	Level	Card.	BusinessTerm	Description	Semantic Datatype	Section
ibt-096-1	3	0..1	Tax Scheme	A code indicating the type of tax	Scheme	
ibt-097	2	0..1	Document level allowance reason	The reason for the document level allowance, expressed as text.	Text	S
ibt-098	2	0..1	Document level allowance reason code	The reason for the document level allowance, expressed as a code.	Code	S
ibg-21	1	0..n	DOCUMENT LEVEL CHARGES	A group of business terms providing information about charges and taxes other than TAX, applicable to the Invoice as a whole.	Business term Group	
ibt-099	2	1..1	Document level charge amount	The amount of a charge, without TAX.	Amount	S
ibt-100	2	0..1	Document level charge base amount	The base amount that may be used, in conjunction with the document level charge percentage, to calculate the document level charge amount.	Amount	S
ibt-101	2	0..1	Document level charge percentage	The percentage that may be used, in conjunction with the document level charge base amount, to calculate the document level charge amount.	Percent	S
ibt-102	2	1..1	Document level charge TAX category code	A coded identification of what TAX category applies to the document level charge.	Code	A
ibt-103	2	0..1	Document level charge TAX rate	The TAX rate, represented as percentage that applies to the document level charge.	Percent	A
ibt-103-1	3	0..1	Tax Scheme	A code indicating the type of tax	Scheme	
ibt-104	2	0..1	Document level charge reason	The reason for the document level charge, expressed as text.	Text	S
ibt-105	2	0..1	Document level charge reason code	The reason for the document level charge, expressed as a code.	Code	S
ibg-22	1	1..1	DOCUMENT TOTALS	A group of business terms providing the monetary totals for the Invoice.	Business term Group	
ibt-106	2	1..1	Sum of Invoice line net amount	Sum of all Invoice line net amounts in the Invoice.	Amount	S
ibt-107	2	0..1	Sum of allowances on document level	Sum of all allowances on document level in the Invoice.	Amount	S
ibt-108	2	0..1	Sum of charges on document level	Sum of all charges on document level in the Invoice.	Amount	S
ibt-109	2	1..1	Invoice total amount without TAX	The total amount of the Invoice without TAX.	Amount	S
ibt-110	2	0..1	Invoice total TAX amount	The total TAX amount for the Invoice.	Amount	S
ibt-111	2	0..1	Invoice total TAX amount in accounting currency	The TAX total amount expressed in the accounting currency accepted or required in the country of the Seller.	Amount	A

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ID	Level	Card.	BusinessTerm	Description	Semantic Datatype	Section
ibt-112	2	1..1	Invoice total amount with TAX	The total amount of the Invoice with tax.	Amount	S
ibt-113	2	0..1	Paid amount	The sum of amounts which have been paid in advance.	Amount	S
ibt-114	2	0..1	Rounding amount	The amount to be added to the invoice total to round the amount to be paid.	Amount	S
ibt-115	2	1..1	Amount due for payment	The outstanding amount that is requested to be paid.	Amount	S
ibg-23	1	1..n	TAX BREAKDOWN	A group of business terms providing information about TAX breakdown by different categories, rates and exemption reasons	Business term Group	
ibt-116	2	1..1	TAX category taxable amount	Sum of all taxable amounts subject to a specific TAX category code and TAX category rate (if the TAX category rate is applicable).	Amount	A
ibt-117	2	1..1	TAX category tax amount	The total TAX amount for a given TAX category.	Amount	A
ibt-118	2	1..1	TAX category code	Coded identification of a TAX category.	Code	A
ibt-118-1	3	0..1	Tax Scheme	A code indicating the type of tax	Scheme	
ibt-119	2	0..1	TAX category rate	The TAX rate, represented as percentage that applies for the relevant TAX category.	Percent	A
ibt-120	2	0..1	TAX exemption reason text	A textual statement of the reason why the amount is exempted from TAX or why no TAX is being charged	Text	A
ibt-121	2	0..1	TAX exemption reason code	A coded statement of the reason for why the amount is exempted from TAX.	Code	A
ibg-24	1	0..n	ADDITIONAL SUPPORTING DOCUMENTS	A group of business terms providing information about additional supporting documents substantiating the claims made in the Invoice.	Business term Group	
ibt-122	2	1..1	Supporting document reference	An identifier of the supporting document.	Document Reference	S
ibt-123	2	0..1	Supporting document description	A description of the supporting document.	Text	S
ibt-124	2	0..1	External document location	The URL (Uniform Resource Locator) that identifies where the external document is located.	Text	S
ibt-125	2	0..1	Attached document	An attached document embedded as binary object or sent together with the invoice.	Binary Objects	S

ID	Level	Card.	BusinessTerm	Description	Semantic Datatype	Section
ibt-125-1	3	1..1	Attached document Mime code	Allowed mime codes:\n- application/pdf\n- image/png\n- image/jpeg\n- text/csv\n- application/vnd.openxmlformats-officedocument.spreadsheetml.sheet\n- application/vnd.oasis.opendocument.spreadsheet	Scheme	A
ibt-125-2	3	1..1	Attached document Filename	File name	Scheme	S
ibg-25	1	1..n	INVOICE LINE	A group of business terms providing information on individual Invoice lines.	Business term Group	
ibt-126	2	1..1	Invoice line identifier	A unique identifier for the individual line within the Invoice.	Identifier	S
ibt-127	2	0..1	Invoice line note	A textual note that gives unstructured information that is relevant to the Invoice line.	Text	S
ibt-128	2	0..1	Invoice line object identifier	An identifier for an object on which the invoice line is based, given by the Seller.	Identifier	S
ibt-128-1	3	0..1	Scheme identifier	If it may be not clear for the receiver what scheme is used for the identifier, a conditional scheme identifier should be used that shall be chosen from the UNTDID 1153 code list [6] entries.	Scheme	S
ibt-188	2	0..1	Invoice line document identifier	An identifiers for a document that the invoice line refers to.	Document Reference	A
ibt-189	2	0..1	Document type code	A code that qualifies the type of the document that is referenced.	Code	A
ibt-129	2	1..1	Invoiced quantity	The quantity of items (goods or services) that is charged in the Invoice line.	Quantity	S
ibt-130	2	1..1	Invoiced quantity unit of measure code	The unit of measure that applies to the invoiced quantity.	Code	S
ibt-131	2	1..1	Invoice line net amount	The total amount of the Invoice line.	Amount	S
ibt-132	2	0..1	Referenced purchase order line reference	An identifier for a referenced line within a purchase order, issued by the Buyer.	Document Reference	S
ibt-183	2	0..1	Order reference	An identifier for a referenced purchase order, issued by the Buyer.	Document Reference	A
ibt-184	2	0..1	Despatch advice reference	An identifier for a referenced despatch advice.	Document Reference	A
ibt-133	2	0..1	Invoice line Buyer accounting reference	A textual value that specifies where to book the relevant data into the Buyer's financial accounts.	Text	S
ibg-26	2	0..1	INVOICE LINE PERIOD	A group of business terms providing information about the period relevant for the Invoice line.	Business term Group	

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ID	Level	Card.	BusinessTerm	Description	Semantic Datatype	Section
ibt-134	3	0..1	Invoice line period start date	The date when the Invoice period for this Invoice line starts.	Date	S
ibt-135	3	0..1	Invoice line period end date	The date when the Invoice period for this Invoice line ends.	Date	S
ibg-27	2	0..n	INVOICE LINE ALLOWANCES	A group of business terms providing information about allowances applicable to the individual Invoice line.	Business term Group	
ibt-136	3	1..1	Invoice line allowance amount	The amount of an allowance, without TAX.	Amount	S
ibt-137	3	0..1	Invoice line allowance base amount	The base amount that may be used, in conjunction with the Invoice line allowance percentage, to calculate the Invoice line allowance amount.	Amount	S
ibt-138	3	0..1	Invoice line allowance percentage	The percentage that may be used, in conjunction with the Invoice line allowance base amount, to calculate the Invoice line allowance amount.	Percent	S
ibt-139	3	0..1	Invoice line allowance reason	The reason for the Invoice line allowance, expressed as text.	Text	S
ibt-140	3	0..1	Invoice line allowance reason code	The reason for the Invoice line allowance, expressed as a code.	Code	S
ibg-28	2	0..n	INVOICE LINE CHARGES	A group of business terms providing information about charges and taxes other than TAX applicable to the individual Invoice line.	Business term Group	
ibt-141	3	1..1	Invoice line charge amount	The amount of a charge, without TAX.	Amount	S
ibt-142	3	0..1	Invoice line charge base amount	The base amount that may be used, in conjunction with the Invoice line charge percentage, to calculate the Invoice line charge amount.	Amount	S
ibt-143	3	0..1	Invoice line charge percentage	The percentage that may be used, in conjunction with the Invoice line charge base amount, to calculate the Invoice line charge amount.	Percent	S
ibt-144	3	0..1	Invoice line charge reason	The reason for the Invoice line charge, expressed as text.	Text	S
ibt-145	3	0..1	Invoice line charge reason code	The reason for the Invoice line charge, expressed as a code.	Code	S
ibg-29	2	1..1	PRICE DETAILS	A group of business terms providing information about the price applied for the goods and services invoiced on the Invoice line.	Business term Group	

ID	Level	Card.	BusinessTerm	Description	Semantic Datatype	Section
ibt-146	3	1..1	Item net price	The price of an item, exclusive of TAX, after subtracting item price discount.	Unit Price Amount	S
ibt-147	3	0..1	Item price discount	The total discount subtracted from the Item gross price to calculate the Item net price.	Unit Price Amount	S
ibt-148	3	0..1	Item gross price	The unit price, exclusive of TAX, before subtracting Item price discount.	Unit Price Amount	S
ibt-149	3	0..1	Item price base quantity	The number of item units to which the price applies.	Quantity	S
ibt-150	3	0..1	Item price base quantity unit of measure code	The unit of measure that applies to the Item price base quantity.	Code	S
ibg-30	2	1..n	LINE TAX INFORMATION	A group of business terms providing information about the TAX applicable for the goods and services invoiced on the Invoice line.	Business term Group	A
ibt-151	3	1..1	Invoiced item TAX category code	The TAX category code for the invoiced item.	Code	A
ibt-152	3	0..1	Invoiced item TAX rate	The TAX rate, represented as percentage that applies to the invoiced item.	Percent	A
ibt-185	3	0..1	TAX exemption reason code	A coded statement of the reason for why the line amount is exempted from TAX.	Code	A
ibt-186	3	0..1	TAX exemption reason text	A textual statement of the reason why the line amount is exempted from TAX or why no TAX is being charged	Text	A
ibt-166	3	0..1	Unit TAX	A TAX amount that applied to each item unit.	Amount	A
ibt-167	3	0..1	Tax Scheme	A code indicating the type of tax	Scheme	A
ibg-31	2	1..1	ITEM INFORMATION	A group of business terms providing information about the goods and services invoiced.	Business term Group	
ibt-153	3	1..1	Item name	A name for an item.	Text	S
ibt-154	3	0..n	Item description	A description for an item.	Text	S
ibt-155	3	0..1	Item Seller's identifier	An identifier, assigned by the Seller, for the item.	Identifier	S
ibt-156	3	0..1	Item Buyer's identifier	An identifier, assigned by the Buyer, for the item.	Identifier	S
ibt-157	3	0..1	Item standard identifier	An item identifier based on a registered scheme.	Identifier	S
ibt-157-1	4	1..1	Scheme identifier	The identification scheme shall be identified from the entries of the list published by the ISO/IEC 6523 maintenance agency.	Scheme	S

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ID	Level	Card.	BusinessTerm	Description	Semantic Datatype	Section
ibt-158	3	0..n	Item classification identifier	A code for classifying the item by its type or nature.	Identifier	S
ibt-158-1	4	1..1	Scheme identifier	The identification scheme shall be chosen from the entries in UNTDID 7143 [6].	Scheme	S
ibt-158-2	4	0..1	Scheme version identifier		Scheme	S
ibt-159	3	0..1	Item country of origin	The code identifying the country from which the item originates.	Code	S
ibg-32	3	0..n	ITEM ATTRIBUTES	A group of business terms providing information about properties of the goods and services invoiced.	Business term Group	
ibt-160	4	1..1	Item attribute name	The name of the attribute or property of the item.	Text	S
ibt-161	4	1..1	Item attribute value	The value of the attribute or property of the item.	Text	S
Key Section: Value of section (see エラー! 参照元が見つかりません。) S: Shared, A: Aligned						

6 Syntax binding

6.1 Syntax binding to ISO/IEC 19845:2015 (UBL 2.1)

[EIPA]

6.1.1 Datatype

Syntax binding procedure follows mapping specified in CEN/TS 16931-3-2. ISO/IEC 19845:2015 (UBL 2.1) is registered as ISO/IEC 19845:2015.

Table 15 lists UBL unqualified data type defined in CEN/TS 16931-3-2.

Table 15 — UBL data types [SOURCE: CEN/TS 16931-3-2]

Semantic data type	UBL unqualified data type
Amount	AmountType
Code	CodeType IdentifierType TextType
Date	DateType
Identifier	IdentifierType CodeType
Percent	PercentType NumericType
Quantity	QuantityType
Text	TextType NameType IdentifierType
Unit Price Amount	AmountType
BinaryObject	BinaryObjectType
Document Reference Type	IdentifierType
Attributes	IdentifierType CodeType TextType

Open Peppol defines a document schema as a collection of Common Aggregate Components (cac :) and Common Basic Components (cbc :) elements. The XML element Invoice is of type InvoiceType. This is the complexType of xsd: sequence which is a collection of cbc: elements and cac: elements. cac: element is also a complexType of xsd: sequence which is a collection of cbc: elements and cac: elements. cbc: elements have data types of qualified or unqualified data types based on the CCTS CCT data type (ccts-cct :).

Figure 2 is taken from ISO/IEC 19845:2015 (UBL 2.1) Figure 67. UBL Schema Dependencies. The following diagram shows the dependencies among the schema modules making up a ISO/IEC 19845:2015 (UBL 2.1) document schema.

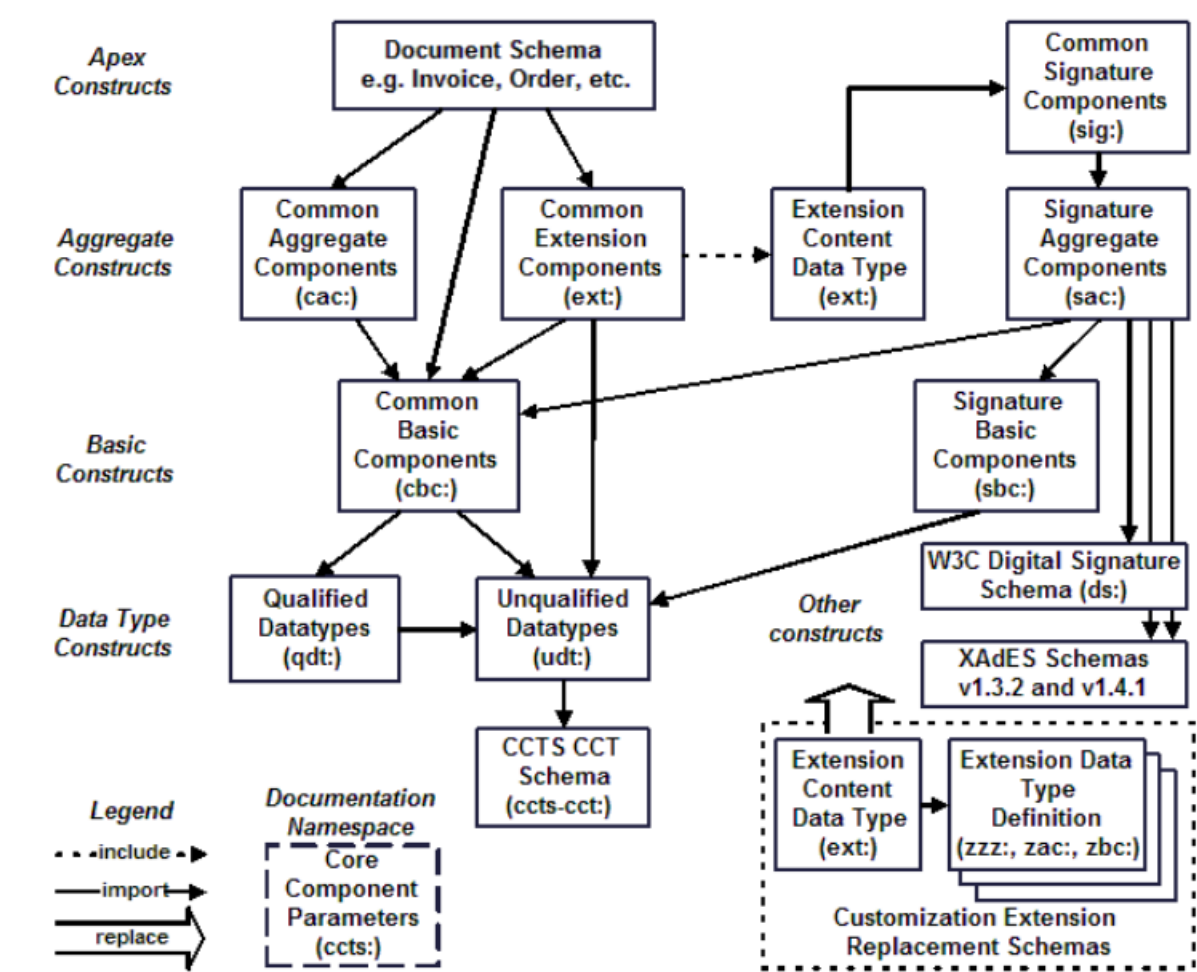


Figure 2 — UBL Schema Dependencies [SOURCE: ISO/IEC 19845:2015 (UBL 2.1)]

CEN/TS 16931-3-2 defines mapping from semantic model to syntax of UBL. And specifies datatype relationship as follows;

As stated, UBL messages are constructed using reusable Business Information Entities. The (data) typing mechanism in UBL also relies heavily on reuse of generic components, both within UBL, but also on the Core Component Technical Specification. Typically this has the following structure:

- The message specification (the invoice XSD) imports schema that specifies all the reusable Business Information Entities (expressed as XML elements);
- The message is constructed by using these BIE's;
- Each BIE (e.g. DocumentCurrencyCode) is based on a type with a similar name (e.g. DocumentCurrencyCodeType);
- Each type is based on one of the UBL “Unqualified Data Types” (e.g. CodeType);
- Each Unqualified Data Type is based on one of the Core Component Types (ccts:CodeType).

[SOURCE: CEN/TS 16931-3-2]

Table 16 lists Unqualified data types (udt:) for UBL.

Table 16 — Unqualified Data Types [ISO/IEC 19845:2015 (UBL 2.1)]

Unique ID	name	XML Sceme datatype	Definition	use
UBLUDT000001	AmountType	ccts-cct: AmountType	A number of monetary units specified using a given unit of currency.	
UNDT000001-SC2	@currencyID	xsd:normalizedString	The currency of the amount. Reference UNECE Rec 9, using 3-letter alphabetic codes.	R
UBLUDT000002	BinaryObjectType	ccts-cct:BinaryObjectType	A set of finite-length sequences of binary octets.	
UNDT000002-SC3	@mimeCode	xsd:normalizedString	The mime type of the binary object.	R
UBLUDT000007	CodeType	ccts-cct:CodeType	A character string (letters, figures, or symbols) that for brevity and/or language independence may be used to represent or replace a definitive value or text of an attribute, together with relevant supplementary information.	
UBLUDT000008	DateTimeType	xsd:dateTime	A particular point in the progression of time, together with relevant supplementary information.	
UBLUDT000009	DateType	xsd:date	One calendar day according the Gregorian calendar.	
UBLUDT0000010	TimeType	xsd:time	An instance of time that occurs every day.	
UBLUDT0000011	IdentifierType	ccts-cct:IdentifierType	A character string to identify and uniquely distinguish one instance of an object in an identification scheme from all other objects in the same scheme, together with relevant supplementary information.	
UBLUDT0000012	IndicatorType	xsd:boolean	A list of two mutually exclusive Boolean values that express the only possible states of a property.	
UBLUDT0000014	NumericType	ccts-cct:NumericType	Numeric information that is assigned or is determined by calculation, counting, or sequencing. It does not require a unit of quantity or unit of measure.	
UBLUDT0000016	PercentType	ccts-cct:NumericType	Numeric information that is assigned or is determined by calculation, counting, or sequencing and is expressed as a percentage. It does not require a	

Unique ID	name	XML Sceme datatype	Definition	use
			unit of quantity or unit of measure.	
UBLUDT0000018	QuantityType	ccts-cct:QuantityType	A counted number of non-monetary units, possibly including a fractional part.	
UBLUDT0000019	TextType	ccts-cct:TextType	A character string (i.e. a finite set of characters), generally in the form of words of a language.	
UBLUDT0000020	NameType	ccts-cct:TextType	A character string that constitutes the distinctive designation of a person, place, thing or concept.	
Key use R: required, O: optional				

Table 17 lists CCTS CCT Schema (Core Component Type Schema, ccts-cct:) for UBL.

Table 17 — CCTS CCT Schema [SOURCE: ISO/IEC 19845:2015 (UBL 2.1)]

Unique ID	name	XML Scheme datatype	Primitive Type	Definition	use
UNDT000001	AmountType	xsd:decimal	decimal	A number of monetary units specified in a currency where the unit of the currency is explicit or implied.	
UNDT000001-SC2	@currencyID	xsd:normalizedString	string	The currency of the amount. Reference UNECE Rec 9, using 3-letter alphabetic codes.	O
UNDT000001-SC3	@currencyCodeListVersionID	xsd:normalizedString	string	The VersionID of the UN/ECE Rec9 code list.	O
UNDT000002	BinaryObjectType	xsd:base64Binary	binary	A set of finite-length sequences of binary octets.	
UNDT000002-SC2	@format	xsd:string	string	The format of the binary content.	O
UNDT000002-SC3	@mimeType	xsd:normalizedString	string	The mime type of the binary object.	O
UNDT000002-SC4	@encodingCode	xsd:normalizedString	string	Specifies the decoding algorithm of the binary object.	O
UNDT000002-SC5	@characterSetCode	xsd:normalizedString	string	The character set of the binary object if the mime type is text.	O
UNDT000002-SC6	@uri	xsd:anyURI	string	The Uniform Resource Identifier that identifies	O

Unique ID	name	XML Scheme datatype	Primitive Type	Definition	use
				where the binary object is located.	
UNDT000002-SC7	@filename	xsd:string	string	The filename of the binary object.	0
UNDT000007	CodeType	xsd:normalizedString	string	A character string (letters, figures, or symbols) that for brevity and/or language independence may be used to represent or replace a definitive value or text of an attribute together with relevant supplementary information.	
UNDT000007-SC2	@listID	xsd:normalizedString	string	The identification of a list of codes.	0
UNDT000007-SC3	@listAgencyID	xsd:normalizedString	string	An agency that maintains one or more lists of codes. Defaults to the UN/EDIFACT data element 3055 code list.	0
UNDT000007-SC4	@listAgencyName	xsd:string	string	The name of the agency that maintains the list of codes.	0
UNDT000007-SC5	@listName	xsd:string	string	The name of a list of codes.	0
UNDT000007-SC6	@listVersionID	xsd:normalizedString	string	The version of the list of codes.	0
UNDT000007-SC7	@name	xsd:string	string	The textual equivalent of the code content component.	0
UNDT000007-SC8	@languageID	xsd:language	string	The identifier of the language used in the code name.	0
UNDT000007-SC9	@listURI	xsd:anyURI	string	The Uniform Resource Identifier that identifies where the code list is located.	0
UNDT000007-SC10	@listSchemeURI	xsd:anyURI	string	The Uniform Resource Identifier that identifies where the code list scheme is located.	0
UNDT000008	DateTimeType	xsd:string	string	A particular point in the progression of time together with the relevant supplementary information.	

Unique ID	name	XML Scheme datatype	Primitive Type	Definition	use
UNDT000008-SC1	@format	xsd:string	string	The format of the date time content	0
UNDT000011	IdentifierType	xsd:normalizedString	string	A character string to identify and distinguish uniquely, one instance of an object in an identification scheme from all other objects in the same scheme together with relevant supplementary information.	
UNDT000011-SC2	@schemeID	xsd:normalizedString	string	The identification of the identification scheme.	0
UNDT000011-SC3	@schemeName	xsd:string	string	The name of the identification scheme.	0
UNDT000011-SC4	@schemeAgencyID	xsd:normalizedString	string	The identification of the agency that maintains the identification scheme. Defaults to the UN/EDIFACT data element 3055 code list.	0
UNDT000011-SC5	@schemeAgencyName	xsd:string	string	The name of the agency that maintains the identification scheme.	0
UNDT000011-SC6	@schemeVersionID	xsd:normalizedString	string	The version of the identification scheme.	0
UNDT000011-SC7	@schemeDataURI	xsd:anyURI	string	The Uniform Resource Identifier that identifies where the identification scheme data is located.	0
UNDT000011-SC8	@schemeURI	xsd:anyURI	string	The Uniform Resource Identifier that identifies where the identification scheme is located.	0
UNDT000012	IndicatorType	xsd:string	string	A list of two mutually exclusive Boolean values that express the only possible states of a Property.	
UNDT000012-SC2	@format	xsd:string	string	Whether the indicator is numeric, textual or binary.	0
UNDT000013	MeasureType	xsd:decimal	decimal	A numeric value determined by measuring an object along with the specified unit of measure.	

Unique ID	name	XML Scheme datatype	Primitive Type	Definition	use
UNDT000013-SC2	@unitCode	xsd:normalizedString	string	The type of unit of measure. Reference UNECE Rec. 20 and X12 355	0
UNDT000013-SC3	@unitCodeListVersionID	xsd:normalizedString	string	The version of the measure unit code list.	0
UNDT000014	NumericType	xsd:decimal	string	Numeric information that is assigned or is determined by calculation, counting, or sequencing. It does not require a unit of quantity or unit of measure.	
UNDT000014-SC2	@format	xsd:string	string	Whether the number is an integer, decimal, real number or percentage.	0
UNDT000018	QuantityType	xsd:decimal	decimal	A counted number of non-monetary units possibly including fractions.	
UNDT000018-SC2	@unitCode	xsd:normalizedString	string	The unit of the quantity	0
UNDT000018-SC3	@unitCodeListID	xsd:normalizedString	string	The quantity unit code list.	0
UNDT000018-SC4	@unitCodeListAgencyID	xsd:normalizedString	string	The identification of the agency that maintains the quantity unit code list Defaults to the UN/EDIFACT data element 3055 code list.	0
UNDT000018-SC5	@unitCodeListAgencyName	xsd:string	string	The name of the agency which maintains the quantity unit code list.	0
UNDT000019	TextType	xsd:string	string	A character string (i.e. a finite set of characters) generally in the form of words of a language.	
UNDT000019-SC2	@languageID	xsd:language	string	The identifier of the language used in the content component.	0
UNDT000019-SC3	@languageLocaleID	xsd:normalizedString	string	The identification of the locale of the language.	0
Key use R: required, 0: optional					

6.1.2 Cardinality assessment

CEN/TS 16931-3-1 specifies Cardinality assessment.

Cardinality defines whether or not an element shall be used, may be omitted and how many times it might be repeated in a specific context. The cardinality of an element in the syntax shall be the same or less restrictive than the corresponding element in the model. An element that is mandatory in the model may be optional in the syntax specification, but not the other way around. An element that is repeating in the model shall also be repeating in the syntax specification.

Table 18 is taken from CEN/TS 16931-3-1 Table 3 -- Alignment of cardinalities and lists possible cardinality mismatches.

Table 18 — Alignment of cardinalities

ID	SOURCE	TARGET	ISSUE	RESOLUTION
CAR-1	optional (0..x)	mandatory (1..x)	If the value is not present, the UBL schema validation reports an error	Agree on "default value if missing" (e.g. 0, 1-1-1970, AAA)
CAR-2	mandatory (1..x)	optional (0..x)	None.	Add a rule in the schematron that the element shall be present.
CAR-3	single (x..1)	multiple (x..n)	None.	Add a rule in the schematron that the element shall not be repeated.
CAR-4	multiple (x..n)	single (x..1)	Repeating elements cannot be handled.	1) If possible, repeat a higher level in the structure. 2) In the case of text elements, concatenate the repeating elements.
CAR-5	element missing	element mandatory	Yes.	Agree on "default value if missing" (e.g. 0, 1-1-1970, AAA)

NOTE: Default value in case CAR-1 and CAR-5 shall be defined. Schematron rule shall be defined in case CAR-2 and CAR-3. In CASE-4 possible resolution shall be chosen. Schematron should report warning when optional target element is used while this element is missing from semantic definition.

Table 19 lists elements that requires cardinality alignment.

Table 19 — Elements require cardinality alignment

ID	Level	Business Term	Semantic	UBL	Alignment of cardinalities	Section
ibt-168	1	Invoice issue time	0..1	1..1	CAR-1	Shared
ibt-003	1	Invoice type code	1..1	0..1	CAR-2	Shared
ibt-005	1	Invoice currency code	1..1	0..1	CAR-2	Shared
ibt-008	1	TAX point date code	0..1	0..n	CAR-3	Aligned
ibt-011	1	Project reference	0..1	1..1	CAR-1	Shared
ibt-012	1	Contract reference	0..1	1..1	CAR-1	Shared
ibt-013	1	Purchase order reference	0..1	1..1	CAR-1	Shared
ibt-015	1	Receiving advice reference	0..1	1..1	CAR-1	Shared
ibt-016	1	Despatch advice reference	0..n	1..1	CAR-4	Aligned
ibt-017	1	Tender or lot reference	0..1	1..1	CAR-1	Shared
ibt-018	1	Invoiced object identifier	0..1	1..1	CAR-1	Shared

ID	Level	Business Term	Semantic	UBL	Alignment of cardinalities	Section
ibt-020	2	Payment terms	0..1	0..n	CAR-3	Shared
ibt-187	2	Terms payment instructions ID	0..1	0..n	CAR-3	Aligned
ibt-021	2	Invoice note subject code	0..1	0..n	CAR-3	Shared
ibt-022	2	Invoice note	0..1	0..n	CAR-3	Shared
ibt-024	2	Specification identifier	1..1	0..1	CAR-2	Shared
ibt-027	2	Seller name	1..1	0..1	CAR-2	Shared
ibt-028	2	Seller trading name	0..1	1..1	CAR-1	Shared
ibt-029	2	Seller identifier	0..n	1..1	CAR-4	Shared
ibt-090	3	Bank assigned creditor identifier	0..1	1..1	CAR-1	Aligned
ibg-05	2	SELLER POSTAL ADDRESS	1..1	0..1	CAR-2	
ibt-162	3	Seller address line 3	0..1	1..1	CAR-1	Shared
ibt-040	3	Seller country code	1..1	0..1	CAR-2	Shared
ibt-044	2	Buyer name	1..1	0..1	CAR-2	Shared
ibt-045	2	Buyer trading name	0..1	1..1	CAR-1	Shared
ibt-046	2	Buyer identifier	0..n	1..1	CAR-4	Shared
ibg-08	2	BUYER POSTAL ADDRESS	1..1	0..1	CAR-2	
ibt-163	3	Buyer address line 3	0..1	1..1	CAR-1	Shared
ibt-055	3	Buyer country code	1..1	0..1	CAR-2	Shared
ibt-060	2	Payee identifier	0..1	1..1	CAR-1	Shared
ibt-063	2	Seller tax representative TAX identifier	1..1	0..1	CAR-2	Aligned
ibg-12	2	SELLER TAX REPRESENTATIVE POSTAL ADDRESS	1..1	0..1	CAR-2	
ibt-164	3	Tax representative address line 3	0..1	1..1	CAR-1	Shared
ibt-069	3	Tax representative country code	1..1	0..1	CAR-2	Shared
ibg-13	1	DELIVERY INFORMATION	0..1	0..n	CAR-3	
ibt-070	2	Deliver to party name	0..1	1..1	CAR-1	Shared
ibt-072	2	Actual delivery date	0..1	0..n	CAR-3	Shared
ibt-165	3	Deliver to address line 3	0..1	1..1	CAR-1	Shared
ibt-080	3	Deliver to country code	1..1	0..1	CAR-2	Shared
ibg-17	2	CREDIT TRANSFER	0..n	0..1	CAR-4	
ibt-084	3	Payment account identifier	1..1	0..1	CAR-2	Shared
ibt-180	2	Paid amount	1..1	0..1	CAR-2	Aligned
ibt-095	2	Document level allowance TAX category code	1..1	0..1	CAR-2	Aligned
ibt-097	2	Document level allowance reason	0..1	0..n	CAR-3	Shared
ibt-102	2	Document level charge TAX category code	1..1	0..1	CAR-2	Aligned
ibt-104	2	Document level charge reason	0..1	0..n	CAR-3	Shared

ID	Level	Business Term	Semantic	UBL	Alignment of cardinalities	Section
ibt-106	2	Sum of Invoice line net amount	1..1	0..1	CAR-2	Shared
ibt-109	2	Invoice total amount without TAX	1..1	0..1	CAR-2	Shared
ibt-110	2	Invoice total TAX amount	0..1	1..1	CAR-1	Shared
ibt-111	2	Invoice total TAX amount in accounting currency	0..1	1..1	CAR-1	Aligned
ibt-112	2	Invoice total amount with TAX	1..1	0..1	CAR-2	Shared
ibg-23	1	TAX BREAKDOWN	1..n	0..n	CAR-2	
ibt-116	2	TAX category taxable amount	1..1	0..1	CAR-2	Aligned
ibt-118	2	TAX category code	1..1	0..1	CAR-2	Aligned
ibt-120	2	TAX exemption reason text	0..1	0..n	CAR-3	Aligned
ibt-123	2	Supporting document description	0..1	0..n	CAR-3	Shared
ibt-127	2	Invoice line note	0..1	0..n	CAR-3	Shared
ibt-128	2	Invoice line object identifier	0..1	1..1	CAR-1	Shared
ibt-129	2	Invoiced quantity	1..1	0..1	CAR-2	Shared
ibt-132	2	Referenced purchase order line reference	0..1	1..1	CAR-1	Shared
ibt-183	2	Order reference	0..1	1..1	CAR-1	Aligned
ibt-184	2	Despatch advice reference	0..1	1..1	CAR-1	Aligned
ibg-26	2	INVOICE LINE PERIOD	0..1	0..n	CAR-3	
ibt-139	3	Invoice line allowance reason	0..1	0..n	CAR-3	Shared
ibt-144	3	Invoice line charge reason	0..1	0..n	CAR-3	Shared
ibg-29	2	PRICE DETAILS	1..1	0..1	CAR-2	
ibt-147	3	Item price discount	0..1	1..1	CAR-1	Shared
ibg-30	2	LINE TAX INFORMATION	1..n	0..n	CAR-2	Aligned
ibt-151	3	Invoiced item TAX category code	1..1	0..1	CAR-2	Aligned
ibt-186	3	TAX exemption reason code	0..1	0..n	CAR-3	Aligned
ibt-153	3	Item name	1..1	0..1	CAR-2	Shared
ibt-155	3	Item Seller's identifier	0..1	1..1	CAR-1	Shared
ibt-156	3	Item Buyer's identifier	0..1	1..1	CAR-1	Shared
ibt-157	3	Item standard identifier	0..1	1..1	CAR-1	Shared
ibt-158	3	Item classification identifier	0..n	0..1	CAR-4	Shared
ibt-161	4	Item attribute value	1..1	0..1	CAR-2	Shared

6.2 Mapping the Invoice model

[SOURCE: Japanese Peppol BIS Documentation]

6.2.1 Semantic model to UBL Invoice syntax elements mapping

[EIPA]

Table 20 shows the UBL syntax binding for the PINT semantic data model.

NOTE 1: Business terms used in the table below covers both invoice and credit notes. The tag names are correct according to the UBL Invoice and UBL Credit note schema.

NOTE 2: The table below contains spaces in XPath to make them easier to read. Make sure to remove any spaces before use.

Table 20 — Semantic model to UBL Invoice syntax elements mapping

ID	Level	Card.	Business Term	UBL syntax XPath
ibt-001	1	1..1	Invoice number	<code>/*/ cbc:ID</code>
ibt-002	1	1..1	Invoice issue date	<code>/*/ cbc:IssueDate</code>
ibt-168	1	0..1	Invoice issue time	<code>/*/ cbc:IssueTime</code>
ibt-003	1	1..1	Invoice type code	<code>(/Invoice/ cbc:InvoiceTypeCode /CreditNote/ cbc:CreditNoteTypeCode)</code>
ibt-005	1	1..1	Invoice currency code	<code>/*/ cbc:DocumentCurrencyCode</code>
ibt-006	1	0..1	Tax accounting currency	<code>/*/ cbc:TaxCurrencyCode</code>
ibt-007	1	0..1	TAX point date	<code>/*/ cbc:TaxPointDate</code>
ibt-008	1	0..1	TAX point date code	<code>/*/ cac:InvoicePeriod/ cbc:DescriptionCode</code>
ibt-009	1	0..1	Payment due date	<code>/*/ cbc:DueDate</code>
ibt-010	1	0..1	Buyer reference	<code>/*/ cbc:BuyerReference</code>
ibt-011	1	0..1	Project reference	<code>/*/ cac:ProjectReference/ cbc:ID</code>
ibt-012	1	0..1	Contract reference	<code>/*/ cac:ContractDocumentReference/ cbc:ID</code>
ibt-013	1	0..1	Purchase order reference	<code>/*/ cac:OrderReference/ cbc:ID</code>
ibt-014	1	0..1	Sales order reference	<code>/*/ cac:OrderReference/ cbc:SalesOrderID</code>
ibt-015	1	0..1	Receiving advice reference	<code>/*/ cac:ReceiptDocumentReference/ cbc:ID</code>
ibt-016	1	0..n	Despatch advice reference	<code>/*/ cac:DespatchDocumentReference/ cbc:ID</code>
ibt-017	1	0..1	Tender or lot reference	<code>/*/ cac:OriginatorDocumentReferenc/ cbc:ID</code>
ibt-018	1	0..1	Invoiced object identifier	<code>/*/cac:AdditionalDocumentReference[cbc:Docum entTypeCode = '130']/ cbc:ID</code>
ibt-018-1	2	0..1	The identification scheme identifier of the Invoiced object identifier	<code>/*/ cac:AdditionalDocumentReference[cbc:Document TypeCode = '130']/ cbc:ID/ @schemeID</code>
ibt-019	1	0..1	Buyer accounting reference	<code>/*/ cbc:AccountingCost</code>
ibg-33	1	0..n	INVOICE TERMS	<code>/*/ cac:PaymentTerms</code>
ibt-020	2	0..1	Payment terms	<code>/*/ cac:PaymentTerms/ cbc:Note</code>
ibt-187	2	0..1	Terms payment instructions ID	<code>/*/ cac:PaymentTerms/ cbc:PaymentMeansID</code>
ibt-176	2	0..1	Terms amount	<code>/*/ cac:PaymentTerms/ cbc:Amount</code>
ibt-177	2	0..1	Terms installment due date	<code>/*/ cac:PaymentTerms/ cbc:InstallmentDueDate</code>

ID	Level	Card.	Business Term	UBL syntax XPath
ibg-01	1	0..n	INVOICE NOTE	
ibt-021	2	0..1	Invoice note subject code	/*/ cbc:Note
ibt-022	2	0..1	Invoice note	/*/ cbc:Note
ibg-02	1	1..1	PROCESS CONTROL	
ibt-023	2	0..1	Business process type (Profile ID)	/*/ cbc:ProfileID
ibt-024	2	1..1	Specification identifier (Customization ID)	/*/ cbc:CustomizationID
ibg-03	1	0..n	PRECEDING INVOICE REFERENCE	/*/ cac:BillingReference
ibt-025	2	1..1	Preceding Invoice reference	/*/ cac:BillingReference/ cac:InvoiceDocumentReference/ cbc:ID
ibt-026	2	0..1	Preceding Invoice issue date	/*/ cac:BillingReference/ cac:InvoiceDocumentReference/ cbc:IssueDate
ibg-04	1		SELLER	/*/ cac:AccountingSupplierParty
ibt-027	2	1..1	Seller name	/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PartyLegalEntity/ cbc:RegistrationName
ibt-028	2	0..1	Seller trading name	/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PartyName/ cbc:Name
ibt-029	2	0..n	Seller identifier	/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PartyIdentification/ cbc:ID
ibt-090	3	0..1	Bank assigned creditor identifier	/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PartyIdentification/ cbc:ID
ibt-029-1	3	0..1	Scheme identifier	/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PartyIdentification/ cbc:ID/ @schemeID
ibt-090-1	4	0..1	Scheme identifier	/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PartyIdentification/ cbc:ID/ @schemeID
ibt-030	2	0..1	Seller legal registration identifier	/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PartyLegalEntity/ cbc:CompanyID
ibt-030-1	3	0..1	Scheme identifier	/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PartyLegalEntity/ cbc:CompanyID/ @schemeID
ibt-031	2	0..1	Seller TAX identifier	/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PartyTaxScheme/ cbc:CompanyID
ibt-032	2	0..1	Seller TAX registration identifier	/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PartyTaxScheme/ cbc:CompanyID
ibt-032a	2	0..1	Tax Scheme	/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PartyTaxScheme/ cac:TaxScheme/ cbc:ID
ibt-033	2	0..1	Seller additional legal information	/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PartyLegalEntity/ cbc:CompanyLegalForm
ibt-034	2	0..1	Seller electronic address	/*/ cac:AccountingSupplierParty/ cac:Party/ cbc:EndpointID

ID	Level	Card.	Business Term	UBL syntax XPath
ibt-034-1	3	1..1	Scheme identifier	<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cbc:EndpointID/ @schemeID</code>
ibg-05	2	1..1	SELLER POSTAL ADDRESS	<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PostalAddress</code>
ibt-035	3	0..1	Seller address line 1	<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PostalAddress/ cbc:StreetName</code>
ibt-036	3	0..1	Seller address line 2	<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PostalAddress/ cbc:AdditionalStreetName</code>
ibt-162	3	0..1	Seller address line 3	<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PostalAddress/ cac:AddressLine/ cbc:Line</code>
ibt-037	3	0..1	Seller city	<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PostalAddress/ cbc:CityName</code>
ibt-038	3	0..1	Seller post code	<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PostalAddress/ cbc:PostalZone</code>
ibt-039	3	0..1	Seller country subdivision	<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PostalAddress/ cbc:CountrySubentity</code>
ibt-040	3	1..1	Seller country code	<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PostalAddress/ cac:Country/ cbc:IdentificationCode</code>
ibg-06	2	0..1	SELLER CONTACT	<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:Contact</code>
ibt-041	3	0..1	Seller contact point	<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:Contact/ cbc:Name</code>
ibt-042	3	0..1	Seller contact telephone number	<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:Contact/ cbc:Telephone</code>
ibt-043	3	0..1	Seller contact email address	<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:Contact/ cbc:ElectronicMail</code>
ibg-07	1	1..1	BUYER	<code>/*/ cac:AccountingCustomerParty</code>
ibt-044	2	1..1	Buyer name	<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PartyLegalEntity/ cbc:RegistrationName</code>
ibt-045	2	0..1	Buyer trading name	<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PartyName/ cbc:Name</code>
ibt-046	2	0..n	Buyer identifier	<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PartyIdentification/ cbc:ID</code>
ibt-046-1	3	0..1	Scheme identifier	<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PartyIdentification/ cbc:ID/ @schemeID</code>
ibt-047	2	0..1	Buyer legal registration identifier	<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PartyLegalEntity/ cbc:CompanyID</code>
ibt-047-1	3	0..1	Scheme identifier	<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PartyLegalEntity/ cbc:CompanyID/ @schemeID</code>
ibt-048	2	0..1	Buyer TAX identifier	<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PartyTaxScheme/ cbc:CompanyID</code>

ID	Level	Card.	Business Term	UBL syntax XPath
ibt-048-1	3	0..1	Tax Scheme	<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PartyTaxScheme/ cac:TaxScheme/ cbc:ID</code>
ibt-049	2	0..1	Buyer electronic address	<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cbc:EndpointID</code>
ibt-049-1	3	1..1	Scheme identifier	<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cbc:EndpointID/ @schemeID</code>
ibg-08	2	1..1	BUYER POSTAL ADDRESS	<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PostalAddress</code>
ibt-050	3	0..1	Buyer address line 1	<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PostalAddress/ cbc:StreetName</code>
ibt-051	3	0..1	Buyer address line 2	<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PostalAddress/ cbc:AdditionalStreetName</code>
ibt-163	3	0..1	Buyer address line 3	<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PostalAddress/ cac:AddressLine/ cbc:Line</code>
ibt-052	3	0..1	Buyer city	<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PostalAddress/ cbc:CityName</code>
ibt-053	3	0..1	Buyer post code	<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PostalAddress/ cbc:PostalZone</code>
ibt-054	3	0..1	Buyer country subdivision	<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PostalAddress/ cbc:CountrySubentity</code>
ibt-055	3	1..1	Buyer country code	<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PostalAddress/ cac:Country/ cbc:IdentificationCode</code>
ibg-09	2	0..1	BUYER CONTACT	<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:Contact</code>
ibt-056	3	0..1	Buyer contact point	<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:Contact/ cbc:Name</code>
ibt-057	3	0..1	Buyer contact telephone number	<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:Contact/ cbc:Telephone</code>
ibt-058	3	0..1	Buyer contact email address	<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:Contact/ cbc:ElectronicMail</code>
ibg-10	1	0..1	PAYEE	<code>/*/ cac:PayeeParty</code>
ibt-059	2	1..1	Payee name	<code>/*/ cac:PayeeParty/ cac:PartyName/ cbc:Name</code>
ibt-060	2	0..1	Payee identifier	<code>/*/ cac:PayeeParty/ cac:PartyIdentification/ cbc:ID</code>
ibt-060-1	3	0..1	Scheme identifier	<code>/*/ cac:PayeeParty/ cac:PartyIdentification/ cbc:ID/ @schemeID</code>
ibt-061	2	0..1	Payee legal registration identifier	<code>/*/ cac:PayeeParty/ cac:PartyLegalEntity/ cbc:CompanyID</code>
ibt-061-1	3	0..1	Scheme identifier	<code>/*/ cac:PayeeParty/ cac:PartyLegalEntity/ cbc:CompanyID/ @schemeID</code>
ibg-11	1	0..1	SELLER TAX REPRESENTATIVE PARTY	<code>/*/ cac:TaxRepresentativeParty</code>

ID	Level	Card.	Business Term	UBL syntax XPath
ibt-062	2	1..1	Seller tax representative name	<code>/* / cac:TaxRepresentativeParty / cac:PartyName / cbc:Name</code>
ibt-063	2	1..1	Seller tax representative TAX identifier	<code>/* / cac:TaxRepresentativeParty / cac:PartyTaxScheme / cbc:CompanyID</code>
ibt-063-1	2	0..1	Tax Scheme	<code>/* / cac:TaxRepresentativeParty / cac:PartyTaxScheme / cac:TaxScheme / cbc:ID</code>
ibg-12	2	1..1	SELLER TAX REPRESENTATIVE POSTAL ADDRESS	<code>/* / cac:TaxRepresentativeParty / cac:PostalAddress</code>
ibt-064	3	0..1	Tax representative address line 1	<code>/* / cac:TaxRepresentativeParty / cac:PostalAddress / cbc:StreetName</code>
ibt-065	3	0..1	Tax representative address line 2	<code>/* / cac:TaxRepresentativeParty / cac:PostalAddress / cbc:AdditionalStreetName</code>
ibt-164	3	0..1	Tax representative address line 3	<code>/* / cac:TaxRepresentativeParty / cac:PostalAddress / cac:AddressLine / cbc:Line</code>
ibt-066	3	0..1	Tax representative city	<code>/* / cac:TaxRepresentativeParty / cac:PostalAddress / cbc:CityName</code>
ibt-067	3	0..1	Tax representative post code	<code>/* / cac:TaxRepresentativeParty / cac:PostalAddress / cbc:PostalZone</code>
ibt-068	3	0..1	Tax representative country subdivision	<code>/* / cac:TaxRepresentativeParty / cac:PostalAddress / cbc:CountrySubentity</code>
ibt-069	3	1..1	Tax representative country code	<code>/* / cac:TaxRepresentativeParty / cac:PostalAddress / cac:Country / cbc:IdentificationCode</code>
ibg-13	1	0..1	DELIVERY INFORMATION	<code>/* / cac:Delivery</code>
ibt-070	2	0..1	Deliver to party name	<code>/* / cac:Delivery / cac:DeliveryParty / cac:PartyName / cbc:Name</code>
ibt-071	2	0..1	Deliver to location identifier	<code>/* / cac:Delivery / cac:DeliveryLocation / cbc:ID</code>
ibt-071-1	3	0..1	Scheme identifier	<code>/* / cac:Delivery / cac:DeliveryLocation / cbc:ID / @schemeID</code>
ibt-072	2	0..1	Actual delivery date	<code>/* / cac:Delivery / cbc:ActualDeliveryDate</code>
ibg-14	2	0..1	INVOICING PERIOD	<code>/* / cac:InvoicePeriod</code>
ibt-073	3	0..1	Invoicing period start date	<code>/* / cac:InvoicePeriod / cbc:StartDate</code>
ibt-074	3	0..1	Invoicing period end date	<code>/* / cac:InvoicePeriod / cbc:EndDate</code>
ibg-15	2	0..1	DELIVER TO ADDRESS	<code>/* / cac:Delivery / cac:DeliveryLocation / cac:Address</code>
ibt-075	3	0..1	Deliver to address line 1	<code>/* / cac:Delivery / cac:DeliveryLocation / cac:Address / cbc:StreetName</code>
ibt-076	3	0..1	Deliver to address line 2	<code>/* / cac:Delivery / cac:DeliveryLocation / cac:Address / cbc:AdditionalStreetName</code>
ibt-165	3	0..1	Deliver to address line 3	<code>/* / cac:Delivery / cac:DeliveryLocation / cac:Address / cac:AddressLine / cbc:Line</code>

ID	Level	Card.	Business Term	UBL syntax XPath
ibt-077	3	0..1	Deliver to city	<code>/*/ cac:Delivery/ cac:DeliveryLocation/ cac:Address/ cbc:CityName</code>
ibt-078	3	0..1	Deliver to post code	<code>/*/ cac:Delivery/ cac:DeliveryLocation/ cac:Address/ cbc:PostalZone</code>
ibt-079	3	0..1	Deliver to country subdivision	<code>/*/ cac:Delivery/ cac:DeliveryLocation/ cac:Address/ cbc:CountrySubentity</code>
ibt-080	3	1..1	Deliver to country code	<code>/*/ cac:Delivery/ cac:DeliveryLocation/ cac:Address/ cac:Country/ cbc:IdentificationCode</code>
ibg-16	1	0..n	PAYMENT INSTRUCTIONS	<code>/*/ cac:PaymentMeans</code>
ibt-178	2	0..1	Payment Instructions ID	<code>/*/ cac:PaymentMeans/ cbc:ID</code>
ibt-081	2	1..1	Payment means type code	<code>/*/ cac:PaymentMeans/ cbc:PaymentMeansCode</code>
ibt-082	2	0..1	Payment means text	<code>/*/ cac:PaymentMeans/ cbc:PaymentMeansCode/ @Name</code>
ibt-083	2	0..n	Remittance information	<code>/*/ cac:PaymentMeans/ cbc:PaymentID</code>
ibt-083-1	3	0..1	Scheme identifier	<code>/*/ cac:PaymentMeans/ cbc:PaymentID/ @SchemeID</code>
ibg-17	2	0..n	CREDIT TRANSFER	<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount</code>
ibt-084	3	1..1	Payment account identifier	<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cbc:ID</code>
ibt-084-1	3	0..1	Scheme identifier	<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cbc:ID/ @SchemeID</code>
ibt-085	3	0..1	Payment account name	<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cbc:Name</code>
ibt-086	3	0..1	Payment service provider identifier	<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cac:FinancialInstitutionBranch/ cbc:ID</code>
ibg-34	3	0..1	ADDRESS	<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cac:FinancialInstitutionBranch/ cac:Address</code>
ibt-169	4	0..1	Account address line 1	<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cac:FinancialInstitutionBranch/ cac:Address/ cbc:StreetName</code>
ibt-170	4	0..1	Account address line 2	<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cac:FinancialInstitutionBranch/ cac:Address/ cbc:AdditionalStreetName</code>
ibt-171	4	0..1	Account city	<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cac:FinancialInstitutionBranch/ cac:Address/ cbc:CityName</code>

ID	Level	Card.	Business Term	UBL syntax XPath
ibt-172	4	0..1	Account post code	<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cac:FinancialInstitutionBranch/ cac:Address/ cbc:PostalZone</code>
ibt-173	4	0..1	Account country subdivision	<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cac:FinancialInstitutionBranch/ cac:Address/ cbc:CountrySubentity</code>
ibt-174	4	0..1	Account address line 3	<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cac:FinancialInstitutionBranch/ cac:Address/ cac:AddressLine/ cbc:Line</code>
ibt-175	4	0..1	Account country code	<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cac:FinancialInstitutionBranch/ cac:Address/ cac:Country/ cbc:IdentificationCode</code>
ibg-18	2	0..1	PAYMENT CARD INFORMATION	<code>/*/ cac:PaymentMeans/ cac:CardAccount</code>
ibt-087	3	1..1	Payment card primary account number	<code>/*/ cac:PaymentMeans/ cac:CardAccount/ cbc:PrimaryAccountNumberID</code>
ibt-088	3	0..1	Payment card holder name	<code>/*/ cac:PaymentMeans/ cac:CardAccount/ cbc:HolderName</code>
ibg-19	2	0..1	DIRECT DEBIT	<code>/*/ cac:PaymentMeans/ cac:PaymentMandate</code>
ibt-089	3	0..1	Mandate reference identifier	<code>/*/ cac:PaymentMeans/ cac:PaymentMandate/ cbc:ID</code>
ibt-091	3	0..1	Debited account identifier	<code>/*/ cac:PaymentMeans/ cac:PaymentMandate/ cac:PayerFinancialAccount/ cbc:ID</code>
ibg-35	1	0..n	PAID AMOUNTS	<code>/*/ cac:PrepaidPayment</code>
ibt-179	2	0..1	Payment identifier	<code>/*/ cac:PrepaidPayment/ cbc:ID</code>
ibt-180	2	1..1	Paid amount	<code>/*/ cac:PrepaidPayment/ cbc:PaidAmount</code>
ibt-181	2	0..1	The date when the paid amount is debited to the invoice	<code>/*/ cac:PrepaidPayment/ cbc:ReceivedDate</code>
ibt-182	2	0..1	Payment type	<code>/*/ cac:PrepaidPayment/ cbc:InstructionID</code>
ibg-20	1	0..n	DOCUMENT LEVEL ALLOWANCES	<code>/*/ cac:AllowanceCharge[cbc:ChargeIndicator = false[]]</code>
ibt-092	2	1..1	Document level allowance amount	<code>/*/ cac:AllowanceCharge[cbc:ChargeIndicator = false[]]/ cbc:Amount</code>
ibt-093	2	0..1	Document level allowance base amount	<code>/*/ cac:AllowanceCharge[cbc:ChargeIndicator = false[]]/ cbc:BaseAmount</code>
ibt-094	2	0..1	Document level allowance percentage	<code>/*/ cac:AllowanceCharge[cbc:ChargeIndicator = false[]]/ cbc:MultiplierFactorNumeric</code>
ibt-095	2	1..1	Document level allowance TAX category code	<code>/*/ cac:AllowanceCharge[cbc:ChargeIndicator = false[]]/ cac:TaxCategory/ cbc:ID</code>

ID	Level	Card.	Business Term	UBL syntax XPath
ibt-096	2	0..1	Document level allowance TAX rate	<code>/*/ cac:AllowanceCharge[cbc:ChargeIndicator = false()]/ cac:TaxCategory/ cbc:Percent</code>
ibt-096-1	3	0..1	Tax Scheme	<code>/*/ cac:AllowanceCharge[cbc:ChargeIndicator = false()]/ cac:TaxCategory/ cac:TaxScheme/ cbc:ID</code>
ibt-097	2	0..1	Document level allowance reason	<code>/*/ cac:AllowanceCharge[cbc:ChargeIndicator = false()]/ cbc:AllowanceChargeReason</code>
ibt-098	2	0..1	Document level allowance reason code	<code>/*/ cac:AllowanceCharge[cbc:ChargeIndicator = false()]/ cbc:AllowanceChargeReasonCode</code>
ibg-21	1	0..n	DOCUMENT LEVEL CHARGES	<code>/*/ cac:AllowanceCharge[cbc:ChargeIndicator = true()]</code>
ibt-099	2	1..1	Document level charge amount	<code>/*/ cac:AllowanceCharge[cbc:ChargeIndicator = true()]/ cbc:Amount</code>
ibt-100	2	0..1	Document level charge base amount	<code>/*/ cac:AllowanceCharge[cbc:ChargeIndicator = true()]/ cbc:BaseAmount</code>
ibt-101	2	0..1	Document level charge percentage	<code>/*/ cac:AllowanceCharge[cbc:ChargeIndicator = true()]/ cbc:MultiplierFactorNumeric</code>
ibt-102	2	1..1	Document level charge TAX category code	<code>/*/ cac:AllowanceCharge[cbc:ChargeIndicator = true()]/ cac:TaxCategory/ cbc:ID</code>
ibt-103	2	0..1	Document level charge TAX rate	<code>/*/ cac:AllowanceCharge[cbc:ChargeIndicator = true()]/ cac:TaxCategory/ cbc:Percent</code>
ibt-103-1	3	0..1	Tax Scheme	<code>/*/ cac:AllowanceCharge[cbc:ChargeIndicator = true()]/ cac:TaxCategory/ cac:TaxScheme/ cbc:ID</code>
ibt-104	2	0..1	Document level charge reason	<code>/*/ cac:AllowanceCharge[cbc:ChargeIndicator = true()]/ cbc:AllowanceChargeReason</code>
ibt-105	2	0..1	Document level charge reason code	<code>/*/ cac:AllowanceCharge[cbc:ChargeIndicator = true()]/ cbc:AllowanceChargeReasonCode</code>
ibg-22	1	1..1	DOCUMENT TOTALS	<code>/*/ cac:LegalMonetaryTotal</code>
ibt-106	2	1..1	Sum of Invoice line net amount	<code>/*/ cac:LegalMonetaryTotal/ cbc:LineExtensionAmount</code>
ibt-107	2	0..1	Sum of allowances on document level	<code>/*/ cac:LegalMonetaryTotal/ cbc:AllowanceTotalAmount</code>
ibt-108	2	0..1	Sum of charges on document level	<code>/*/ cac:LegalMonetaryTotal/ cbc:ChargeTotalAmount</code>
ibt-109	2	1..1	Invoice total amount without TAX	<code>/*/ cac:LegalMonetaryTotal/ cbc:TaxExclusiveAmount</code>
ibt-110	2	0..1	Invoice total TAX amount	<code>/*/ cac:TaxTotal/ cbc:TaxAmount[@currencyID=/*/ cbc:DocumentCurrencyCode/ text()]</code>
ibt-111	2	0..1	Invoice total TAX amount in accounting currency	<code>/*/ cac:TaxTotal/ cbc:TaxAmount[@currencyID=/*/ cbc:TaxCurrencyCode/ text()]</code>
ibt-112	2	1..1	Invoice total amount with TAX	<code>/*/ cac:LegalMonetaryTotal/ cbc:TaxInclusiveAmount</code>

ID	Level	Card.	Business Term	UBL syntax XPath
ibt-113	2	0..1	Paid amount	<code>/* / cac:LegalMonetaryTotal / cbc:PrepaidAmount</code>
ibt-114	2	0..1	Rounding amount	<code>/* / cac:LegalMonetaryTotal / cbc:PayableRoundingAmount</code>
ibt-115	2	1..1	Amount due for payment	<code>/* / cac:LegalMonetaryTotal / cbc:PayableAmount</code>
ibg-23	1	1..n	TAX BREAKDOWN	<code>/* / cac:TaxTotal / cac:TaxSubtotal</code>
ibt-116	2	1..1	TAX category taxable amount	<code>/* / cac:TaxTotal / cac:TaxSubtotal / cbc:TaxableAmount</code>
ibt-117	2	1..1	TAX category tax amount	<code>/* / cac:TaxTotal / cac:TaxSubtotal / cbc:TaxAmount</code>
ibt-118	2	1..1	TAX category code	<code>/* / cac:TaxTotal / cac:TaxSubtotal / cac:TaxCategory / cbc:ID</code>
ibt-118-1	3	0..1	Tax Scheme	<code>/* / cac:TaxTotal / cac:TaxSubtotal / cac:TaxCategory / cac:TaxScheme / cbc:ID</code>
ibt-119	2	0..1	TAX category rate	<code>/* / cac:TaxTotal / cac:TaxSubtotal / cac:TaxCategory / cbc:Percent</code>
ibt-120	2	0..1	TAX exemption reason text	<code>/* / cac:TaxTotal / cac:TaxSubtotal / cac:TaxCategory / cbc:TaxExemptionReason</code>
ibt-121	2	0..1	TAX exemption reason code	<code>/* / cac:TaxTotal / cac:TaxSubtotal / cac:TaxCategory / cbc:TaxExemptionReasonCode</code>
ibg-24	1	0..n	ADDITIONAL SUPPORTING DOCUMENTS	<code>/* / cac:AdditionalDocumentReference</code>
ibt-122	2	1..1	Supporting document reference	<code>/* / cac:AdditionalDocumentReference / cbc:ID</code>
ibt-123	2	0..1	Supporting document description	<code>/* / cac:AdditionalDocumentReference / cbc:DocumentDescription</code>
ibt-124	2	0..1	External document location	<code>/* / cac:AdditionalDocumentReference / cac:Attachment / cac:ExternalReference / cbc:URI</code>
ibt-125	2	0..1	Attached document	<code>/* / cac:AdditionalDocumentReference / cac:Attachment / cbc:EmbeddedDocumentBinaryObject</code>
ibt-125-1	3	1..1	Attached document Mime code	<code>/* / cac:AdditionalDocumentReference / cac:Attachment / cbc:EmbeddedDocumentBinaryObject / @mimeType</code>
ibt-125-2	3	1..1	Attached document Filename	<code>/* / cac:AdditionalDocumentReference / cac:Attachment / cbc:EmbeddedDocumentBinaryObject / @filename</code>
ibg-25	1	1..n	INVOICE LINE	<code>/(cac:InvoiceLine cac:CreditNoteLine)</code>
ibt-126	2	1..1	Invoice line identifier	<code>/(cac:InvoiceLine cac:CreditNoteLine) / cbc:ID</code>
ibt-127	2	0..1	Invoice line note	<code>/(cac:InvoiceLine cac:CreditNoteLine) / cbc:Note</code>

ID	Level	Card.	Business Term	UBL syntax XPath
ibt-128	2	0..1	Invoice line object identifier	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:DocumentReference[cbc:DocumentTypeCode = '130']/cbc:ID</code>
ibt-128-1	3	0..1	Scheme identifier	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:DocumentReference[cbc:DocumentTypeCode = '130']/cbc:ID/ @schemeID</code>
ibt-188	2	0..1	Invoice line document identifier	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:DocumentReference[not(cbc:DocumentTypeCode = '130')]/cbc:ID</code>
ibt-189	2	0..1	Document type code	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:DocumentReference[not(cbc:DocumentTypeCode = '130')]/cbc:DocumentTypeCode</code>
ibt-129	2	1..1	Invoiced quantity	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cbc:InvoicedQuantity</code>
ibt-130	2	1..1	Invoiced quantity unit of measure code	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cbc:InvoicedQuantity/ @unitCode</code>
ibt-131	2	1..1	Invoice line net amount	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cbc:LineExtensionAmount</code>
ibt-132	2	0..1	Referenced purchase order line reference	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:OrderLineReference/ cbc:LineID</code>
ibt-183	2	0..1	Order reference	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:OrderLineReference/ cac:OrderReference/ cbc:ID</code>
ibt-184	2	0..1	Despatch advice reference	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:DespatchLineReference/ cac:DocumentReference/ cbc:ID</code>
ibt-133	2	0..1	Invoice line Buyer accounting reference	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cbc:AccountingCost</code>
ibg-26	2	0..1	INVOICE LINE PERIOD	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:InvoicePeriod</code>
ibt-134	3	0..1	Invoice line period start date	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:InvoicePeriod/ cbc:StartDate</code>
ibt-135	3	0..1	Invoice line period end date	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:InvoicePeriod/ cbc:EndDate</code>
ibg-27	2	0..n	INVOICE LINE ALLOWANCES	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = false()]</code>
ibt-136	3	1..1	Invoice line allowance amount	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/ cbc:Amount</code>
ibt-137	3	0..1	Invoice line allowance base amount	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/ cbc:BaseAmount</code>

ID	Level	Card.	Business Term	UBL syntax XPath
ibt-138	3	0..1	Invoice line allowance percentage	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/ cbc:MultiplierFactorNumeric</code>
ibt-139	3	0..1	Invoice line allowance reason	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/ cbc:AllowanceChargeReason</code>
ibt-140	3	0..1	Invoice line allowance reason code	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/ cbc:AllowanceChargeReasonCode</code>
ibg-28	2	0..n	INVOICE LINE CHARGES	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = true()]</code>
ibt-141	3	1..1	Invoice line charge amount	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = true()]/ cbc:Amount</code>
ibt-142	3	0..1	Invoice line charge base amount	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = true()]/ cbc:BaseAmount</code>
ibt-143	3	0..1	Invoice line charge percentage	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = true()]/ cbc:MultiplierFactorNumeric</code>
ibt-144	3	0..1	Invoice line charge reason	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = true()]/ cbc:AllowanceChargeReason</code>
ibt-145	3	0..1	Invoice line charge reason code	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = true()]/ cbc:AllowanceChargeReasonCode</code>
ibg-29	2	1..1	PRICE DETAILS	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:Price</code>
ibt-146	3	1..1	Item net price	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:Price/ cbc:PriceAmount</code>
ibt-147	3	0..1	Item price discount	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:Price/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/ cbc:Amount</code>
ibt-148	3	0..1	Item gross price	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:Price/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/ cbc:BaseAmount</code>
ibt-149	3	0..1	Item price base quantity	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:Price/ cbc:BaseQuantity</code>
ibt-150	3	0..1	Item price base quantity unit of measure code	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:Price/ cbc:BaseQuantity/ @unitCode</code>
ibg-30	2	1..n	LINE TAX INFORMATION	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:Item/ cac:ClassifiedTaxCategory</code>
ibt-151	3	1..1	Invoiced item TAX category code	<code>//(cac:InvoiceLine cac:CreditNoteLine)/cac:Item/ cac:ClassifiedTaxCategory/ cbc:ID</code>

ID	Level	Card.	Business Term	UBL syntax XPath
ibt-152	3	0..1	Invoiced item TAX rate	<code>/(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:ClassifiedTaxCategory/ cbc:Percent</code>
ibt-185	3	0..1	TAX exemption reason code	<code>/(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:ClassifiedTaxCategory/ cbc:TaxExemptionReasonCode</code>
ibt-186	3	0..1	TAX exemption reason text	<code>/(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:ClassifiedTaxCategory/ cbc:TaxExemptionReason</code>
ibt-166	3	0..1	Unit TAX	<code>/(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:ClassifiedTaxCategory/ cbc:PerUnitAmount</code>
ibt-167	3	0..1	Tax Scheme	<code>/(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:ClassifiedTaxCategory/ cac:TaxScheme/ cbc:ID</code>
ibg-31	2	1..1	ITEM INFORMATION	<code>/(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item</code>
ibt-153	3	1..1	Item name	<code>/(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cbc:Name</code>
ibt-154	3	0..n	Item description	<code>/(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cbc:Description</code>
ibt-155	3	0..1	Item Seller's identifier	<code>/(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:SellersItemIdentification/ cbc:ID</code>
ibt-156	3	0..1	Item Buyer's identifier	<code>/(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:BuyersItemIdentification/ cbc:ID</code>
ibt-157	3	0..1	Item standard identifier	<code>/(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:StandardItemIdentification/ cbc:ID</code>
ibt-157-1	4	1..1	Scheme identifier	<code>/(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:StandardItemIdentification/ cbc:ID/ @schemeID</code>
ibt-158	3	0..n	Item classification identifier	<code>/(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:CommodityClassification/ cbc:ItemClassificationCode</code>
ibt-158-1	4	1..1	Scheme identifier	<code>/(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:CommodityClassification/ cbc:ItemClassificationCode/ @listID</code>
ibt-158-2	4	0..1	Scheme version identifier	<code>/(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:CommodityClassification/ cbc:ItemClassificationCode/ @listVersionID</code>
ibt-159	3	0..1	Item country of origin	<code>/(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:OriginCountry/ cbc:IdentificationCode</code>
ibg-32	3	0..n	ITEM ATTRIBUTES	<code>/(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:AdditionalItemProperty</code>
ibt-160	4	1..1	Item attribute name	<code>/(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:AdditionalItemProperty/ cbc:Name</code>

ID	Level	Card.	Business Term	UBL syntax XPath
ibt-161	4	1..1	Item attribute value	<code>//*[cac:InvoiceLine cac:CreditNoteLine]/ cac:Item/ cac:AdditionalItemProperty/ cbc:Value</code>

6.2.2 UBL Invoice syntax elements to semantic model mapping

[EIPA]

Table 21 shows the UBL syntax binding for the PINT semantic data model.

NOTE 1: Business terms used in the table below covers both invoice and credit notes. The tag names are correct according to the UBL Invoice and UBL Credit note schema.

NOTE 2: The table below contains spaces in XPath to make them easier to read. Make sure to remove any spaces before use

Table 21 — UBL Invoice syntax elements to semantic model mapping

UBL syntax XPath	ID	Level	Card.	Business Term
<code>/*/cbc:ID</code>	ibt-001	1	1..1	Invoice number
<code>/*/cbc:IssueDate</code>	ibt-002	1	1..1	Invoice issue date
<code>/*/cbc:IssueTime</code>	ibt-168	1	0..1	Invoice issue time
<code>(/Invoice/ cbc:InvoiceTypeCode /CreditNote/ cbc:CreditNoteTypeCode)</code>	ibt-003	1	1..1	Invoice type code
<code>/*/cbc:DocumentCurrencyCode</code>	ibt-005	1	1..1	Invoice currency code
<code>/*/cbc:TaxCurrencyCode</code>	ibt-006	1	0..1	Tax accounting currency
<code>/*/cbc:TaxPointDate</code>	ibt-007	1	0..1	TAX point date
<code>/*/cac:InvoicePeriod/ cbc:DescriptionCode</code>	ibt-008	1	0..1	TAX point date code
<code>/*/cbc:DueDate</code>	ibt-009	1	0..1	Payment due date
<code>/*/cbc:BuyerReference</code>	ibt-010	1	0..1	Buyer reference
<code>/*/cac:ProjectReference</code>				
<code>/*/cac:ProjectReference/ cbc:ID</code>	ibt-011	1	0..1	Project reference
<code>/*/cac:ContractDocumentReference</code>				
<code>/*/cac:ContractDocumentReference/ cbc:ID</code>	ibt-012	1	0..1	Contract reference
<code>/*/cac:OrderReference</code>				
<code>/*/cac:OrderReference/ cbc:ID</code>	ibt-013	1	0..1	Purchase order reference
<code>/*/cac:OrderReference/ cbc:SalesOrderID</code>	ibt-014	1	0..1	Sales order reference
<code>/*/cac:ReceiptDocumentReference</code>				
<code>/*/cac:ReceiptDocumentReference/ cbc:ID</code>	ibt-015	1	0..1	Receiving advice reference
<code>/*/cac:DespatchDocumentReference</code>				
<code>/*/cac:DespatchDocumentReference/ cbc:ID</code>	ibt-016	1	0..n	Despatch advice reference
<code>/*/cac:OriginatorDocumentReference/ cbc:ID</code>	ibt-017	1	0..1	Tender or lot reference
<code>/*/cac:AdditionalDocumentReference[cbc:DocumentTypeCode = '130']/ cbc:ID</code>	ibt-018	1	0..1	Invoiced object identifier
<code>/*/cac:AdditionalDocumentReference[cbc:DocumentTypeCode = '130']/ cbc:ID/ @schemeID</code>	ibt-018-1	2	0..1	The identification scheme identifier of the Invoiced object identifier

UBL syntax XPath	ID	Level	Card.	Business Term
<code>/*/cac:AdditionalDocumentReference/cbc:DocumentTypeCode</code>		2	1..1	Fixed value '130'
<code>/*/cbc:AccountingCost</code>	ibt-019	1	0..1	Buyer accounting reference
<code>/*/cac:PaymentTerms</code>	ibg-33	1	0..n	INVOICE TERMS
<code>/*/cac:PaymentTerms/cbc:Note</code>	ibt-020	2	0..1	Payment terms
<code>/*/cac:PaymentTerms/cbc:PaymentMeansID</code>	ibt-187	2	0..1	Terms payment instructions ID
<code>/*/cac:PaymentTerms/cbc:Amount</code>	ibt-176	2	0..1	Terms amount
<code>/*/cac:PaymentTerms/cbc:InstallmentDueDate</code>	ibt-177	2	0..1	Terms installment due date
	ibg-01	1	0..n	INVOICE NOTE
<code>/*/cbc:Note</code>	ibt-021	2	0..1	Invoice note subject code
<code>/*/cbc:Note</code>	ibt-022	2	0..1	Invoice note
	ibg-02	1	1..1	PROCESS CONTROL
<code>/*/cbc:ProfileID</code>	ibt-023	2	0..1	Business process type (Profile ID)
<code>/*/cbc:CustomizationID</code>	ibt-024	2	1..1	Specification identifier (Customization ID)
<code>/*/cac:BillingReference</code>	ibg-03	1	0..n	PRECEDING INVOICE REFERENCE
<code>/*/cac:BillingReference/cac:InvoiceDocumentReference</code>				
<code>/*/cac:BillingReference/cac:InvoiceDocumentReference/cbc:ID</code>	ibt-025	2	1..1	Preceding Invoice reference
<code>/*/cac:BillingReference/cac:InvoiceDocumentReference/cbc:IssueDate</code>	ibt-026	2	0..1	Preceding Invoice issue date
<code>/*/cac:AccountingSupplierParty</code>	ibg-04	1		SELLER
<code>/*/cac:AccountingSupplierParty/cac:Party</code>				
<code>/*/cac:AccountingSupplierParty/cac:Party/cac:PartyLegalEntity</code>				
<code>/*/cac:AccountingSupplierParty/cac:Party/cac:PartyLegalEntity/cbc:RegistrationName</code>	ibt-027	2	1..1	Seller name
<code>/*/cac:AccountingSupplierParty/cac:Party/cac:PartyName</code>				
<code>/*/cac:AccountingSupplierParty/cac:Party/cac:PartyName/cbc:Name</code>	ibt-028	2	0..1	Seller trading name
<code>/*/cac:AccountingSupplierParty/cac:Party/cac:PartyIdentification</code>			0..n	
<code>/*/cac:AccountingSupplierParty/cac:Party/cac:PartyIdentification/cbc:ID</code>	ibt-029	2	0..n (0..1)	Seller identifier
<code>/*/cac:AccountingSupplierParty/cac:Party/cac:PartyIdentification/cbc:ID</code>	ibt-090	3	0..1	Bank assigned creditor identifier

UBL syntax XPath	ID	Level	Card.	Business Term
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PartyIdentification/ cbc:ID/ @schemeID</code>	ibt-029-1	3	0..1	Scheme identifier
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PartyIdentification/ cbc:ID/ @schemeID</code>	ibt-090-1	4	0..1	Scheme identifier
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PartyLegalEntity/ cbc:CompanyID</code>	ibt-030	2	0..1	Seller legal registration identifier
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PartyLegalEntity/ cbc:CompanyID/ @schemeID</code>	ibt-030-1	3	0..1	Scheme identifier
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PartyTaxScheme</code>				
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PartyTaxScheme/ cbc:CompanyID</code>	ibt-031	2	0..1	Seller TAX identifier
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PartyTaxScheme/ cbc:CompanyID</code>	ibt-032	2	0..1	Seller TAX registration identifier
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PartyTaxScheme/ cac:TaxScheme</code>				
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PartyTaxScheme/ cac:TaxScheme/ cbc:ID</code>	ibt-032-1	2	0..1	Tax Scheme
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PartyLegalEntity/ cbc:CompanyLegalForm</code>	ibt-033	2	0..1	Seller additional legal information
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cbc:EndpointID</code>	ibt-034	2	0..1	Seller electronic address
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cbc:EndpointID/ @schemeID</code>	ibt-034-1	3	1..1	Scheme identifier
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PostalAddress</code>	ibg-05	2	1..1	SELLER POSTAL ADDRESS
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PostalAddress/ cbc:StreetName</code>	ibt-035	3	0..1	Seller address line 1
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PostalAddress/ cbc:AdditionalStreetName</code>	ibt-036	3	0..1	Seller address line 2
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PostalAddress/ cac:AddressLine</code>				
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PostalAddress/ cac:AddressLine/ cbc:Line</code>	ibt-162	3	0..1	Seller address line 3
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PostalAddress/ cbc:CityName</code>	ibt-037	3	0..1	Seller city
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PostalAddress/ cbc:PostalZone</code>	ibt-038	3	0..1	Seller post code
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PostalAddress/ cbc:CountrySubentity</code>	ibt-039	3	0..1	Seller country subdivision
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PostalAddress/ cac:Country</code>				

UBL syntax XPath	ID	Level	Card.	Business Term
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:PostalAddress/ cac:Country/ cbc:IdentificationCode</code>	ibt-040	3	1..1	Seller country code
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:Contact</code>	ibg-06	2	0..1	SELLER CONTACT
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:Contact/ cbc:Name</code>	ibt-041	3	0..1	Seller contact point
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:Contact/ cbc:Telephone</code>	ibt-042	3	0..1	Seller contact telephone number
<code>/*/ cac:AccountingSupplierParty/ cac:Party/ cac:Contact/ cbc:ElectronicMail</code>	ibt-043	3	0..1	Seller contact email address
<code>/*/ cac:AccountingCustomerParty</code>	ibg-07	1	1..1	BUYER
<code>/*/ cac:AccountingCustomerParty/ cac:Party</code>				
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PartyLegalEntity</code>				
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PartyLegalEntity/ cbc:RegistrationName</code>	ibt-044	2	1..1	Buyer name
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PartyName</code>				
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PartyName/ cbc:Name</code>	ibt-045	2	0..1	Buyer trading name
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PartyIdentification</code>				
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PartyIdentification/ cbc:ID</code>	ibt-046	2	0..n	Buyer identifier
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PartyIdentification/ cbc:ID/ @schemeID</code>	ibt-046-1	3	0..1	Scheme identifier
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PartyLegalEntity/ cbc:CompanyID</code>	ibt-047	2	0..1	Buyer legal registration identifier
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PartyLegalEntity/ cbc:CompanyID/ @schemeID</code>	ibt-047-1	3	0..1	Scheme identifier
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PartyTaxScheme</code>				
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PartyTaxScheme/ cbc:CompanyID</code>	ibt-048	2	0..1	Buyer TAX identifier
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PartyTaxScheme/ cac:TaxScheme</code>				
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PartyTaxScheme/ cac:TaxScheme/ cbc:ID</code>	ibt-048-1	3	0..1	Tax Scheme
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cbc:EndpointID</code>	ibt-049	2	0..1	Buyer electronic address
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cbc:EndpointID/ @schemeID</code>	ibt-049-1	3	1..1	Scheme identifier

UBL syntax XPath	ID	Level	Card.	Business Term
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PostalAddress</code>	ibg-08	2	1..1	BUYER POSTAL ADDRESS
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PostalAddress/ cbc:StreetName</code>	ibt-050	3	0..1	Buyer address line 1
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PostalAddress/ cbc:AdditionalStreetName</code>	ibt-051	3	0..1	Buyer address line 2
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PostalAddress/ cac:AddressLine</code>				
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PostalAddress/ cac:AddressLine/ cbc:Line</code>	ibt-163	3	0..1	Buyer address line 3
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PostalAddress/ cbc:CityName</code>	ibt-052	3	0..1	Buyer city
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PostalAddress/ cbc:PostalZone</code>	ibt-053	3	0..1	Buyer post code
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PostalAddress/ cbc:CountrySubentity</code>	ibt-054	3	0..1	Buyer country subdivision
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PostalAddress/ cac:Country</code>				
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:PostalAddress/ cac:Country/ cbc:IdentificationCode</code>	ibt-055	3	1..1	Buyer country code
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:Contact</code>	ibg-09	2	0..1	BUYER CONTACT
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:Contact/ cbc:Name</code>	ibt-056	3	0..1	Buyer contact point
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:Contact/ cbc:Telephone</code>	ibt-057	3	0..1	Buyer contact telephone number
<code>/*/ cac:AccountingCustomerParty/ cac:Party/ cac:Contact/ cbc:ElectronicMail</code>	ibt-058	3	0..1	Buyer contact email address
<code>/*/ cac:PayeeParty</code>	ibg-10	1	0..1	PAYEE
<code>/*/ cac:PayeeParty/ cac:PartyName</code>				
<code>/*/ cac:PayeeParty/ cac:PartyName/ cbc:Name</code>	ibt-059	2	1..1	Payee name
<code>/*/ cac:PayeeParty/ cac:PartyIdentification</code>				
<code>/*/ cac:PayeeParty/ cac:PartyIdentification/ cbc:ID</code>	ibt-060	2	0..1	Payee identifier
<code>/*/ cac:PayeeParty/ cac:PartyIdentification/ cbc:ID/ @schemeID</code>	ibt-060-1	3	0..1	Scheme identifier
<code>/*/ cac:PayeeParty/ cac:PartyLegalEntity</code>				
<code>/*/ cac:PayeeParty/ cac:PartyLegalEntity/ cbc:CompanyID</code>	ibt-061	2	0..1	Payee legal registration identifier
<code>/*/ cac:PayeeParty/ cac:PartyLegalEntity/ cbc:CompanyID/ @schemeID</code>	ibt-061-1	3	0..1	Scheme identifier

UBL syntax XPath	ID	Level	Card.	Business Term
<code>/*/ cac:TaxRepresentativeParty</code>	ibg-11	1	0..1	SELLER TAX REPRESENTATIVE PARTY
<code>/*/ cac:TaxRepresentativeParty/ cac:PartyName</code>				
<code>/*/ cac:TaxRepresentativeParty/ cac:PartyName/ cbc:Name</code>	ibt-062	2	1..1	Seller tax representative name
<code>/*/ cac:TaxRepresentativeParty/ cac:PartyTaxScheme</code>				
<code>/*/ cac:TaxRepresentativeParty/ cac:PartyTaxScheme/ cbc:CompanyID</code>	ibt-063	2	1..1	Seller tax representative TAX identifier
<code>/*/ cac:TaxRepresentativeParty/ cac:PartyTaxScheme/ cac:TaxScheme</code>				
<code>/*/ cac:TaxRepresentativeParty/ cac:PartyTaxScheme/ cac:TaxScheme/ cbc:ID</code>	ibt-063-1	2	0..1	Tax Scheme
<code>/*/ cac:TaxRepresentativeParty/ cac:PostalAddress</code>	ibg-12	2	1..1	SELLER TAX REPRESENTATIVE POSTAL ADDRESS
<code>/*/ cac:TaxRepresentativeParty/ cac:PostalAddress/ cbc:StreetName</code>	ibt-064	3	0..1	Tax representative address line 1
<code>/*/ cac:TaxRepresentativeParty/ cac:PostalAddress/ cbc:AdditionalStreetName</code>	ibt-065	3	0..1	Tax representative address line 2
<code>/*/ cac:TaxRepresentativeParty/ cac:PostalAddress/ cac:AddressLine</code>				
<code>/*/ cac:TaxRepresentativeParty/ cac:PostalAddress/ cac:AddressLine/ cbc:Line</code>	ibt-164	3	0..1	Tax representative address line 3
<code>/*/ cac:TaxRepresentativeParty/ cac:PostalAddress/ cbc:CityName</code>	ibt-066	3	0..1	Tax representative city
<code>/*/ cac:TaxRepresentativeParty/ cac:PostalAddress/ cbc:PostalZone</code>	ibt-067	3	0..1	Tax representative post code
<code>/*/ cac:TaxRepresentativeParty/ cac:PostalAddress/ cbc:CountrySubentity</code>	ibt-068	3	0..1	Tax representative country subdivision
<code>/*/ cac:TaxRepresentativeParty/ cac:PostalAddress/ cac:Country</code>				
<code>/*/ cac:TaxRepresentativeParty/ cac:PostalAddress/ cac:Country/ cbc:IdentificationCode</code>	ibt-069	3	1..1	Tax representative country code
<code>/*/ cac:Delivery</code>	ibg-13	1	0..1	DELIVERY INFORMATION
<code>/*/ cac:Delivery/ cac:DeliveryParty</code>				
<code>/*/ cac:Delivery/ cac:DeliveryParty/ cac:PartyName</code>				
<code>/*/ cac:Delivery/ cac:DeliveryParty/ cac:PartyName/ cbc:Name</code>	ibt-070	2	0..1	Deliver to party name
<code>/*/ cac:Delivery/ cac:DeliveryLocation</code>				
<code>/*/ cac:Delivery/ cac:DeliveryLocation/ cbc:ID</code>	ibt-071	2	0..1	Deliver to location identifier

UBL syntax XPath	ID	Level	Card.	Business Term
<code>/*/ cac:Delivery/ cac:DeliveryLocation/ cbc:ID/ @schemeID</code>	ibt-071-1	3	0..1	Scheme identifier
<code>/*/ cac:Delivery/ cbc:ActualDeliveryDate</code>	ibt-072	2	0..1	Actual delivery date
<code>/*/ cac:InvoicePeriod</code>	ibg-14	2	0..1	INVOICING PERIOD
<code>/*/ cac:InvoicePeriod/ cbc:StartDate</code>	ibt-073	3	0..1	Invoicing period start date
<code>/*/ cac:InvoicePeriod/ cbc:EndDate</code>	ibt-074	3	0..1	Invoicing period end date
<code>/*/ cac:Delivery/ cac:DeliveryLocation/ cac:Address</code>	ibg-15	2	0..1	DELIVER TO ADDRESS
<code>/*/ cac:Delivery/ cac:DeliveryLocation/ cac:Address/ cbc:StreetName</code>	ibt-075	3	0..1	Deliver to address line 1
<code>/*/ cac:Delivery/ cac:DeliveryLocation/ cac:Address/ cbc:AdditionalStreetName</code>	ibt-076	3	0..1	Deliver to address line 2
<code>/*/ cac:Delivery/ cac:DeliveryLocation/ cac:Address/ cac:AddressLine/ cbc:Line</code>	ibt-165	3	0..1	Deliver to address line 3
<code>/*/ cac:Delivery/ cac:DeliveryLocation/ cac:Address/ cbc:CityName</code>	ibt-077	3	0..1	Deliver to city
<code>/*/ cac:Delivery/ cac:DeliveryLocation/ cac:Address/ cbc:PostalZone</code>	ibt-078	3	0..1	Deliver to post code
<code>/*/ cac:Delivery/ cac:DeliveryLocation/ cac:Address/ cbc:CountrySubentity</code>	ibt-079	3	0..1	Deliver to country subdivision
<code>/*/ cac:Delivery/ cac:DeliveryLocation/ cac:Address/ cac:Country</code>				
<code>/*/ cac:Delivery/ cac:DeliveryLocation/ cac:Address/ cac:Country/ cbc:IdentificationCode</code>	ibt-080	3	1..1	Deliver to country code
<code>/*/ cac:PaymentMeans</code>	ibg-16	1	0..n	PAYMENT INSTRUCTIONS
<code>/*/ cac:PaymentMeans/ cbc:ID</code>	ibt-178	2	0..1	Payment Instructions ID
<code>/*/ cac:PaymentMeans/ cbc:PaymentMeansCode</code>	ibt-081	2	1..1	Payment means type code
<code>/*/ cac:PaymentMeans/ cbc:PaymentMeansCode/ @Name</code>	ibt-082	2	0..1	Payment means text
<code>/*/ cac:PaymentMeans/ cbc:PaymentID</code>	ibt-083	2	0..n	Remittance information
<code>/*/ cac:PaymentMeans/ cbc:PaymentID/ @SchemeID</code>	ibt-083-1	3	0..1	Scheme identifier
<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount</code>	ibg-17	2	0..n	CREDIT TRANSFER
<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cbc:ID</code>	ibt-084	3	1..1	Payment account identifier
<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cbc:ID/ @SchemeID</code>	ibt-084-1	3	0..1	Scheme identifier
<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cbc:Name</code>	ibt-085	3	0..1	Payment account name
<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cac:FinancialInstitutionBranch</code>				

UBL syntax XPath	ID	Level	Card.	Business Term
<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cac:FinancialInstitutionBranch/ cbc:ID</code>	ibt-086	3	0..1	Payment service provider identifier
<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cac:FinancialInstitutionBranch/ cac:Address</code>	ibg-34	3	0..1	ADDRESS
<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cac:FinancialInstitutionBranch/ cac:Address/ cbc:StreetName</code>	ibt-169	4	0..1	Account address line 1
<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cac:FinancialInstitutionBranch/ cac:Address/ cbc:AdditionalStreetName</code>	ibt-170	4	0..1	Account address line 2
<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cac:FinancialInstitutionBranch/ cac:Address/ cbc:CityName</code>	ibt-171	4	0..1	Account city
<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cac:FinancialInstitutionBranch/ cac:Address/ cbc:PostalZone</code>	ibt-172	4	0..1	Account post code
<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cac:FinancialInstitutionBranch/ cac:Address/ cbc:CountrySubentity</code>	ibt-173	4	0..1	Account country subdivision
<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cac:FinancialInstitutionBranch/ cac:Address/ cac:AddressLine</code>				
<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cac:FinancialInstitutionBranch/ cac:Address/ cac:AddressLine/ cbc:Line</code>	ibt-174	4	0..1	Account address line 3
<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cac:FinancialInstitutionBranch/ cac:Address/ cac:Country</code>				
<code>/*/ cac:PaymentMeans/ cac:PayeeFinancialAccount/ cac:FinancialInstitutionBranch/ cac:Address/ cac:Country/ cbc:IdentificationCode</code>	ibt-175	4	0..1	Account country code
<code>/*/ cac:PaymentMeans/ cac:CardAccount</code>	ibg-18	2	0..1	PAYMENT CARD INFORMATION
<code>/*/ cac:PaymentMeans/ cac:CardAccount/ cbc:PrimaryAccountNumberID</code>	ibt-087	3	1..1	Payment card primary account number
<code>/*/ cac:PaymentMeans/ cac:CardAccount/ cbc:NetworkID</code>				

UBL syntax XPath	ID	Level	Card.	Business Term
<code>/*/cac:PaymentMeans/cac:CardAccount/cbc:HolderName</code>	ibt-088	3	0..1	Payment card holder name
<code>/*/cac:PaymentMeans/cac:PaymentMandate</code>	ibg-19	2	0..1	DIRECT DEBIT
<code>/*/cac:PaymentMeans/cac:PaymentMandate/cbc:ID</code>	ibt-089	3	0..1	Mandate reference identifier
<code>/*/cac:PaymentMeans/cac:PaymentMandate/cac:PayerFinancialAccount</code>				
<code>/*/cac:PaymentMeans/cac:PaymentMandate/cac:PayerFinancialAccount/cbc:ID</code>	ibt-091	3	0..1	Debited account identifier
<code>/*/cac:PrepaidPayment</code>	ibg-35	1	0..n	PAID AMOUNTS
<code>/*/cac:PrepaidPayment/cbc:ID</code>	ibt-179	2	0..1	Payment identifier
<code>/*/cac:PrepaidPayment/cbc:PaidAmount</code>	ibt-180	2	1..1	Paid amount
<code>/*/cac:PrepaidPayment/cbc:ReceivedDate</code>	ibt-181	2	0..1	The date when the paid amount is debited to the invoice
<code>/*/cac:PrepaidPayment/cbc:InstructionID</code>	ibt-182	2	0..1	Payment type
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = false()]</code>	ibg-20	1	0..n	DOCUMENT LEVEL ALLOWANCES
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/cbc:ChargeIndicator</code>				Fixed value 'false'
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/cbc:Amount</code>	ibt-092	2	1..1	Document level allowance amount
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/cbc:BaseAmount</code>	ibt-093	2	0..1	Document level allowance base amount
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/cbc:MultiplierFactorNumeric</code>	ibt-094	2	0..1	Document level allowance percentage
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/cac:TaxCategory</code>				
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/cac:TaxCategory/cbc:ID</code>	ibt-095	2	1..1	Document level allowance TAX category code
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/cac:TaxCategory/cbc:Percent</code>	ibt-096	2	0..1	Document level allowance TAX rate
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/cac:TaxCategory/cac:TaxScheme</code>				
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/cac:TaxCategory/cac:TaxScheme/cbc:ID</code>	ibt-096-1	3	0..1	Tax Scheme
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/cbc:AllowanceChargeReason</code>	ibt-097	2	0..1	Document level allowance reason
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/cbc:AllowanceChargeReasonCode</code>	ibt-098	2	0..1	Document level allowance reason code
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = true()]</code>	ibg-21	1	0..n	DOCUMENT LEVEL CHARGES

UBL syntax XPath	ID	Level	Card.	Business Term
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = true()]/cbc:ChargeIndicator</code>				Fixed value 'true'
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = true()]/cbc:Amount</code>	ibt-099	2	1..1	Document level charge amount
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = true()]/cbc:BaseAmount</code>	ibt-100	2	0..1	Document level charge base amount
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = true()]/cbc:MultiplierFactorNumeric</code>	ibt-101	2	0..1	Document level charge percentage
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = true()]/cac:TaxCategory</code>				
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = true()]/cac:TaxCategory/cbc:ID</code>	ibt-102	2	1..1	Document level charge TAX category code
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = true()]/cac:TaxCategory/cbc:Percent</code>	ibt-103	2	0..1	Document level charge TAX rate
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = true()]/cac:TaxCategory/cac:TaxScheme</code>				
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = true()]/cac:TaxCategory/cac:TaxScheme/cbc:ID</code>	ibt-103-1	3	0..1	Tax Scheme
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = true()]/cbc:AllowanceChargeReason</code>	ibt-104	2	0..1	Document level charge reason
<code>/*/cac:AllowanceCharge[cbc:ChargeIndicator = true()]/cbc:AllowanceChargeReasonCode</code>	ibt-105	2	0..1	Document level charge reason code
<code>/*/cac:LegalMonetaryTotal</code>	ibg-22	1	1..1	DOCUMENT TOTALS
<code>/*/cac:LegalMonetaryTotal/cbc:LineExtensionAmount</code>	ibt-106	2	1..1	Sum of Invoice line net amount
<code>/*/cac:LegalMonetaryTotal/cbc:AllowanceTotalAmount</code>	ibt-107	2	0..1	Sum of allowances on document level
<code>/*/cac:LegalMonetaryTotal/cbc:ChargeTotalAmount</code>	ibt-108	2	0..1	Sum of charges on document level
<code>/*/cac:LegalMonetaryTotal/cbc:TaxExclusiveAmount</code>	ibt-109	2	1..1	Invoice total amount without TAX
<code>/*/cac:TaxTotal</code>				
<code>/*/cac:TaxTotal/cbc:TaxAmount[@currencyID=/*/cbc:DocumentCurrencyCode/ text()]</code>	ibt-110	2	0..1	Invoice total TAX amount
<code>/*/cac:TaxTotal/cbc:TaxAmount[@currencyID=/*/cbc:TaxCurrencyCode/ text()]</code>	ibt-111	2	0..1	Invoice total TAX amount in accounting currency
<code>/*/cac:LegalMonetaryTotal/cbc:TaxInclusiveAmount</code>	ibt-112	2	1..1	Invoice total amount with TAX
<code>/*/cac:LegalMonetaryTotal/cbc:PrepaidAmount</code>	ibt-113	2	0..1	Paid amount
<code>/*/cac:LegalMonetaryTotal/cbc:PayableRoundingAmount</code>	ibt-114	2	0..1	Rounding amount
<code>/*/cac:LegalMonetaryTotal/cbc:PayableAmount</code>	ibt-115	2	1..1	Amount due for payment

UBL syntax XPath	ID	Level	Card.	Business Term
<code>/*/cac:TaxTotal/cac:TaxSubtotal</code>	ibg-23	1	1..n	TAX BREAKDOWN
<code>/*/cac:TaxTotal/cac:TaxSubtotal/cbc:TaxableAmount</code>	ibt-116	2	1..1	TAX category taxable amount
<code>/*/cac:TaxTotal/cac:TaxSubtotal/cbc:TaxAmount</code>	ibt-117	2	1..1	TAX category tax amount
<code>/*/cac:TaxTotal/cac:TaxSubtotal/cac:TaxCategory</code>				
<code>/*/cac:TaxTotal/cac:TaxSubtotal/cac:TaxCategory/cbc:ID</code>	ibt-118	2	1..1	TAX category code
<code>/*/cac:TaxTotal/cac:TaxSubtotal/cac:TaxCategory/cac:TaxScheme</code>				
<code>/*/cac:TaxTotal/cac:TaxSubtotal/cac:TaxCategory/cac:TaxScheme/cbc:ID</code>	ibt-118-1	3	0..1	Tax Scheme
<code>/*/cac:TaxTotal/cac:TaxSubtotal/cac:TaxCategory/cbc:Percent</code>	ibt-119	2	0..1	TAX category rate
<code>/*/cac:TaxTotal/cac:TaxSubtotal/cac:TaxCategory/cbc:TaxExemptionReason</code>	ibt-120	2	0..1	TAX exemption reason text
<code>/*/cac:TaxTotal/cac:TaxSubtotal/cac:TaxCategory/cbc:TaxExemptionReasonCode</code>	ibt-121	2	0..1	TAX exemption reason code
<code>/*/cac:AdditionalDocumentReference</code>	ibg-24	1	0..n	ADDITIONAL SUPPORTING DOCUMENTS
<code>/*/cac:AdditionalDocumentReference/cbc:ID</code>	ibt-122	2	1..1	Supporting document reference
<code>/*/cac:AdditionalDocumentReference/cbc:DocumentDescription</code>	ibt-123	2	0..1	Supporting document description
<code>/*/cac:AdditionalDocumentReference/cac:Attachment</code>				
<code>/*/cac:AdditionalDocumentReference/cac:Attachment/cac:ExternalReference</code>				
<code>/*/cac:AdditionalDocumentReference/cac:Attachment/cac:ExternalReference/cbc:URI</code>	ibt-124	2	0..1	External document location
<code>/*/cac:AdditionalDocumentReference/cac:Attachment/cbc:EmbeddedDocumentBinaryObject</code>	ibt-125	2	0..1	Attached document
<code>/*/cac:AdditionalDocumentReference/cac:Attachment/cbc:EmbeddedDocumentBinaryObject/@mimeType</code>	ibt-125-1	3	1..1	Attached document Mime code
<code>/*/cac:AdditionalDocumentReference/cac:Attachment/cbc:EmbeddedDocumentBinaryObject/@filename</code>	ibt-125-2	3	1..1	Attached document Filename
<code>/(cac:InvoiceLine cac:CreditNoteLine)</code>	ibg-25	1	1..n	INVOICE LINE
<code>/(cac:InvoiceLine cac:CreditNoteLine)/cbc:ID</code>	ibt-126	2	1..1	Invoice line identifier
<code>/(cac:InvoiceLine cac:CreditNoteLine)/cbc:Note</code>	ibt-127	2	0..1	Invoice line note

UBL syntax XPath	ID	Level	Card.	Business Term
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:DocumentReference[cbc:DocumentTypeCode = '130']				
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:DocumentReference[cbc:DocumentTypeCode = '130']/ cbc:ID	ibt-128	2	0..1	Invoice line object identifier
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:DocumentReference[cbc:DocumentTypeCode = '130']/ cbc:ID/ @schemeID	ibt-128-1	3	0..1	Scheme identifier
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:DocumentReference[not(cbc:DocumentTypeCo de = '130')]				
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:DocumentReference[not(cbc:DocumentTypeCo de = '130')]/ cbc:ID	ibt-188	2	0..1	Invoice line document identifier
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:DocumentReference[not(cbc:DocumentTypeCo de = '130')]/ cbc:DocumentTypeCode	ibt-189	2	0..1	Document type code
//(cac:InvoiceLine cac:CreditNoteLine)/ cbc:InvoicedQuantity	ibt-129	2	1..1	Invoiced quantity
//(cac:InvoiceLine cac:CreditNoteLine)/ cbc:InvoicedQuantity/ @unitCode	ibt-130	2	1..1	Invoiced quantity unit of measure code
//(cac:InvoiceLine cac:CreditNoteLine)/ cbc:LineExtensionAmount	ibt-131	2	1..1	Invoice line net amount
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:OrderLineReference				
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:OrderLineReference/ cbc:LineID	ibt-132	2	0..1	Referenced purchase order line reference
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:OrderLineReference/ cac:OrderReference/ cbc:ID	ibt-183	2	0..1	Order reference
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:DespatchLineReference/ cac:DocumentReference/ cbc:ID	ibt-184	2	0..1	Despatch advice reference
//(cac:InvoiceLine cac:CreditNoteLine)/ cbc:AccountingCost	ibt-133	2	0..1	Invoice line Buyer accounting reference
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:InvoicePeriod	ibg-26	2	0..1	INVOICE LINE PERIOD
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:InvoicePeriod/ cbc:StartDate	ibt-134	3	0..1	Invoice line period start date
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:InvoicePeriod/ cbc:EndDate	ibt-135	3	0..1	Invoice line period end date
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:AllowanceCharge[cbc:ChargeIndicator = false[]]	ibg-27	2	0..n	INVOICE LINE ALLOWANCES

UBL syntax XPath	ID	Level	Card.	Business Term
//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/ cbc:ChargeIndicator			1..1	Fixed value 'false'
//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/ cbc:Amount	ibt-136	3	1..1	Invoice line allowance amount
//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/ cbc:BaseAmount	ibt-137	3	0..1	Invoice line allowance base amount
//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/ cbc:MultiplierFactorNumeric	ibt-138	3	0..1	Invoice line allowance percentage
//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/ cbc:AllowanceChargeReason	ibt-139	3	0..1	Invoice line allowance reason
//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = false()]/ cbc:AllowanceChargeReasonCode	ibt-140	3	0..1	Invoice line allowance reason code
//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = true()]	ibg-28	2	0..n	INVOICE LINE CHARGES
//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = true()]/ cbc:ChargeIndicator			1..1	Fixed value 'true'
//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = true()]/ cbc:Amount	ibt-141	3	1..1	Invoice line charge amount
//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = true()]/ cbc:BaseAmount	ibt-142	3	0..1	Invoice line charge base amount
//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = true()]/ cbc:MultiplierFactorNumeric	ibt-143	3	0..1	Invoice line charge percentage
//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = true()]/ cbc:AllowanceChargeReason	ibt-144	3	0..1	Invoice line charge reason
//(cac:InvoiceLine cac:CreditNoteLine)/cac:AllowanceCharge[cbc:ChargeIndicator = true()]/ cbc:AllowanceChargeReasonCode	ibt-145	3	0..1	Invoice line charge reason code
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Price	ibg-29	2	1..1	PRICE DETAILS
//(cac:InvoiceLine cac:CreditNoteLine)/cac:Price/ cbc:PriceAmount	ibt-146	3	1..1	Item net price
//(cac:InvoiceLine cac:CreditNoteLine)/cac:Price/ cac:AllowanceCharge[cbc:ChargeIndicator = false()]/ cbc:ChargeIndicator				Fixed value 'false'

UBL syntax XPath	ID	Level	Card.	Business Term
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Price/ cac:AllowanceCharge[cbc:ChargeIndicator = false()]/ cbc:Amount	ibt-147	3	0..1	Item price discount
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Price/ cac:AllowanceCharge[cbc:ChargeIndicator = false()]/ cbc:BaseAmount	ibt-148	3	0..1	Item gross price
/*/ cac:Delivery/ cac:DeliveryLocation/ cac:Address/ cac:AddressLine				
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Price/ cbc:BaseQuantity	ibt-149	3	0..1	Item price base quantity
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Price/ cbc:BaseQuantity/ @unitCode	ibt-150	3	0..1	Item price base quantity unit of measure code
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:ClassifiedTaxCategory	ibg-30	2	1..n	LINE TAX INFORMATION
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:ClassifiedTaxCategory/ cbc:ID	ibt-151	3	1..1	Invoiced item TAX category code
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:ClassifiedTaxCategory/ cbc:Percent	ibt-152	3	0..1	Invoiced item TAX rate
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:ClassifiedTaxCategory/ cbc:TaxExemptionReasonCode	ibt-185	3	0..1	TAX exemption reason code
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:ClassifiedTaxCategory/ cbc:TaxExemptionReason	ibt-186	3	0..1	TAX exemption reason text
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:ClassifiedTaxCategory/ cbc:PerUnitAmount	ibt-166	3	0..1	Unit TAX
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:ClassifiedTaxCategory/ cac:TaxScheme				
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:ClassifiedTaxCategory/ cac:TaxScheme/ cbc:ID	ibt-167	3	0..1	Tax Scheme
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item	ibg-31	2	1..1	ITEM INFORMATION
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cbc:Name	ibt-153	3	1..1	Item name
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cbc:Description	ibt-154	3	0..n	Item description
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:SellersItemIdentification				
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:SellersItemIdentification/ cbc:ID	ibt-155	3	0..1	Item Seller's identifier
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:BuyersItemIdentification				
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:BuyersItemIdentification/ cbc:ID	ibt-156	3	0..1	Item Buyer's identifier

UBL syntax XPath	ID	Level	Card.	Business Term
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:StandardItemIdentification				
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:StandardItemIdentification/ cbc:ID	ibt-157	3	0..1	Item standard identifier
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:StandardItemIdentification/ cbc:ID/ @schemeID	ibt-157-1	4	1..1	Scheme identifier
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:CommodityClassification				
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:CommodityClassification/ cbc:ItemClassificationCode	ibt-158	3	0..n	Item classification identifier
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:CommodityClassification/ cbc:ItemClassificationCode/ @listID	ibt-158-1	4	1..1	Scheme identifier
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:CommodityClassification/ cbc:ItemClassificationCode/ @listVersionID	ibt-158-2	4	0..1	Scheme version identifier
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:OriginCountry				
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:OriginCountry/ cbc:IdentificationCode	ibt-159	3	0..1	Item country of origin
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:AdditionalItemProperty	ibg-32	3	0..n	ITEM ATTRIBUTES
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:AdditionalItemProperty/ cbc:Name	ibt-160	4	1..1	Item attribute name
//(cac:InvoiceLine cac:CreditNoteLine)/ cac:Item/ cac:AdditionalItemProperty/ cbc:Value	ibt-161	4	1..1	Item attribute value

7 Rules

7.1 Model rules for BIS Billing 3.0

[SOURCE: Peppol BIS Billing 3.0]

The rules listed in following table is from Open Peppol BIS 3.0 Billing Rules are defined as specified in ISO/IEC 19757-3 :2020.

Table 22 lists rules for BIS Billing 3.0.

Table 22 — Model rules for BIS Billing 3.0

ID	Message	Flag
BR-01	An Invoice shall have a Specification identifier (BT-24).	fatal
BR-02	An Invoice shall have an Invoice number (BT-1).	fatal
BR-03	An Invoice shall have an Invoice issue date (BT-2).	fatal
BR-04	An Invoice shall have an Invoice type code (BT-3).	fatal
BR-05	An Invoice shall have an Invoice currency code (BT-5).	fatal
BR-06	An Invoice shall contain the Seller name (BT-27).	fatal
BR-07	An Invoice shall contain the Buyer name (BT-44).	fatal
BR-08	An Invoice shall contain the Seller postal address.	fatal
BR-09	The Seller postal address (BG-5) shall contain a Seller country code (BT-40).	fatal
BR-10	An Invoice shall contain the Buyer postal address (BG-8).	fatal
BR-11	The Buyer postal address shall contain a Buyer country code (BT-55).	fatal
BR-12	An Invoice shall have the Sum of Invoice line net amount (BT-106).	fatal
BR-13	An Invoice shall have the Invoice total amount without VAT (BT-109).	fatal
BR-14	An Invoice shall have the Invoice total amount with VAT (BT-112).	fatal
BR-15	An Invoice shall have the Amount due for payment (BT-115).	fatal
BR-16	An Invoice shall have at least one Invoice line (BG-25)	fatal
BR-17	The Payee name (BT-59) shall be provided in the Invoice, if the Payee (BG-10) is different from the Seller (BG-4)	fatal
BR-18	The Seller tax representative name (BT-62) shall be provided in the Invoice, if the Seller (BG-4) has a Seller tax representative party (BG-11)	fatal
BR-19	The Seller tax representative postal address (BG-12) shall be provided in the Invoice, if the Seller (BG-4) has a Seller tax representative party (BG-11).	fatal
BR-20	The Seller tax representative postal address (BG-12) shall contain a Tax representative country code (BT-69), if the Seller (BG-4) has a Seller tax representative party (BG-11).	fatal
BR-21	Each Invoice line (BG-25) shall have an Invoice line identifier (BT-126).	fatal
BR-22	Each Invoice line (BG-25) shall have an Invoiced quantity (BT-129).	fatal
BR-23	An Invoice line (BG-25) shall have an Invoiced quantity unit of measure code (BT-130).	fatal
BR-24	Each Invoice line (BG-25) shall have an Invoice line net amount (BT-131).	fatal
BR-25	Each Invoice line (BG-25) shall contain the Item name (BT-153).	fatal
BR-26	Each Invoice line (BG-25) shall contain the Item net price (BT-146).	fatal
BR-27	The Item net price (BT-146) shall NOT be negative.	fatal
BR-28	The Item gross price (BT-148) shall NOT be negative.	fatal
BR-29	If both Invoicing period start date (BT-73) and Invoicing period end date (BT-74) are given then the Invoicing period end date (BT-74) shall be later or equal to the Invoicing period start date (BT-73).	fatal

ID	Message	Flag
BR-30	If both Invoice line period start date (BT-134) and Invoice line period end date (BT-135) are given then the Invoice line period end date (BT-135) shall be later or equal to the Invoice line period start date (BT-134).	fatal
BR-31	Each Document level allowance (BG-20) shall have a Document level allowance amount (BT-92).	fatal
BR-32	Each Document level allowance (BG-20) shall have a Document level allowance VAT category code (BT-95).	fatal
BR-33	Each Document level allowance (BG-20) shall have a Document level allowance reason (BT-97) or a Document level allowance reason code (BT-98).	fatal
BR-36	Each Document level charge (BG-21) shall have a Document level charge amount (BT-99).	fatal
BR-37	Each Document level charge (BG-21) shall have a Document level charge VAT category code (BT-102).	fatal
BR-38	Each Document level charge (BG-21) shall have a Document level charge reason (BT-104) or a Document level charge reason code (BT-105).	fatal
BR-41	Each Invoice line allowance (BG-27) shall have an Invoice line allowance amount (BT-136).	fatal
BR-42	Each Invoice line allowance (BG-27) shall have an Invoice line allowance reason (BT-139) or an Invoice line allowance reason code (BT-140).	fatal
BR-43	Each Invoice line charge (BG-28) shall have an Invoice line charge amount (BT-141).	fatal
BR-44	Each Invoice line charge shall have an Invoice line charge reason or an invoice line allowance reason code.	fatal
BR-45	Each VAT breakdown (BG-23) shall have a VAT category taxable amount (BT-116).	fatal
BR-46	Each VAT breakdown (BG-23) shall have a VAT category tax amount (BT-117).	fatal
BR-47	Each VAT breakdown (BG-23) shall be defined through a VAT category code (BT-118).	fatal
BR-48	Each VAT breakdown (BG-23) shall have a VAT category rate (BT-119), except if the Invoice is not subject to VAT.	fatal
BR-49	A Payment instruction (BG-16) shall specify the Payment means type code (BT-81).	fatal
BR-50	A Payment account identifier (BT-84) shall be present if Credit transfer (BG-17) information is provided in the Invoice.	fatal
BR-51	The last 4 to 6 digits of the Payment card primary account number (BT-87) shall be present if Payment card information (BG-18) is provided in the Invoice.	fatal
BR-52	Each Additional supporting document (BG-24) shall contain a Supporting document reference (BT-122).	fatal
BR-53	If the VAT accounting currency code (BT-6) is present, then the Invoice total VAT amount in accounting currency (BT-111) shall be provided.	fatal
BR-54	Each Item attribute (BG-32) shall contain an Item attribute name (BT-160) and an Item attribute value (BT-161).	fatal
BR-55	Each Preceding Invoice reference (BG-3) shall contain a Preceding Invoice reference (BT-25).	fatal
BR-56	Each Seller tax representative party (BG-11) shall have a Seller tax representative VAT identifier (BT-63).	fatal
BR-57	Each Deliver to address (BG-15) shall contain a Deliver to country code (BT-80).	fatal
BR-61	If the Payment means type code (BT-81) means SEPA credit transfer, Local credit transfer or Non-SEPA international credit transfer, the Payment account identifier (BT-84) shall be present.	fatal
BR-62	The Seller electronic address (BT-34) shall have a Scheme identifier.	fatal
BR-63	The Buyer electronic address (BT-49) shall have a Scheme identifier.	fatal
BR-64	The Item standard identifier (BT-157) shall have a Scheme identifier.	fatal
BR-65	The Item classification identifier (BT-158) shall have a Scheme identifier.	fatal

ID	Message	Flag
BR-66	An Invoice shall contain maximum one Payment Card account (BG-18).	fatal
BR-67	An Invoice shall contain maximum one Payment Mandate (BG-19).	fatal
BR-AE-01	An Invoice that contains an Invoice line (BG-25), a Document level allowance (BG-20) or a Document level charge (BG-21) where the VAT category code (BT-151, BT-95 or BT-102) is "Reverse charge" shall contain in the VAT Breakdown (BG-23) exactly one VAT category code (BT-118) equal with "VAT reverse charge".	fatal
BR-AE-02	An Invoice that contains an Invoice line (BG-25) where the Invoiced item VAT category code (BT-151) is "Reverse charge" shall contain the Seller VAT Identifier (BT-31), the Seller Tax registration identifier (BT-32) and/or the Seller tax representative VAT identifier (BT-63) and the Buyer VAT identifier (BT-48) and/or the Buyer legal registration identifier (BT-47).	fatal
BR-AE-03	An Invoice that contains a Document level allowance (BG-20) where the Document level allowance VAT category code (BT-95) is "Reverse charge" shall contain the Seller VAT Identifier (BT-31), the Seller tax registration identifier (BT-32) and/or the Seller tax representative VAT identifier (BT-63) and the Buyer VAT identifier (BT-48) and/or the Buyer legal registration identifier (BT-47).	fatal
BR-AE-04	An Invoice that contains a Document level charge (BG-21) where the Document level charge VAT category code (BT-102) is "Reverse charge" shall contain the Seller VAT Identifier (BT-31), the Seller tax registration identifier (BT-32) and/or the Seller tax representative VAT identifier (BT-63) and the Buyer VAT identifier (BT-48) and/or the Buyer legal registration identifier (BT-47).	fatal
BR-AE-05	In an Invoice line (BG-25) where the Invoiced item VAT category code (BT-151) is "Reverse charge" the Invoiced item VAT rate (BT-152) shall be 0 (zero).	fatal
BR-AE-06	In a Document level allowance (BG-20) where the Document level allowance VAT category code (BT-95) is "Reverse charge" the Document level allowance VAT rate (BT-96) shall be 0 (zero).	fatal
BR-AE-07	In a Document level charge (BG-21) where the Document level charge VAT category code (BT-102) is "Reverse charge" the Document level charge VAT rate (BT-103) shall be 0 (zero).	fatal
BR-AE-08	In a VAT breakdown (BG-23) where the VAT category code (BT-118) is "Reverse charge" the VAT category taxable amount (BT-116) shall equal the sum of Invoice line net amounts (BT-131) minus the sum of Document level allowance amounts (BT-92) plus the sum of Document level charge amounts (BT-99) where the VAT category codes (BT-151, BT-95, BT-102) are "Reverse charge".	fatal
BR-AE-09	The VAT category tax amount (BT-117) in a VAT breakdown (BG-23) where the VAT category code (BT-118) is "Reverse charge" shall be 0 (zero).	fatal
BR-AE-10	A VAT breakdown (BG-23) with VAT Category code (BT-118) "Reverse charge" shall have a VAT exemption reason code (BT-121), meaning "Reverse charge" or the VAT exemption reason text (BT-120) "Reverse charge" (or the equivalent standard text in another language).	fatal
BR-B-01	An Invoice where the VAT category code (BT-151, BT-95 or BT-102) is "Split payment" shall be a domestic Italian invoice.	fatal
BR-B-02	An Invoice that contains an Invoice line (BG-25), a Document level allowance (BG-20) or a Document level charge (BG-21) where the VAT category code (BT-151, BT-95 or BT-102) is "Split payment" shall not contain an invoice line (BG-25), a Document level allowance (BG-20) or a Document level charge (BG-21) where the VAT category code (BT-151, BT-95 or BT-102) is "Standard rated".	fatal
BR-CL-01	The document type code MUST be coded by the invoice and credit note related code lists of UNTDID 1001.	fatal
BR-CL-03	currencyID MUST be coded using ISO code list 4217 alpha-3	fatal
BR-CL-04	Invoice currency code MUST be coded using ISO code list 4217 alpha-3	fatal
BR-CL-05	Tax currency code MUST be coded using ISO code list 4217 alpha-3	fatal

9 Rules

ID	Message	Flag
BR-CL-06	Value added tax point date code MUST be coded using a restriction of UNTDID 2005.	fatal
BR-CL-07	Object identifier identification scheme identifier MUST be coded using a restriction of UNTDID 1153.	fatal
BR-CL-08	Invoiced note subject code shall be coded using UNCL4451	fatal
BR-CL-10	Any identifier identification scheme identifier MUST be coded using one of the ISO 6523 ICD list.	fatal
BR-CL-11	Any registration identifier identification scheme identifier MUST be coded using one of the ISO 6523 ICD list.	fatal
BR-CL-13	Item classification identifier identification scheme identifier MUST be coded using one of the UNTDID 7143 list.	fatal
BR-CL-14	Country codes in an invoice MUST be coded using ISO code list 3166-1	fatal
BR-CL-15	Country codes in an invoice MUST be coded using ISO code list 3166-1	fatal
BR-CL-16	Payment means in an invoice MUST be coded using UNCL4461 code list	fatal
BR-CL-17	Invoice tax categories MUST be coded using UNCL5305 code list	fatal
BR-CL-18	Invoice tax categories MUST be coded using UNCL5305 code list	fatal
BR-CL-19	Coded allowance reasons MUST belong to the UNCL 5189 code list	fatal
BR-CL-20	Coded charge reasons MUST belong to the UNCL 7161 code list	fatal
BR-CL-21	Item standard identifier scheme identifier MUST belong to the ISO 6523 ICD code list	fatal
BR-CL-22	Tax exemption reason code identifier scheme identifier MUST belong to the CEF VATEX code list	fatal
BR-CL-23	Unit code MUST be coded according to the UN/ECE Recommendation 20 with Rec 21 extension	fatal
BR-CL-24	For Mime code in attribute use MIMEMediaType.	fatal
BR-CL-25	Endpoint identifier scheme identifier MUST belong to the CEF EAS code list	fatal
BR-CL-26	Delivery location identifier scheme identifier MUST belong to the ISO 6523 ICD code list	fatal
BR-CO-03	Value added tax point date (BT-7) and Value added tax point date code (BT-8) are mutually exclusive.	fatal
BR-CO-04	Each Invoice line (BG-25) shall be categorized with an Invoiced item VAT category code (BT-151).	fatal
BR-CO-05	Document level allowance reason code (BT-98) and Document level allowance reason (BT-97) shall indicate the same type of allowance.	fatal
BR-CO-06	Document level charge reason code (BT-105) and Document level charge reason (BT-104) shall indicate the same type of charge.	fatal
BR-CO-07	Invoice line allowance reason code (BT-140) and Invoice line allowance reason (BT-139) shall indicate the same type of allowance reason.	fatal
BR-CO-08	Invoice line charge reason code (BT-145) and Invoice line charge reason (BT-144) shall indicate the same type of charge reason.	fatal
BR-CO-09	The Seller VAT identifier (BT-31), the Seller tax representative VAT identifier (BT-63) and the Buyer VAT identifier (BT-48) shall have a prefix in accordance with ISO code ISO 3166-1 alpha-2 by which the country of issue may be identified. Nevertheless, Greece may use the prefix 'EL'.	fatal
BR-CO-10	Sum of Invoice line net amount (BT-106) = Σ Invoice line net amount (BT-131).	fatal
BR-CO-11	Sum of allowances on document level (BT-107) = Σ Document level allowance amount (BT-92).	fatal
BR-CO-12	Sum of charges on document level (BT-108) = Σ Document level charge amount (BT-99).	fatal
BR-CO-13	Invoice total amount without VAT (BT-109) = Σ Invoice line net amount (BT-131) - Sum of allowances on document level (BT-107) + Sum of charges on document level (BT-108).	fatal
BR-CO-14	Invoice total VAT amount (BT-110) = Σ VAT category tax amount (BT-117).	fatal

ID	Message	Flag
BR-CO-15	Invoice total amount with VAT (BT-112) = Invoice total amount without VAT (BT-109) + Invoice total VAT amount (BT-110).	fatal
BR-CO-16	Amount due for payment (BT-115) = Invoice total amount with VAT (BT-112) - Paid amount (BT-113) + Rounding amount (BT-114).	fatal
BR-CO-17	VAT category tax amount (BT-117) = VAT category taxable amount (BT-116) x (VAT category rate (BT-119) / 100), rounded to two decimals.	fatal
BR-CO-18	An Invoice shall at least have one VAT breakdown group (BG-23).	fatal
BR-CO-19	If Invoicing period (BG-14) is used, the Invoicing period start date (BT-73) or the Invoicing period end date (BT-74) shall be filled, or both.	fatal
BR-CO-20	If Invoice line period (BG-26) is used, the Invoice line period start date (BT-134) or the Invoice line period end date (BT-135) shall be filled, or both.	fatal
BR-CO-21	Each Document level allowance (BG-20) shall contain a Document level allowance reason (BT-97) or a Document level allowance reason code (BT-98), or both.	fatal
BR-CO-22	Each Document level charge (BG-21) shall contain a Document level charge reason (BT-104) or a Document level charge reason code (BT-105), or both.	fatal
BR-CO-23	Each Invoice line allowance (BG-27) shall contain an Invoice line allowance reason (BT-139) or an Invoice line allowance reason code (BT-140), or both.	fatal
BR-CO-24	Each Invoice line charge (BG-28) shall contain an Invoice line charge reason (BT-144) or an Invoice line charge reason code (BT-145), or both.	fatal
BR-CO-25	In case the Amount due for payment (BT-115) is positive, either the Payment due date (BT-9) or the Payment terms (BT-20) shall be present.	fatal
BR-CO-26	In order for the buyer to automatically identify a supplier, the Seller identifier (BT-29), the Seller legal registration identifier (BT-30) and/or the Seller VAT identifier (BT-31) shall be present.	fatal
BR-DEC-01	The allowed maximum number of decimals for the Document level allowance amount (BT-92) is 2.	fatal
BR-DEC-02	The allowed maximum number of decimals for the Document level allowance base amount (BT-93) is 2.	fatal
BR-DEC-05	The allowed maximum number of decimals for the Document level charge amount (BT-99) is 2.	fatal
BR-DEC-06	The allowed maximum number of decimals for the Document level charge base amount (BT-100) is 2.	fatal
BR-DEC-09	The allowed maximum number of decimals for the Sum of Invoice line net amount (BT-106) is 2.	fatal
BR-DEC-10	The allowed maximum number of decimals for the Sum of allowed on document level (BT-107) is 2.	fatal
BR-DEC-11	The allowed maximum number of decimals for the Sum of charges on document level (BT-108) is 2.	fatal
BR-DEC-12	The allowed maximum number of decimals for the Invoice total amount without VAT (BT-109) is 2.	fatal
BR-DEC-13	The allowed maximum number of decimals for the Invoice total VAT amount (BT-110) is 2.	fatal
BR-DEC-14	The allowed maximum number of decimals for the Invoice total amount with VAT (BT-112) is 2.	fatal
BR-DEC-15	The allowed maximum number of decimals for the Invoice total VAT amount in accounting currency (BT-111) is 2.	fatal
BR-DEC-16	The allowed maximum number of decimals for the Paid amount (BT-113) is 2.	fatal
BR-DEC-17	The allowed maximum number of decimals for the Rounding amount (BT-114) is 2.	fatal
BR-DEC-18	The allowed maximum number of decimals for the Amount due for payment (BT-115) is 2.	fatal
BR-DEC-19	The allowed maximum number of decimals for the VAT category taxable amount (BT-116) is 2.	fatal
BR-DEC-20	The allowed maximum number of decimals for the VAT category tax amount (BT-117) is 2.	fatal

ID	Message	Flag
BR-DEC-23	The allowed maximum number of decimals for the Invoice line net amount (BT-131) is 2.	fatal
BR-DEC-24	The allowed maximum number of decimals for the Invoice line allowance amount (BT-136) is 2.	fatal
BR-DEC-25	The allowed maximum number of decimals for the Invoice line allowance base amount (BT-137) is 2.	fatal
BR-DEC-27	The allowed maximum number of decimals for the Invoice line charge amount (BT-141) is 2.	fatal
BR-DEC-28	The allowed maximum number of decimals for the Invoice line charge base amount (BT-142) is 2.	fatal
BR-E-01	An Invoice that contains an Invoice line (BG-25), a Document level allowance (BG-20) or a Document level charge (BG-21) where the VAT category code (BT-151, BT-95 or BT-102) is "Exempt from VAT" shall contain exactly one VAT breakdown (BG-23) with the VAT category code (BT-118) equal to "Exempt from VAT".	fatal
BR-E-02	An Invoice that contains an Invoice line (BG-25) where the Invoiced item VAT category code (BT-151) is "Exempt from VAT" shall contain the Seller VAT Identifier (BT-31), the Seller tax registration identifier (BT-32) and/or the Seller tax representative VAT identifier (BT-63).	fatal
BR-E-03	An Invoice that contains a Document level allowance (BG-20) where the Document level allowance VAT category code (BT-95) is "Exempt from VAT" shall contain the Seller VAT Identifier (BT-31), the Seller tax registration identifier (BT-32) and/or the Seller tax representative VAT identifier (BT-63).	fatal
BR-E-04	An Invoice that contains a Document level charge (BG-21) where the Document level charge VAT category code (BT-102) is "Exempt from VAT" shall contain the Seller VAT Identifier (BT-31), the Seller tax registration identifier (BT-32) and/or the Seller tax representative VAT identifier (BT-63).	fatal
BR-E-05	In an Invoice line (BG-25) where the Invoiced item VAT category code (BT-151) is "Exempt from VAT", the Invoiced item VAT rate (BT-152) shall be 0 (zero).	fatal
BR-E-06	In a Document level allowance (BG-20) where the Document level allowance VAT category code (BT-95) is "Exempt from VAT", the Document level allowance VAT rate (BT-96) shall be 0 (zero).	fatal
BR-E-07	In a Document level charge (BG-21) where the Document level charge VAT category code (BT-102) is "Exempt from VAT", the Document level charge VAT rate (BT-103) shall be 0 (zero).	fatal
BR-E-08	In a VAT breakdown (BG-23) where the VAT category code (BT-118) is "Exempt from VAT" the VAT category taxable amount (BT-116) shall equal the sum of Invoice line net amounts (BT-131) minus the sum of Document level allowance amounts (BT-92) plus the sum of Document level charge amounts (BT-99) where the VAT category codes (BT-151, BT-95, BT-102) are "Exempt from VAT".	fatal
BR-E-09	The VAT category tax amount (BT-117) In a VAT breakdown (BG-23) where the VAT category code (BT-118) equals "Exempt from VAT" shall equal 0 (zero).	fatal
BR-E-10	A VAT breakdown (BG-23) with VAT Category code (BT-118) "Exempt from VAT" shall have a VAT exemption reason code (BT-121) or a VAT exemption reason text (BT-120).	fatal
BR-G-01	An Invoice that contains an Invoice line (BG-25), a Document level allowance (BG-20) or a Document level charge (BG-21) where the VAT category code (BT-151, BT-95 or BT-102) is "Export outside the EU" shall contain in the VAT breakdown (BG-23) exactly one VAT category code (BT-118) equal with "Export outside the EU".	fatal
BR-G-02	An Invoice that contains an Invoice line (BG-25) where the Invoiced item VAT category code (BT-151) is "Export outside the EU" shall contain the Seller VAT Identifier (BT-31) or the Seller tax representative VAT identifier (BT-63).	fatal

ID	Message	Flag
BR-G-03	An Invoice that contains a Document level allowance (BG-20) where the Document level allowance VAT category code (BT-95) is "Export outside the EU" shall contain the Seller VAT Identifier (BT-31) or the Seller tax representative VAT identifier (BT-63).	fatal
BR-G-04	An Invoice that contains a Document level charge (BG-21) where the Document level charge VAT category code (BT-102) is "Export outside the EU" shall contain the Seller VAT Identifier (BT-31) or the Seller tax representative VAT identifier (BT-63).	fatal
BR-G-05	In an Invoice line (BG-25) where the Invoiced item VAT category code (BT-151) is "Export outside the EU" the Invoiced item VAT rate (BT-152) shall be 0 (zero).	fatal
BR-G-06	In a Document level allowance (BG-20) where the Document level allowance VAT category code (BT-95) is "Export outside the EU" the Document level allowance VAT rate (BT-96) shall be 0 (zero).	fatal
BR-G-07	In a Document level charge (BG-21) where the Document level charge VAT category code (BT-102) is "Export outside the EU" the Document level charge VAT rate (BT-103) shall be 0 (zero).	fatal
BR-G-08	In a VAT breakdown (BG-23) where the VAT category code (BT-118) is "Export outside the EU" the VAT category taxable amount (BT-116) shall equal the sum of Invoice line net amounts (BT-131) minus the sum of Document level allowance amounts (BT-92) plus the sum of Document level charge amounts (BT-99) where the VAT category codes (BT-151, BT-95, BT-102) are "Export outside the EU".	fatal
BR-G-09	The VAT category tax amount (BT-117) in a VAT breakdown (BG-23) where the VAT category code (BT-118) is "Export outside the EU" shall be 0 (zero).	fatal
BR-G-10	A VAT breakdown (BG-23) with the VAT Category code (BT-118) "Export outside the EU" shall have a VAT exemption reason code (BT-121), meaning "Export outside the EU" or the VAT exemption reason text (BT-120) "Export outside the EU" (or the equivalent standard text in another language).	fatal
BR-IC-01	An Invoice that contains an Invoice line (BG-25), a Document level allowance (BG-20) or a Document level charge (BG-21) where the VAT category code (BT-151, BT-95 or BT-102) is "Intra-community supply" shall contain in the VAT breakdown (BG-23) exactly one VAT category code (BT-118) equal with "Intra-community supply".	fatal
BR-IC-02	An Invoice that contains an Invoice line (BG-25) where the Invoiced item VAT category code (BT-151) is "Intra-community supply" shall contain the Seller VAT Identifier (BT-31) or the Seller tax representative VAT identifier (BT-63) and the Buyer VAT identifier (BT-48).	fatal
BR-IC-03	An Invoice that contains a Document level allowance (BG-20) where the Document level allowance VAT category code (BT-95) is "Intra-community supply" shall contain the Seller VAT Identifier (BT-31) or the Seller tax representative VAT identifier (BT-63) and the Buyer VAT identifier (BT-48).	fatal
BR-IC-04	An Invoice that contains a Document level charge (BG-21) where the Document level charge VAT category code (BT-102) is "Intra-community supply" shall contain the Seller VAT Identifier (BT-31) or the Seller tax representative VAT identifier (BT-63) and the Buyer VAT identifier (BT-48).	fatal
BR-IC-05	In an Invoice line (BG-25) where the Invoiced item VAT category code (BT-151) is "Intracommunity supply" the Invoiced item VAT rate (BT-152) shall be 0 (zero).	fatal
BR-IC-06	In a Document level allowance (BG-20) where the Document level allowance VAT category code (BT-95) is "Intra-community supply" the Document level allowance VAT rate (BT-96) shall be 0 (zero).	fatal
BR-IC-07	In a Document level charge (BG-21) where the Document level charge VAT category code (BT-102) is "Intra-community supply" the Document level charge VAT rate (BT-103) shall be 0 (zero).	fatal

ID	Message	Flag
BR-IC-08	In a VAT breakdown (BG-23) where the VAT category code (BT-118) is "Intra-community supply" the VAT category taxable amount (BT-116) shall equal the sum of Invoice line net amounts (BT-131) minus the sum of Document level allowance amounts (BT-92) plus the sum of Document level charge amounts (BT-99) where the VAT category codes (BT-151, BT-95, BT-102) are "Intra-community supply".	fatal
BR-IC-09	The VAT category tax amount (BT-117) in a VAT breakdown (BG-23) where the VAT category code (BT-118) is "Intra-community supply" shall be 0 (zero).	fatal
BR-IC-10	A VAT breakdown (BG-23) with the VAT Category code (BT-118) "Intra-community supply" shall have a VAT exemption reason code (BT-121), meaning "Intra-community supply" or the VAT exemption reason text (BT-120) "Intra-community supply" (or the equivalent standard text in another language).	fatal
BR-IC-11	In an Invoice with a VAT breakdown (BG-23) where the VAT category code (BT-118) is "Intra-community supply" the Actual delivery date (BT-72) or the Invoicing period (BG-14) shall not be blank.	fatal
BR-IC-12	In an Invoice with a VAT breakdown (BG-23) where the VAT category code (BT-118) is "Intra-community supply" the Deliver to country code (BT-80) shall not be blank.	fatal
BR-IG-01	An Invoice that contains an Invoice line (BG-25), a Document level allowance (BG-20) or a Document level charge (BG-21) where the VAT category code (BT-151, BT-95 or BT-102) is "IGIC" shall contain in the VAT breakdown (BG-23) at least one VAT category code (BT-118) equal with "IGIC".	fatal
BR-IG-02	An Invoice that contains an Invoice line (BG-25) where the Invoiced item VAT category code (BT-151) is "IGIC" shall contain the Seller VAT Identifier (BT-31), the Seller tax registration identifier (BT-32) and/or the Seller tax representative VAT identifier (BT-63).	fatal
BR-IG-03	An Invoice that contains a Document level allowance (BG-20) where the Document level allowance VAT category code (BT-95) is "IGIC" shall contain the Seller VAT Identifier (BT-31), the Seller tax registration identifier (BT-32) and/or the Seller tax representative VAT identifier (BT-63).	fatal
BR-IG-04	An Invoice that contains a Document level charge (BG-21) where the Document level charge VAT category code (BT-102) is "IGIC" shall contain the Seller VAT Identifier (BT-31), the Seller Tax registration identifier (BT-32) and/or the Seller tax representative VAT identifier (BT-63).	fatal
BR-IG-05	In an Invoice line (BG-25) where the Invoiced item VAT category code (BT-151) is "IGIC" the invoiced item VAT rate (BT-152) shall be 0 (zero) or greater than zero.	fatal
BR-IG-06	In a Document level allowance (BG-20) where the Document level allowance VAT category code (BT-95) is "IGIC" the Document level allowance VAT rate (BT-96) shall be 0 (zero) or greater than zero.	fatal
BR-IG-07	In a Document level charge (BG-21) where the Document level charge VAT category code (BT-102) is "IGIC" the Document level charge VAT rate (BT-103) shall be 0 (zero) or greater than zero.	fatal
BR-IG-08	For each different value of VAT category rate (BT-119) where the VAT category code (BT-118) is "IGIC", the VAT category taxable amount (BT-116) in a VAT breakdown (BG-23) shall equal the sum of Invoice line net amounts (BT-131) plus the sum of document level charge amounts (BT-99) minus the sum of document level allowance amounts (BT-92) where the VAT category code (BT-151, BT-102, BT-95) is "IGIC" and the VAT rate (BT-152, BT-103, BT-96) equals the VAT category rate (BT-119).	fatal
BR-IG-09	The VAT category tax amount (BT-117) in a VAT breakdown (BG-23) where VAT category code (BT-118) is "IGIC" shall equal the VAT category taxable amount (BT-116) multiplied by the VAT category rate (BT-119).	fatal

ID	Message	Flag
BR-IG-10	A VAT breakdown (BG-23) with VAT Category code (BT-118) "IGIC" shall not have a VAT exemption reason code (BT-121) or VAT exemption reason text (BT-120).	fatal
BR-IP-01	An Invoice that contains an Invoice line (BG-25), a Document level allowance (BG-20) or a Document level charge (BG-21) where the VAT category code (BT-151, BT-95 or BT-102) is "IPSI" shall contain in the VAT breakdown (BG-23) at least one VAT category code (BT-118) equal with "IPSI".	fatal
BR-IP-02	An Invoice that contains an Invoice line (BG-25) where the Invoiced item VAT category code (BT-151) is "IPSI" shall contain the Seller VAT Identifier (BT-31), the Seller tax registration identifier (BT-32) and/or the Seller tax representative VAT identifier (BT-63).	fatal
BR-IP-03	An Invoice that contains a Document level allowance (BG-20) where the Document level allowance VAT category code (BT-95) is "IPSI" shall contain the Seller VAT Identifier (BT-31), the Seller Tax registration identifier (BT-32) and/or the Seller tax representative VAT identifier (BT-63).	fatal
BR-IP-04	An Invoice that contains a Document level charge (BG-21) where the Document level charge VAT category code (BT-102) is "IPSI" shall contain the Seller VAT Identifier (BT-31), the Seller Tax registration identifier (BT-32) and/or the Seller tax representative VAT identifier (BT-63).	fatal
BR-IP-05	In an Invoice line (BG-25) where the Invoiced item VAT category code (BT-151) is "IPSI" the Invoiced item VAT rate (BT-152) shall be 0 (zero) or greater than zero.	fatal
BR-IP-06	In a Document level allowance (BG-20) where the Document level allowance VAT category code (BT-95) is "IPSI" the Document level allowance VAT rate (BT-96) shall be 0 (zero) or greater than zero.	fatal
BR-IP-07	In a Document level charge (BG-21) where the Document level charge VAT category code (BT-102) is "IPSI" the Document level charge VAT rate (BT-103) shall be 0 (zero) or greater than zero.	fatal
BR-IP-08	For each different value of VAT category rate (BT-119) where the VAT category code (BT-118) is "IPSI", the VAT category taxable amount (BT-116) in a VAT breakdown (BG-23) shall equal the sum of Invoice line net amounts (BT-131) plus the sum of document level charge amounts (BT-99) minus the sum of document level allowance amounts (BT-92) where the VAT category code (BT-151, BT-102, BT-95) is "IPSI" and the VAT rate (BT-152, BT-103, BT-96) equals the VAT category rate (BT-119).	fatal
BR-IP-09	The VAT category tax amount (BT-117) in a VAT breakdown (BG-23) where VAT category code (BT-118) is "IPSI" shall equal the VAT category taxable amount (BT-116) multiplied by the VAT category rate (BT-119).	fatal
BR-IP-10	A VAT breakdown (BG-23) with VAT Category code (BT-118) "IPSI" shall not have a VAT exemption reason code (BT-121) or VAT exemption reason text (BT-120).	fatal
BR-O-01	An Invoice that contains an Invoice line (BG-25), a Document level allowance (BG-20) or a Document level charge (BG-21) where the VAT category code (BT-151, BT-95 or BT-102) is "Not subject to VAT" shall contain exactly one VAT breakdown group (BG-23) with the VAT category code (BT-118) equal to "Not subject to VAT".	fatal
BR-O-02	An Invoice that contains an Invoice line (BG-25) where the Invoiced item VAT category code (BT-151) is "Not subject to VAT" shall not contain the Seller VAT identifier (BT-31), the Seller tax representative VAT identifier (BT-63) or the Buyer VAT identifier (BT-48).	fatal
BR-O-03	An Invoice that contains a Document level allowance (BG-20) where the Document level allowance VAT category code (BT-95) is "Not subject to VAT" shall not contain the Seller VAT identifier (BT-31), the Seller tax representative VAT identifier (BT-63) or the Buyer VAT identifier (BT-48).	fatal

ID	Message	Flag
BR-O-04	An Invoice that contains a Document level charge (BG-21) where the Document level charge VAT category code (BT-102) is "Not subject to VAT" shall not contain the Seller VAT identifier (BT-31), the Seller tax representative VAT identifier (BT-63) or the Buyer VAT identifier (BT-48).	fatal
BR-O-05	An Invoice line (BG-25) where the VAT category code (BT-151) is "Not subject to VAT" shall not contain an Invoiced item VAT rate (BT-152).	fatal
BR-O-06	A Document level allowance (BG-20) where VAT category code (BT-95) is "Not subject to VAT" shall not contain a Document level allowance VAT rate (BT-96).	fatal
BR-O-07	A Document level charge (BG-21) where the VAT category code (BT-102) is "Not subject to VAT" shall not contain a Document level charge VAT rate (BT-103).	fatal
BR-O-08	In a VAT breakdown (BG-23) where the VAT category code (BT-118) is "Not subject to VAT" the VAT category taxable amount (BT-116) shall equal the sum of Invoice line net amounts (BT-131) minus the sum of Document level allowance amounts (BT-92) plus the sum of Document level charge amounts (BT-99) where the VAT category codes (BT-151, BT-95, BT-102) are "Not subject to VAT".	fatal
BR-O-09	The VAT category tax amount (BT-117) in a VAT breakdown (BG-23) where the VAT category code (BT-118) is "Not subject to VAT" shall be 0 (zero).	fatal
BR-O-10	A VAT breakdown (BG-23) with VAT Category code (BT-118) "Not subject to VAT" shall have a VAT exemption reason code (BT-121), meaning "Not subject to VAT" or a VAT exemption reason text (BT-120) "Not subject to VAT" (or the equivalent standard text in another language).	fatal
BR-O-11	An Invoice that contains a VAT breakdown group (BG-23) with a VAT category code (BT-118) "Not subject to VAT" shall not contain other VAT breakdown groups (BG-23).	fatal
BR-O-12	An Invoice that contains a VAT breakdown group (BG-23) with a VAT category code (BT-118) "Not subject to VAT" shall not contain an Invoice line (BG-25) where the Invoiced item VAT category code (BT-151) is not "Not subject to VAT".	fatal
BR-O-13	An Invoice that contains a VAT breakdown group (BG-23) with a VAT category code (BT-118) "Not subject to VAT" shall not contain Document level allowances (BG-20) where Document level allowance VAT category code (BT-95) is not "Not subject to VAT".	fatal
BR-O-14	An Invoice that contains a VAT breakdown group (BG-23) with a VAT category code (BT-118) "Not subject to VAT" shall not contain Document level charges (BG-21) where Document level charge VAT category code (BT-102) is not "Not subject to VAT".	fatal
BR-S-01	An Invoice that contains an Invoice line (BG-25), a Document level allowance (BG-20) or a Document level charge (BG-21) where the VAT category code (BT-151, BT-95 or BT-102) is "Standard rated" shall contain in the VAT breakdown (BG-23) at least one VAT category code (BT-118) equal with "Standard rated".	fatal
BR-S-02	An Invoice that contains an Invoice line (BG-25) where the Invoiced item VAT category code (BT-151) is "Standard rated" shall contain the Seller VAT Identifier (BT-31), the Seller tax registration identifier (BT-32) and/or the Seller tax representative VAT identifier (BT-63).	fatal
BR-S-03	An Invoice that contains a Document level allowance (BG-20) where the Document level allowance VAT category code (BT-95) is "Standard rated" shall contain the Seller VAT Identifier (BT-31), the Seller tax registration identifier (BT-32) and/or the Seller tax representative VAT identifier (BT-63).	fatal
BR-S-04	An Invoice that contains a Document level charge (BG-21) where the Document level charge VAT category code (BT-102) is "Standard rated" shall contain the Seller VAT Identifier (BT-31), the Seller tax registration identifier (BT-32) and/or the Seller tax representative VAT identifier (BT-63).	fatal

ID	Message	Flag
BR-S-05	In an Invoice line (BG-25) where the Invoiced item VAT category code (BT-151) is "Standard rated" the Invoiced item VAT rate (BT-152) shall be greater than zero.	fatal
BR-S-06	In a Document level allowance (BG-20) where the Document level allowance VAT category code (BT-95) is "Standard rated" the Document level allowance VAT rate (BT-96) shall be greater than zero.	fatal
BR-S-07	In a Document level charge (BG-21) where the Document level charge VAT category code (BT-102) is "Standard rated" the Document level charge VAT rate (BT-103) shall be greater than zero.	fatal
BR-S-08	For each different value of VAT category rate (BT-119) where the VAT category code (BT-118) is "Standard rated", the VAT category taxable amount (BT-116) in a VAT breakdown (BG-23) shall equal the sum of Invoice line net amounts (BT-131) plus the sum of document level charge amounts (BT-99) minus the sum of document level allowance amounts (BT-92) where the VAT category code (BT-151, BT-102, BT-95) is "Standard rated" and the VAT rate (BT-152, BT-103, BT-96) equals the VAT category rate (BT-119).	fatal
BR-S-09	The VAT category tax amount (BT-117) in a VAT breakdown (BG-23) where VAT category code (BT-118) is "Standard rated" shall equal the VAT category taxable amount (BT-116) multiplied by the VAT category rate (BT-119).	fatal
BR-S-10	A VAT breakdown (BG-23) with VAT Category code (BT-118) "Standard rate" shall not have a VAT exemption reason code (BT-121) or VAT exemption reason text (BT-120).	fatal
BR-Z-01	An Invoice that contains an Invoice line (BG-25), a Document level allowance (BG-20) or a Document level charge (BG-21) where the VAT category code (BT-151, BT-95 or BT-102) is "Zero rated" shall contain in the VAT breakdown (BG-23) exactly one VAT category code (BT-118) equal with "Zero rated".	fatal
BR-Z-02	An Invoice that contains an Invoice line where the Invoiced item VAT category code (BT-151) is "Zero rated" shall contain the Seller VAT Identifier (BT-31), the Seller tax registration identifier (BT-32) and/or the Seller tax representative VAT identifier (BT-63).	fatal
BR-Z-03	An Invoice that contains a Document level allowance (BG-20) where the Document level allowance VAT category code (BT-95) is "Zero rated" shall contain the Seller VAT Identifier (BT-31), the Seller tax registration identifier (BT-32) and/or the Seller tax representative VAT identifier (BT-63).	fatal
BR-Z-04	An Invoice that contains a Document level charge where the Document level charge VAT category code (BT-102) is "Zero rated" shall contain the Seller VAT Identifier (BT-31), the Seller tax registration identifier (BT-32) and/or the Seller tax representative VAT identifier (BT-63).	fatal
BR-Z-05	In an Invoice line (BG-25) where the Invoiced item VAT category code (BT-151) is "Zero rated" the Invoiced item VAT rate (BT-152) shall be 0 (zero).	fatal
BR-Z-06	In a Document level allowance (BG-20) where the Document level allowance VAT category code (BT-95) is "Zero rated" the Document level allowance VAT rate (BT-96) shall be 0 (zero).	fatal
BR-Z-07	In a Document level charge (BG-21) where the Document level charge VAT category code (BT-102) is "Zero rated" the Document level charge VAT rate (BT-103) shall be 0 (zero).	fatal
BR-Z-08	In a VAT breakdown (BG-23) where VAT category code (BT-118) is "Zero rated" the VAT category taxable amount (BT-116) shall equal the sum of Invoice line net amount (BT-131) minus the sum of Document level allowance amounts (BT-92) plus the sum of Document level charge amounts (BT-99) where the VAT category codes (BT-151, BT-95, BT-102) are "Zero rated".	fatal
BR-Z-09	The VAT category tax amount (BT-117) in a VAT breakdown (BG-23) where VAT category code (BT-118) is "Zero rated" shall equal 0 (zero).	fatal
BR-Z-10	A VAT breakdown (BG-23) with VAT Category code (BT-118) "Zero rated" shall not have a VAT exemption reason code (BT-121) or VAT exemption reason text (BT-120).	fatal

9 Rules

ID	Message	Flag
UBL-CR-666	A UBL invoice shall not include an AdditionalDocumentReference simultaneously referring an Invoice Object Identifier and an Attachment	fatal
UBL-CR-673	A UBL invoice shall not include an AdditionalDocumentReference simultaneously referring an Invoice Object Identifier and an Document Description	fatal
UBL-DT-01	Amounts shall be decimal up to two fraction digits	fatal
UBL-DT-06	Binary object elements shall contain the mime code attribute	fatal
UBL-DT-07	Binary object elements shall contain the file name attribute	fatal
UBL-SR-01	Contract identifier shall occur maximum once.	fatal
UBL-SR-02	Receive advice identifier shall occur maximum once	fatal
UBL-SR-03	Despatch advice identifier shall occur maximum once	fatal
UBL-SR-04	Invoice object identifier shall occur maximum once	fatal
UBL-SR-05	Payment terms shall occur maximum once	fatal
UBL-SR-06	Preceding invoice reference shall occur maximum once	fatal
UBL-SR-07	If there is a preceding invoice reference, the preceding invoice number shall be present	fatal
UBL-SR-08	Invoice period shall occur maximum once	fatal
UBL-SR-09	Seller name shall occur maximum once	fatal
UBL-SR-10	Seller trader name shall occur maximum once	fatal
UBL-SR-11	Seller legal registration identifier shall occur maximum once	fatal
UBL-SR-12	Seller VAT identifier shall occur maximum once	fatal
UBL-SR-13	Seller tax registration shall occur maximum once	fatal
UBL-SR-14	Seller additional legal information shall occur maximum once	fatal
UBL-SR-15	Buyer name shall occur maximum once	fatal
UBL-SR-16	Buyer identifier shall occur maximum once	fatal
UBL-SR-17	Buyer legal registration identifier shall occur maximum once	fatal
UBL-SR-18	Buyer VAT identifier shall occur maximum once	fatal
UBL-SR-19	Payee name shall occur maximum once, if the Payee is different from the Seller	fatal
UBL-SR-20	Payee identifier shall occur maximum once, if the Payee is different from the Seller	fatal
UBL-SR-21	Payee legal registration identifier shall occur maximum once, if the Payee is different from the Seller	fatal
UBL-SR-22	Seller tax representative name shall occur maximum once, if the Seller has a tax representative	fatal
UBL-SR-23	Seller tax representative VAT identifier shall occur maximum once, if the Seller has a tax representative	fatal
UBL-SR-24	Deliver to information shall occur maximum once	fatal
UBL-SR-25	Deliver to party name shall occur maximum once	fatal
UBL-SR-26	Payment reference shall occur maximum once	fatal
UBL-SR-27	Payment means text shall occur maximum once	fatal
UBL-SR-28	Mandate reference identifier shall occur maximum once	fatal
UBL-SR-29	Bank creditor reference shall occur maximum once	fatal
UBL-SR-30	Document level allowance reason shall occur maximum once	fatal
UBL-SR-31	Document level charge reason shall occur maximum once	fatal
UBL-SR-32	VAT exemption reason text shall occur maximum once	fatal
UBL-SR-33	Supporting document description shall occur maximum once	fatal
UBL-SR-34	Invoice line note shall occur maximum once	fatal

ID	Message	Flag
UBL-SR-35	Referenced purchase order line identifier shall occur maximum once	fatal
UBL-SR-36	Invoice line period shall occur maximum once	fatal
UBL-SR-37	Item price discount shall occur maximum once	fatal
UBL-SR-38	Invoiced item VAT exemption reason text shall occur maximum once	fatal
UBL-SR-39	Project reference shall occur maximum once.	fatal
UBL-SR-40	Buyer trade name shall occur maximum once	fatal
UBL-SR-42	Party tax scheme shall occur maximum twice in accounting supplier party	fatal
UBL-SR-43	Scheme identifier shall only be used for invoiced object (document type code with value 130)	fatal
UBL-SR-44	Payment ID shall occur maximum once	fatal
UBL-SR-45	Due Date shall occur maximum once	fatal
UBL-SR-46	Payment means text shall occur maximum once	fatal
UBL-SR-47	When there are more than one payment means code, they shall be equal	fatal
UBL-SR-48	Invoice lines shall have one and only one classified tax category.	fatal
UBL-SR-49	Value tax point date shall occur maximum once	fatal
UBL-SR-50	Item description shall occur maximum once	fatal
UBL-CR-001	A UBL invoice should not include extensions	warning
UBL-CR-002	A UBL invoice should not include the UBLVersionID or it should be 2.1	warning
UBL-CR-003	A UBL invoice should not include the ProfileExecutionID	warning
UBL-CR-004	A UBL invoice should not include the CopyIndicator	warning
UBL-CR-005	A UBL invoice should not include the UUID	warning
UBL-CR-006	A UBL invoice should not include the IssueTime	warning
UBL-CR-007	A UBL invoice should not include the PricingCurrencyCode	warning
UBL-CR-008	A UBL invoice should not include the PaymentCurrencyCode	warning
UBL-CR-009	A UBL invoice should not include the PaymentAlternativeCurrencyCode	warning
UBL-CR-010	A UBL invoice should not include the AccountingCostCode	warning
UBL-CR-011	A UBL invoice should not include the LineCountNumeric	warning
UBL-CR-012	A UBL invoice should not include the InvoicePeriod StartTime	warning
UBL-CR-013	A UBL invoice should not include the InvoicePeriod EndTime	warning
UBL-CR-014	A UBL invoice should not include the InvoicePeriod DurationMeasure	warning
UBL-CR-015	A UBL invoice should not include the InvoicePeriod Description	warning
UBL-CR-016	A UBL invoice should not include the OrderReference CopyIndicator	warning
UBL-CR-017	A UBL invoice should not include the OrderReference UUID	warning
UBL-CR-018	A UBL invoice should not include the OrderReference IssueDate	warning
UBL-CR-019	A UBL invoice should not include the OrderReference IssueTime	warning
UBL-CR-020	A UBL invoice should not include the OrderReference CustomerReference	warning
UBL-CR-021	A UBL invoice should not include the OrderReference OrderTypeCode	warning
UBL-CR-022	A UBL invoice should not include the OrderReference DocumentReference	warning
UBL-CR-023	A UBL invoice should not include the BillingReference CopyIndicator	warning
UBL-CR-024	A UBL invoice should not include the BillingReference UUID	warning
UBL-CR-025	A UBL invoice should not include the BillingReference IssueTime	warning
UBL-CR-026	A UBL invoice should not include the BillingReference DocumentTypeCode	warning
UBL-CR-027	A UBL invoice should not include the BillingReference DocumentType	warning
UBL-CR-028	A UBL invoice should not include the BillingReference Xpath	warning
UBL-CR-029	A UBL invoice should not include the BillingReference LanguageID	warning

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ID	Message	Flag
UBL-CR-030	A UBL invoice should not include the BillingReference LocaleCode	warning
UBL-CR-031	A UBL invoice should not include the BillingReference VersionID	warning
UBL-CR-032	A UBL invoice should not include the BillingReference DocumentStatusCode	warning
UBL-CR-033	A UBL invoice should not include the BillingReference DocumenDescription	warning
UBL-CR-034	A UBL invoice should not include the BillingReference Attachment	warning
UBL-CR-035	A UBL invoice should not include the BillingReference ValidityPeriod	warning
UBL-CR-036	A UBL invoice should not include the BillingReference IssuerParty	warning
UBL-CR-037	A UBL invoice should not include the BillingReference ResultOfVerification	warning
UBL-CR-038	A UBL invoice should not include the BillingReference SelfBilledInvoiceDocumentReference	warning
UBL-CR-039	A UBL invoice should not include the BillingReference CreditNoteDocumentReference	warning
UBL-CR-040	A UBL invoice should not include the BillingReference SelfBilledCreditNoteDocumentReference	warning
UBL-CR-041	A UBL invoice should not include the BillingReference DebitNoteDocumentReference	warning
UBL-CR-042	A UBL invoice should not include the BillingReference ReminderDocumentReference	warning
UBL-CR-043	A UBL invoice should not include the BillingReference AdditionalDocumentReference	warning
UBL-CR-044	A UBL invoice should not include the BillingReference BillingReferenceLine	warning
UBL-CR-045	A UBL invoice should not include the DespatchDocumentReference CopyIndicator	warning
UBL-CR-046	A UBL invoice should not include the DespatchDocumentReference UUID	warning
UBL-CR-047	A UBL invoice should not include the DespatchDocumentReference IssueDate	warning
UBL-CR-048	A UBL invoice should not include the DespatchDocumentReference IssueTime	warning
UBL-CR-049	A UBL invoice should not include the DespatchDocumentReference DocumentTypeCode	warning
UBL-CR-050	A UBL invoice should not include the DespatchDocumentReference DocumentType	warning
UBL-CR-051	A UBL invoice should not include the DespatchDocumentReference Xpath	warning
UBL-CR-052	A UBL invoice should not include the DespatchDocumentReference LanguageID	warning
UBL-CR-053	A UBL invoice should not include the DespatchDocumentReference LocaleCode	warning
UBL-CR-054	A UBL invoice should not include the DespatchDocumentReference VersionID	warning
UBL-CR-055	A UBL invoice should not include the DespatchDocumentReference DocumentStatusCode	warning
UBL-CR-056	A UBL invoice should not include the DespatchDocumentReference DocumentDescription	warning
UBL-CR-057	A UBL invoice should not include the DespatchDocumentReference Attachment	warning
UBL-CR-058	A UBL invoice should not include the DespatchDocumentReference ValidityPeriod	warning
UBL-CR-059	A UBL invoice should not include the DespatchDocumentReference IssuerParty	warning
UBL-CR-060	A UBL invoice should not include the DespatchDocumentReference ResultOfVerification	warning
UBL-CR-061	A UBL invoice should not include the ReceiptDocumentReference CopyIndicator	warning
UBL-CR-062	A UBL invoice should not include the ReceiptDocumentReference UUID	warning
UBL-CR-063	A UBL invoice should not include the ReceiptDocumentReference IssueDate	warning
UBL-CR-064	A UBL invoice should not include the ReceiptDocumentReference IssueTime	warning

ID	Message	Flag
UBL-CR-065	A UBL invoice should not include the ReceiptDocumentReference DocumentTypeCode	warning
UBL-CR-066	A UBL invoice should not include the ReceiptDocumentReference DocumentType	warning
UBL-CR-067	A UBL invoice should not include the ReceiptDocumentReference Xpath	warning
UBL-CR-068	A UBL invoice should not include the ReceiptDocumentReference LanguageID	warning
UBL-CR-069	A UBL invoice should not include the ReceiptDocumentReference LocaleCode	warning
UBL-CR-070	A UBL invoice should not include the ReceiptDocumentReference VersionID	warning
UBL-CR-071	A UBL invoice should not include the ReceiptDocumentReference DocumentStatusCode	warning
UBL-CR-072	A UBL invoice should not include the ReceiptDocumentReference DocumentDescription	warning
UBL-CR-073	A UBL invoice should not include the ReceiptDocumentReference Attachment	warning
UBL-CR-074	A UBL invoice should not include the ReceiptDocumentReference ValidityPeriod	warning
UBL-CR-075	A UBL invoice should not include the ReceiptDocumentReference IssuerParty	warning
UBL-CR-076	A UBL invoice should not include the ReceiptDocumentReference ResultOfVerification	warning
UBL-CR-077	A UBL invoice should not include the StatementDocumentReference	warning
UBL-CR-078	A UBL invoice should not include the OriginatorDocumentReference CopyIndicator	warning
UBL-CR-079	A UBL invoice should not include the OriginatorDocumentReference UUID	warning
UBL-CR-080	A UBL invoice should not include the OriginatorDocumentReference IssueDate	warning
UBL-CR-081	A UBL invoice should not include the OriginatorDocumentReference IssueTime	warning
UBL-CR-082	A UBL invoice should not include the OriginatorDocumentReference DocumentTypeCode	warning
UBL-CR-083	A UBL invoice should not include the OriginatorDocumentReference DocumentType	warning
UBL-CR-084	A UBL invoice should not include the OriginatorDocumentReference Xpath	warning
UBL-CR-085	A UBL invoice should not include the OriginatorDocumentReference LanguageID	warning
UBL-CR-086	A UBL invoice should not include the OriginatorDocumentReference LocaleCode	warning
UBL-CR-087	A UBL invoice should not include the OriginatorDocumentReference VersionID	warning
UBL-CR-088	A UBL invoice should not include the OriginatorDocumentReference DocumentStatusCode	warning
UBL-CR-089	A UBL invoice should not include the OriginatorDocumentReference DocumentDescription	warning
UBL-CR-090	A UBL invoice should not include the OriginatorDocumentReference Attachment	warning
UBL-CR-091	A UBL invoice should not include the OriginatorDocumentReference ValidityPeriod	warning
UBL-CR-092	A UBL invoice should not include the OriginatorDocumentReference IssuerParty	warning
UBL-CR-093	A UBL invoice should not include the OriginatorDocumentReference ResultOfVerification	warning
UBL-CR-094	A UBL invoice should not include the ContractDocumentReference CopyIndicator	warning
UBL-CR-095	A UBL invoice should not include the ContractDocumentReference UUID	warning
UBL-CR-096	A UBL invoice should not include the ContractDocumentReference IssueDate	warning
UBL-CR-097	A UBL invoice should not include the ContractDocumentReference IssueTime	warning
UBL-CR-098	A UBL invoice should not include the ContractDocumentReference DocumentTypeCode	warning

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ID	Message	Flag
UBL-CR-099	A UBL invoice should not include the ContractDocumentReference DocumentType	warning
UBL-CR-100	A UBL invoice should not include the ContractDocumentReference Xpath	warning
UBL-CR-101	A UBL invoice should not include the ContractDocumentReference LanguageID	warning
UBL-CR-102	A UBL invoice should not include the ContractDocumentReference LocaleCode	warning
UBL-CR-103	A UBL invoice should not include the ContractDocumentReference VersionID	warning
UBL-CR-104	A UBL invoice should not include the ContractDocumentReference DocumentStatusCode	warning
UBL-CR-105	A UBL invoice should not include the ContractDocumentReference DocumentDescription	warning
UBL-CR-106	A UBL invoice should not include the ContractDocumentReference Attachment	warning
UBL-CR-107	A UBL invoice should not include the ContractDocumentReference ValidityPeriod	warning
UBL-CR-108	A UBL invoice should not include the ContractDocumentReference IssuerParty	warning
UBL-CR-109	A UBL invoice should not include the ContractDocumentReference ResultOfVerification	warning
UBL-CR-110	A UBL invoice should not include the AdditionalDocumentReference CopyIndicator	warning
UBL-CR-111	A UBL invoice should not include the AdditionalDocumentReference UUID	warning
UBL-CR-112	A UBL invoice should not include the AdditionalDocumentReference IssueDate	warning
UBL-CR-113	A UBL invoice should not include the AdditionalDocumentReference IssueTime	warning
UBL-CR-114	A UBL invoice should not include the AdditionalDocumentReference DocumentType	warning
UBL-CR-115	A UBL invoice should not include the AdditionalDocumentReference Xpath	warning
UBL-CR-116	A UBL invoice should not include the AdditionalDocumentReference LanguageID	warning
UBL-CR-117	A UBL invoice should not include the AdditionalDocumentReference LocaleCode	warning
UBL-CR-118	A UBL invoice should not include the AdditionalDocumentReference VersionID	warning
UBL-CR-119	A UBL invoice should not include the AdditionalDocumentReference DocumentStatusCode	warning
UBL-CR-121	A UBL invoice should not include the AdditionalDocumentReference Attachment External DocumentHash	warning
UBL-CR-122	A UBL invoice should not include the AdditionalDocumentReference Attachment External HashAlgorithmMethod	warning
UBL-CR-123	A UBL invoice should not include the AdditionalDocumentReference Attachment External ExpiryDate	warning
UBL-CR-124	A UBL invoice should not include the AdditionalDocumentReference Attachment External ExpiryTime	warning
UBL-CR-125	A UBL invoice should not include the AdditionalDocumentReference Attachment External MimeCode	warning
UBL-CR-126	A UBL invoice should not include the AdditionalDocumentReference Attachment External FormatCode	warning
UBL-CR-127	A UBL invoice should not include the AdditionalDocumentReference Attachment External EncodingCode	warning
UBL-CR-128	A UBL invoice should not include the AdditionalDocumentReference Attachment External CharacterSetCode	warning
UBL-CR-129	A UBL invoice should not include the AdditionalDocumentReference Attachment External FileName	warning
UBL-CR-130	A UBL invoice should not include the AdditionalDocumentReference Attachment External Descriprion	warning
UBL-CR-131	A UBL invoice should not include the AdditionalDocumentReference ValidityPeriod	warning

ID	Message	Flag
UBL-CR-132	A UBL invoice should not include the AdditionalDocumentReference IssuerParty	warning
UBL-CR-133	A UBL invoice should not include the AdditionalDocumentReference ResultOfVerification	warning
UBL-CR-134	A UBL invoice should not include the ProjectReference UUID	warning
UBL-CR-135	A UBL invoice should not include the ProjectReference IssueDate	warning
UBL-CR-136	A UBL invoice should not include the ProjectReference WorkPhaseReference	warning
UBL-CR-137	A UBL invoice should not include the Signature	warning
UBL-CR-138	A UBL invoice should not include the AccountingSupplierParty CustomerAssignedAccountID	warning
UBL-CR-139	A UBL invoice should not include the AccountingSupplierParty AdditionalAccountID	warning
UBL-CR-140	A UBL invoice should not include the AccountingSupplierParty DataSendingCapability	warning
UBL-CR-141	A UBL invoice should not include the AccountingSupplierParty Party MarkCareIndicator	warning
UBL-CR-142	A UBL invoice should not include the AccountingSupplierParty Party MarkAttentionIndicator	warning
UBL-CR-143	A UBL invoice should not include the AccountingSupplierParty Party WebsiteURI	warning
UBL-CR-144	A UBL invoice should not include the AccountingSupplierParty Party LogoReferenceID	warning
UBL-CR-145	A UBL invoice should not include the AccountingSupplierParty Party IndustryClassificationCode	warning
UBL-CR-146	A UBL invoice should not include the AccountingSupplierParty Party Language	warning
UBL-CR-147	A UBL invoice should not include the AccountingSupplierParty Party PostalAddress ID	warning
UBL-CR-148	A UBL invoice should not include the AccountingSupplierParty Party PostalAddress AddressTypeCode	warning
UBL-CR-149	A UBL invoice should not include the AccountingSupplierParty Party PostalAddress AddressFormatCode	warning
UBL-CR-150	A UBL invoice should not include the AccountingSupplierParty Party PostalAddress Postbox	warning
UBL-CR-151	A UBL invoice should not include the AccountingSupplierParty Party PostalAddress Floor	warning
UBL-CR-152	A UBL invoice should not include the AccountingSupplierParty Party PostalAddress Room	warning
UBL-CR-153	A UBL invoice should not include the AccountingSupplierParty Party PostalAddress BlockName	warning
UBL-CR-154	A UBL invoice should not include the AccountingSupplierParty Party PostalAddress BuildingName	warning
UBL-CR-155	A UBL invoice should not include the AccountingSupplierParty Party PostalAddress BuildingNumber	warning
UBL-CR-156	A UBL invoice should not include the AccountingSupplierParty Party PostalAddress InhouseMail	warning
UBL-CR-157	A UBL invoice should not include the AccountingSupplierParty Party PostalAddress Department	warning
UBL-CR-158	A UBL invoice should not include the AccountingSupplierParty Party PostalAddress MarkAttention	warning
UBL-CR-159	A UBL invoice should not include the AccountingSupplierParty Party PostalAddress MarkCare	warning
UBL-CR-160	A UBL invoice should not include the AccountingSupplierParty Party PostalAddress PlotIdentification	warning
UBL-CR-161	A UBL invoice should not include the AccountingSupplierParty Party PostalAddress CitySubdivisionName	warning

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ID	Message	Flag
UBL-CR-162	A UBL invoice should not include the AccountingSupplierParty Party PostalAddress CountrySubentityCode	warning
UBL-CR-163	A UBL invoice should not include the AccountingSupplierParty Party PostalAddress Region	warning
UBL-CR-164	A UBL invoice should not include the AccountingSupplierParty Party PostalAddress District	warning
UBL-CR-165	A UBL invoice should not include the AccountingSupplierParty Party PostalAddress TimezoneOffset	warning
UBL-CR-166	A UBL invoice should not include the AccountingSupplierParty Party PostalAddress Country Name	warning
UBL-CR-167	A UBL invoice should not include the AccountingSupplierParty Party PostalAddress LocationCoordinate	warning
UBL-CR-168	A UBL invoice should not include the AccountingSupplierParty Party PhysicalLocation	warning
UBL-CR-169	A UBL invoice should not include the AccountingSupplierParty Party PartyTaxScheme RegistrationName	warning
UBL-CR-170	A UBL invoice should not include the AccountingSupplierParty Party PartyTaxScheme TaxLevelCode	warning
UBL-CR-171	A UBL invoice should not include the AccountingSupplierParty Party PartyTaxScheme ExemptionReasonCode	warning
UBL-CR-172	A UBL invoice should not include the AccountingSupplierParty Party PartyTaxScheme ExemptionReason	warning
UBL-CR-173	A UBL invoice should not include the AccountingSupplierParty Party PartyTaxScheme RegistrationAddress	warning
UBL-CR-174	A UBL invoice should not include the AccountingSupplierParty Party PartyTaxScheme TaxScheme Name	warning
UBL-CR-175	A UBL invoice should not include the AccountingSupplierParty Party PartyTaxScheme TaxScheme TaxTypeCode	warning
UBL-CR-176	A UBL invoice should not include the AccountingSupplierParty Party PartyTaxScheme TaxScheme CurrencyCode	warning
UBL-CR-177	A UBL invoice should not include the AccountingSupplierParty Party PartyTaxScheme TaxScheme JurisdictionRegionAddress	warning
UBL-CR-178	A UBL invoice should not include the AccountingSupplierParty Party PartyLegalEntity RegistrationDate	warning
UBL-CR-179	A UBL invoice should not include the AccountingSupplierParty Party PartyLegalEntity RegistrationExpirationDate	warning
UBL-CR-180	A UBL invoice should not include the AccountingSupplierParty Party PartyLegalEntity CompanyLegalFormCode	warning
UBL-CR-181	A UBL invoice should not include the AccountingSupplierParty Party PartyLegalEntity SoleProprietorshipIndicator	warning
UBL-CR-182	A UBL invoice should not include the AccountingSupplierParty Party PartyLegalEntity CompanyLiquidationStatusCode	warning
UBL-CR-183	A UBL invoice should not include the AccountingSupplierParty Party PartyLegalEntity CorporationStockAmount	warning
UBL-CR-184	A UBL invoice should not include the AccountingSupplierParty Party PartyLegalEntity FullyPaidSharesIndicator	warning
UBL-CR-185	A UBL invoice should not include the AccountingSupplierParty Party PartyLegalEntity RegistrationAddress	warning
UBL-CR-186	A UBL invoice should not include the AccountingSupplierParty Party PartyLegalEntity CorporateRegistrationScheme	warning
UBL-CR-187	A UBL invoice should not include the AccountingSupplierParty Party PartyLegalEntity HeadOfficeParty	warning
UBL-CR-188	A UBL invoice should not include the AccountingSupplierParty Party PartyLegalEntity ShareholderParty	warning
UBL-CR-189	A UBL invoice should not include the AccountingSupplierParty Party Contact ID	warning

ID	Message	Flag
UBL-CR-190	A UBL invoice should not include the AccountingSupplierParty Party Contact Telefax	warning
UBL-CR-191	A UBL invoice should not include the AccountingSupplierParty Party Contact Note	warning
UBL-CR-192	A UBL invoice should not include the AccountingSupplierParty Party Contact OtherCommunication	warning
UBL-CR-193	A UBL invoice should not include the AccountingSupplierParty Party Person	warning
UBL-CR-194	A UBL invoice should not include the AccountingSupplierParty Party AgentParty	warning
UBL-CR-195	A UBL invoice should not include the AccountingSupplierParty Party ServiceProviderParty	warning
UBL-CR-196	A UBL invoice should not include the AccountingSupplierParty Party PowerOfAttorney	warning
UBL-CR-197	A UBL invoice should not include the AccountingSupplierParty Party FinancialAccount	warning
UBL-CR-198	A UBL invoice should not include the AccountingSupplierParty DespatchContact	warning
UBL-CR-199	A UBL invoice should not include the AccountingSupplierParty AccountingContact	warning
UBL-CR-200	A UBL invoice should not include the AccountingSupplierParty SellerContact	warning
UBL-CR-201	A UBL invoice should not include the AccountingCustomerParty CustomerAssignedAccountID	warning
UBL-CR-202	A UBL invoice should not include the AccountingCustomerParty SupplierAssignedAccountID	warning
UBL-CR-203	A UBL invoice should not include the AccountingCustomerParty AdditionalAccountID	warning
UBL-CR-204	A UBL invoice should not include the AccountingCustomerParty Party MarkCareIndicator	warning
UBL-CR-205	A UBL invoice should not include the AccountingCustomerParty Party MarkAttentionIndicator	warning
UBL-CR-206	A UBL invoice should not include the AccountingCustomerParty Party WebsiteURI	warning
UBL-CR-207	A UBL invoice should not include the AccountingCustomerParty Party LogoReferenceID	warning
UBL-CR-208	A UBL invoice should not include the AccountingCustomerParty Party IndustryClassificationCode	warning
UBL-CR-209	A UBL invoice should not include the AccountingCustomerParty Party Language	warning
UBL-CR-210	A UBL invoice should not include the AccountingCustomerParty Party PostalAddress ID	warning
UBL-CR-211	A UBL invoice should not include the AccountingCustomerParty Party PostalAddress AddressTypeCode	warning
UBL-CR-212	A UBL invoice should not include the AccountingCustomerParty Party PostalAddress AddressFormatCode	warning
UBL-CR-213	A UBL invoice should not include the AccountingCustomerParty Party PostalAddress Postbox	warning
UBL-CR-214	A UBL invoice should not include the AccountingCustomerParty Party PostalAddress Floor	warning
UBL-CR-215	A UBL invoice should not include the AccountingCustomerParty Party PostalAddress Room	warning
UBL-CR-216	A UBL invoice should not include the AccountingCustomerParty Party PostalAddress BlockName	warning
UBL-CR-217	A UBL invoice should not include the AccountingCustomerParty Party PostalAddress BuildingName	warning
UBL-CR-218	A UBL invoice should not include the AccountingCustomerParty Party PostalAddress BuildingNumber	warning

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ID	Message	Flag
UBL-CR-219	A UBL invoice should not include the AccountingCustomerParty Party PostalAddress InhouseMail	warning
UBL-CR-220	A UBL invoice should not include the AccountingCustomerParty Party PostalAddress Department	warning
UBL-CR-221	A UBL invoice should not include the AccountingCustomerParty Party PostalAddress MarkAttention	warning
UBL-CR-222	A UBL invoice should not include the AccountingCustomerParty Party PostalAddress MarkCare	warning
UBL-CR-223	A UBL invoice should not include the AccountingCustomerParty Party PostalAddress PlotIdentification	warning
UBL-CR-224	A UBL invoice should not include the AccountingCustomerParty Party PostalAddress CitySubdivisionName	warning
UBL-CR-225	A UBL invoice should not include the AccountingCustomerParty Party PostalAddress CountrySubentityCode	warning
UBL-CR-226	A UBL invoice should not include the AccountingCustomerParty Party PostalAddress Region	warning
UBL-CR-227	A UBL invoice should not include the AccountingCustomerParty Party PostalAddress District	warning
UBL-CR-228	A UBL invoice should not include the AccountingCustomerParty Party PostalAddress TimezoneOffset	warning
UBL-CR-229	A UBL invoice should not include the AccountingCustomerParty Party PostalAddress Country Name	warning
UBL-CR-230	A UBL invoice should not include the AccountingCustomerParty Party PostalAddress LocationCoordinate	warning
UBL-CR-231	A UBL invoice should not include the AccountingCustomerParty Party PhysicalLocation	warning
UBL-CR-232	A UBL invoice should not include the AccountingCustomerParty Party PartyTaxScheme RegistrationName	warning
UBL-CR-233	A UBL invoice should not include the AccountingCustomerParty Party PartyTaxScheme TaxLevelCode	warning
UBL-CR-234	A UBL invoice should not include the AccountingCustomerParty Party PartyTaxScheme ExemptionReasonCode	warning
UBL-CR-235	A UBL invoice should not include the AccountingCustomerParty Party PartyTaxScheme ExemptionReason	warning
UBL-CR-236	A UBL invoice should not include the AccountingCustomerParty Party PartyTaxScheme RegistrationAddress	warning
UBL-CR-237	A UBL invoice should not include the AccountingCustomerParty Party PartyTaxScheme TaxScheme Name	warning
UBL-CR-238	A UBL invoice should not include the AccountingCustomerParty Party PartyTaxScheme TaxScheme TaxTypeCode	warning
UBL-CR-239	A UBL invoice should not include the AccountingCustomerParty Party PartyTaxScheme TaxScheme CurrencyCode	warning
UBL-CR-240	A UBL invoice should not include the AccountingCustomerParty Party PartyTaxScheme TaxScheme JurisdictionRegionAddress	warning
UBL-CR-241	A UBL invoice should not include the AccountingCustomerParty Party PartyLegalEntity RegistrationDate	warning
UBL-CR-242	A UBL invoice should not include the AccountingCustomerParty Party PartyLegalEntity RegistrationExpirationDate	warning
UBL-CR-243	A UBL invoice should not include the AccountingCustomerParty Party PartyLegalEntity CompanyLegalFormCode	warning
UBL-CR-244	A UBL invoice should not include the AccountingCustomerParty Party PartyLegalEntity CompanyLegalForm	warning
UBL-CR-245	A UBL invoice should not include the AccountingCustomerParty Party PartyLegalEntity SoleProprietorshipIndicator	warning
UBL-CR-246	A UBL invoice should not include the AccountingCustomerParty Party PartyLegalEntity CompanyLiquidationStatusCode	warning

ID	Message	Flag
UBL-CR-247	A UBL invoice should not include the AccountingCustomerParty Party PartyLegalEntity CorporationStockAmount	warning
UBL-CR-248	A UBL invoice should not include the AccountingCustomerParty Party PartyLegalEntity FullyPaidSharesIndicator	warning
UBL-CR-249	A UBL invoice should not include the AccountingCustomerParty Party PartyLegalEntity RegistrationAddress	warning
UBL-CR-250	A UBL invoice should not include the AccountingCustomerParty Party PartyLegalEntity CorporateRegistrationScheme	warning
UBL-CR-251	A UBL invoice should not include the AccountingCustomerParty Party PartyLegalEntity HeadOfficeParty	warning
UBL-CR-252	A UBL invoice should not include the AccountingCustomerParty Party PartyLegalEntity ShareholderParty	warning
UBL-CR-253	A UBL invoice should not include the AccountingCustomerParty Party Contact ID	warning
UBL-CR-254	A UBL invoice should not include the AccountingCustomerParty Party Contact Telefax	warning
UBL-CR-255	A UBL invoice should not include the AccountingCustomerParty Party Contact Note	warning
UBL-CR-256	A UBL invoice should not include the AccountingCustomerParty Party Contact OtherCommunication	warning
UBL-CR-257	A UBL invoice should not include the AccountingCustomerParty Party Person	warning
UBL-CR-258	A UBL invoice should not include the AccountingCustomerParty Party AgentParty	warning
UBL-CR-259	A UBL invoice should not include the AccountingCustomerParty Party ServiceProviderParty	warning
UBL-CR-260	A UBL invoice should not include the AccountingCustomerParty Party PowerOfAttorney	warning
UBL-CR-261	A UBL invoice should not include the AccountingCustomerParty Party FinancialAccount	warning
UBL-CR-262	A UBL invoice should not include the AccountingCustomerParty DeliveryContact	warning
UBL-CR-263	A UBL invoice should not include the AccountingCustomerParty AccountingContact	warning
UBL-CR-264	A UBL invoice should not include the AccountingCustomerParty BuyerContact	warning
UBL-CR-265	A UBL invoice should not include the PayeeParty MarkCareIndicator	warning
UBL-CR-266	A UBL invoice should not include the PayeeParty MarkAttentionIndicator	warning
UBL-CR-267	A UBL invoice should not include the PayeeParty WebsiteURI	warning
UBL-CR-268	A UBL invoice should not include the PayeeParty LogoReferenceID	warning
UBL-CR-269	A UBL invoice should not include the PayeeParty EndpointID	warning
UBL-CR-270	A UBL invoice should not include the PayeeParty IndustryClassificationCode	warning
UBL-CR-271	A UBL invoice should not include the PayeeParty Language	warning
UBL-CR-272	A UBL invoice should not include the PayeeParty PostalAddress	warning
UBL-CR-273	A UBL invoice should not include the PayeeParty PhysicalLocation	warning
UBL-CR-274	A UBL invoice should not include the PayeeParty PartyTaxScheme	warning
UBL-CR-275	A UBL invoice should not include the PayeeParty PartyLegalEntity RegistrationName	warning
UBL-CR-276	A UBL invoice should not include the PayeeParty PartyLegalEntity RegistrationDate	warning
UBL-CR-277	A UBL invoice should not include the PayeeParty PartyLegalEntity RegistrationExpirationDate	warning
UBL-CR-278	A UBL invoice should not include the PayeeParty PartyLegalEntity CompanyLegalFormCode	warning
UBL-CR-279	A UBL invoice should not include the PayeeParty PartyLegalEntity CompanyLegalForm	warning

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ID	Message	Flag
UBL-CR-280	A UBL invoice should not include the PayeeParty PartyLegalEntity SoleProprietorshipIndicator	warning
UBL-CR-281	A UBL invoice should not include the PayeeParty PartyLegalEntity CompanyLiquidationStatusCode	warning
UBL-CR-282	A UBL invoice should not include the PayeeParty PartyLegalEntity CorporationStockAmount	warning
UBL-CR-283	A UBL invoice should not include the PayeeParty PartyLegalEntity FullyPaidSharesIndicator	warning
UBL-CR-284	A UBL invoice should not include the PayeeParty PartyLegalEntity RegistrationAddress	warning
UBL-CR-285	A UBL invoice should not include the PayeeParty PartyLegalEntity CorporateRegistrationScheme	warning
UBL-CR-286	A UBL invoice should not include the PayeeParty PartyLegalEntity HeadOfficeParty	warning
UBL-CR-287	A UBL invoice should not include the PayeeParty PartyLegalEntity ShareholderParty	warning
UBL-CR-288	A UBL invoice should not include the PayeeParty Contact	warning
UBL-CR-289	A UBL invoice should not include the PayeeParty Person	warning
UBL-CR-290	A UBL invoice should not include the PayeeParty AgentParty	warning
UBL-CR-291	A UBL invoice should not include the PayeeParty ServiceProviderParty	warning
UBL-CR-292	A UBL invoice should not include the PayeeParty PowerOfAttorney	warning
UBL-CR-293	A UBL invoice should not include the PayeeParty FinancialAccount	warning
UBL-CR-294	A UBL invoice should not include the BuyerCustomerParty	warning
UBL-CR-295	A UBL invoice should not include the SellerSupplierParty	warning
UBL-CR-296	A UBL invoice should not include the TaxRepresentativeParty MarkCareIndicator	warning
UBL-CR-297	A UBL invoice should not include the TaxRepresentativeParty MarkAttentionIndicator	warning
UBL-CR-298	A UBL invoice should not include the TaxRepresentativeParty WebsiteURI	warning
UBL-CR-299	A UBL invoice should not include the TaxRepresentativeParty LogoReferenceID	warning
UBL-CR-300	A UBL invoice should not include the TaxRepresentativeParty EndpointID	warning
UBL-CR-301	A UBL invoice should not include the TaxRepresentativeParty IndustryClassificationCode	warning
UBL-CR-302	A UBL invoice should not include the TaxRepresentativeParty PartyIdentification	warning
UBL-CR-303	A UBL invoice should not include the TaxRepresentativeParty Language	warning
UBL-CR-304	A UBL invoice should not include the TaxRepresentativeParty PostalAddress ID	warning
UBL-CR-305	A UBL invoice should not include the TaxRepresentativeParty PostalAddress AddressTypeCode	warning
UBL-CR-306	A UBL invoice should not include the TaxRepresentativeParty PostalAddress AddressFormatCode	warning
UBL-CR-307	A UBL invoice should not include the TaxRepresentativeParty PostalAddress Postbox	warning
UBL-CR-308	A UBL invoice should not include the TaxRepresentativeParty PostalAddress Floor	warning
UBL-CR-309	A UBL invoice should not include the TaxRepresentativeParty PostalAddress Room	warning
UBL-CR-310	A UBL invoice should not include the TaxRepresentativeParty PostalAddress BlockName	warning
UBL-CR-311	A UBL invoice should not include the TaxRepresentativeParty PostalAddress BuildingName	warning

ID	Message	Flag
UBL-CR-312	A UBL invoice should not include the TaxRepresentativeParty PostalAddress BuildingNumber	warning
UBL-CR-313	A UBL invoice should not include the TaxRepresentativeParty PostalAddress InhouseMail	warning
UBL-CR-314	A UBL invoice should not include the TaxRepresentativeParty PostalAddress Department	warning
UBL-CR-315	A UBL invoice should not include the TaxRepresentativeParty PostalAddress MarkAttention	warning
UBL-CR-316	A UBL invoice should not include the TaxRepresentativeParty PostalAddress MarkCare	warning
UBL-CR-317	A UBL invoice should not include the TaxRepresentativeParty PostalAddress PlotIdentification	warning
UBL-CR-318	A UBL invoice should not include the TaxRepresentativeParty PostalAddress CitySubdivisionName	warning
UBL-CR-319	A UBL invoice should not include the TaxRepresentativeParty PostalAddress CountrySubentityCode	warning
UBL-CR-320	A UBL invoice should not include the TaxRepresentativeParty PostalAddress Region	warning
UBL-CR-321	A UBL invoice should not include the TaxRepresentativeParty PostalAddress District	warning
UBL-CR-322	A UBL invoice should not include the TaxRepresentativeParty PostalAddress TimezoneOffset	warning
UBL-CR-323	A UBL invoice should not include the TaxRepresentativeParty PostalAddress Country Name	warning
UBL-CR-324	A UBL invoice should not include the TaxRepresentativeParty PostalAddress LocationCoordinate	warning
UBL-CR-325	A UBL invoice should not include the TaxRepresentativeParty PhysicalLocation	warning
UBL-CR-326	A UBL invoice should not include the TaxRepresentativeParty PartyTaxScheme RegistrationName	warning
UBL-CR-327	A UBL invoice should not include the TaxRepresentativeParty PartyTaxScheme TaxLevelCode	warning
UBL-CR-328	A UBL invoice should not include the TaxRepresentativeParty PartyTaxScheme ExemptionReasonCode	warning
UBL-CR-329	A UBL invoice should not include the TaxRepresentativeParty PartyTaxScheme ExemptionReason	warning
UBL-CR-330	A UBL invoice should not include the TaxRepresentativeParty PartyTaxScheme RegistrationAddress	warning
UBL-CR-331	A UBL invoice should not include the TaxRepresentativeParty PartyTaxScheme TaxScheme Name	warning
UBL-CR-332	A UBL invoice should not include the TaxRepresentativeParty PartyTaxScheme TaxScheme TaxTypeCode	warning
UBL-CR-333	A UBL invoice should not include the TaxRepresentativeParty PartyTaxScheme TaxScheme CurrencyCode	warning
UBL-CR-334	A UBL invoice should not include the TaxRepresentativeParty PartyTaxScheme TaxScheme JurisdictionRegionAddress	warning
UBL-CR-335	A UBL invoice should not include the TaxRepresentativeParty PartyLegalEntity	warning
UBL-CR-336	A UBL invoice should not include the TaxRepresentativeParty Contact	warning
UBL-CR-337	A UBL invoice should not include the TaxRepresentativeParty Person	warning
UBL-CR-338	A UBL invoice should not include the TaxRepresentativeParty AgentParty	warning
UBL-CR-339	A UBL invoice should not include the TaxRepresentativeParty ServiceProviderParty	warning
UBL-CR-340	A UBL invoice should not include the TaxRepresentativeParty PowerOfAttorney	warning
UBL-CR-341	A UBL invoice should not include the TaxRepresentativeParty FinancialAccount	warning
UBL-CR-342	A UBL invoice should not include the Delivery ID	warning

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ID	Message	Flag
UBL-CR-343	A UBL invoice should not include the Delivery Quantity	warning
UBL-CR-344	A UBL invoice should not include the Delivery MinimumQuantity	warning
UBL-CR-345	A UBL invoice should not include the Delivery MaximumQuantity	warning
UBL-CR-346	A UBL invoice should not include the Delivery ActualDeliveryTime	warning
UBL-CR-347	A UBL invoice should not include the Delivery LatestDeliveryDate	warning
UBL-CR-348	A UBL invoice should not include the Delivery LatestDeliveryTime	warning
UBL-CR-349	A UBL invoice should not include the Delivery ReleaseID	warning
UBL-CR-350	A UBL invoice should not include the Delivery TrackingID	warning
UBL-CR-351	A UBL invoice should not include the Delivery DeliveryLocation Description	warning
UBL-CR-352	A UBL invoice should not include the Delivery DeliveryLocation Conditions	warning
UBL-CR-353	A UBL invoice should not include the Delivery DeliveryLocation CountrySubentity	warning
UBL-CR-354	A UBL invoice should not include the Delivery DeliveryLocation CountrySubentityCode	warning
UBL-CR-355	A UBL invoice should not include the Delivery DeliveryLocation LocationTypeCode	warning
UBL-CR-356	A UBL invoice should not include the Delivery DeliveryLocation InformationURI	warning
UBL-CR-357	A UBL invoice should not include the Delivery DeliveryLocation Name	warning
UBL-CR-358	A UBL invoice should not include the Delivery DeliveryLocation ValidationPeriod	warning
UBL-CR-359	A UBL invoice should not include the Delivery DeliveryLocation Address ID	warning
UBL-CR-360	A UBL invoice should not include the Delivery DeliveryLocation Address AddressTypeCode	warning
UBL-CR-361	A UBL invoice should not include the Delivery DeliveryLocation Address AddressFormatCode	warning
UBL-CR-362	A UBL invoice should not include the Delivery DeliveryLocation Address Postbox	warning
UBL-CR-363	A UBL invoice should not include the Delivery DeliveryLocation Address Floor	warning
UBL-CR-364	A UBL invoice should not include the Delivery DeliveryLocation Address Room	warning
UBL-CR-365	A UBL invoice should not include the Delivery DeliveryLocation Address BlockName	warning
UBL-CR-366	A UBL invoice should not include the Delivery DeliveryLocation Address BuildingName	warning
UBL-CR-367	A UBL invoice should not include the Delivery DeliveryLocation Address BuildingNumber	warning
UBL-CR-368	A UBL invoice should not include the Delivery DeliveryLocation Address InhouseMail	warning
UBL-CR-369	A UBL invoice should not include the Delivery DeliveryLocation Address Department	warning
UBL-CR-370	A UBL invoice should not include the Delivery DeliveryLocation Address MarkAttention	warning
UBL-CR-371	A UBL invoice should not include the Delivery DeliveryLocation Address MarkCare	warning
UBL-CR-372	A UBL invoice should not include the Delivery DeliveryLocation Address PlotIdentification	warning
UBL-CR-373	A UBL invoice should not include the Delivery DeliveryLocation Address CitySubdivisionName	warning
UBL-CR-374	A UBL invoice should not include the Delivery DeliveryLocation Address CountrySubentityCode	warning
UBL-CR-375	A UBL invoice should not include the Delivery DeliveryLocation Address Region	warning
UBL-CR-376	A UBL invoice should not include the Delivery DeliveryLocation Address District	warning

ID	Message	Flag
UBL-CR-377	A UBL invoice should not include the Delivery DeliveryLocation Address TimezoneOffset	warning
UBL-CR-378	A UBL invoice should not include the Delivery DeliveryLocation Address Country Name	warning
UBL-CR-379	A UBL invoice should not include the Delivery DeliveryLocation Address LocationCoordinate	warning
UBL-CR-380	A UBL invoice should not include the Delivery DeliveryLocation SubsidiaryLocation	warning
UBL-CR-381	A UBL invoice should not include the Delivery DeliveryLocation LocationCoordinate	warning
UBL-CR-382	A UBL invoice should not include the Delivery AlternativeDeliveryLocation	warning
UBL-CR-383	A UBL invoice should not include the Delivery RequestedDeliveryPeriod	warning
UBL-CR-384	A UBL invoice should not include the Delivery PromisedDeliveryPeriod	warning
UBL-CR-385	A UBL invoice should not include the Delivery CarrierParty	warning
UBL-CR-386	A UBL invoice should not include the DeliveryParty MarkCareIndicator	warning
UBL-CR-387	A UBL invoice should not include the DeliveryParty MarkAttentionIndicator	warning
UBL-CR-388	A UBL invoice should not include the DeliveryParty WebsiteURI	warning
UBL-CR-389	A UBL invoice should not include the DeliveryParty LogoReferenceID	warning
UBL-CR-390	A UBL invoice should not include the DeliveryParty EndpointID	warning
UBL-CR-391	A UBL invoice should not include the DeliveryParty IndustryClassificationCode	warning
UBL-CR-392	A UBL invoice should not include the DeliveryParty PartyIdentification	warning
UBL-CR-393	A UBL invoice should not include the DeliveryParty Language	warning
UBL-CR-394	A UBL invoice should not include the DeliveryParty PostalAddress	warning
UBL-CR-395	A UBL invoice should not include the DeliveryParty PhysicalLocation	warning
UBL-CR-396	A UBL invoice should not include the DeliveryParty PartyTaxScheme	warning
UBL-CR-397	A UBL invoice should not include the DeliveryParty PartyLegalEntity	warning
UBL-CR-398	A UBL invoice should not include the DeliveryParty Contact	warning
UBL-CR-399	A UBL invoice should not include the DeliveryParty Person	warning
UBL-CR-400	A UBL invoice should not include the DeliveryParty AgentParty	warning
UBL-CR-401	A UBL invoice should not include the DeliveryParty ServiceProviderParty	warning
UBL-CR-402	A UBL invoice should not include the DeliveryParty PowerOfAttorney	warning
UBL-CR-403	A UBL invoice should not include the DeliveryParty FinancialAccount	warning
UBL-CR-404	A UBL invoice should not include the Delivery NotifyParty	warning
UBL-CR-405	A UBL invoice should not include the Delivery Despatch	warning
UBL-CR-406	A UBL invoice should not include the Delivery DeliveryTerms	warning
UBL-CR-407	A UBL invoice should not include the Delivery MinimumDeliveryUnit	warning
UBL-CR-408	A UBL invoice should not include the Delivery MaximumDeliveryUnit	warning
UBL-CR-409	A UBL invoice should not include the Delivery Shipment	warning
UBL-CR-410	A UBL invoice should not include the DeliveryTerms	warning
UBL-CR-411	A UBL invoice should not include the PaymentMeans ID	warning
UBL-CR-412	A UBL invoice should not include the PaymentMeans PaymentDueDate	warning
UBL-CR-413	A UBL invoice should not include the PaymentMeans PaymentChannelCode	warning
UBL-CR-414	A UBL invoice should not include the PaymentMeans InstructionID	warning
UBL-CR-415	A UBL invoice should not include the PaymentMeans CardAccount CardTypeCode	warning
UBL-CR-416	A UBL invoice should not include the PaymentMeans CardAccount ValidityStartDate	warning
UBL-CR-417	A UBL invoice should not include the PaymentMeans CardAccount ExpiryDate	warning

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ID	Message	Flag
UBL-CR-418	A UBL invoice should not include the PaymentMeans CardAccount IssuerID	warning
UBL-CR-419	A UBL invoice should not include the PaymentMeans CardAccount IssuerNumberID	warning
UBL-CR-420	A UBL invoice should not include the PaymentMeans CardAccount CV2ID	warning
UBL-CR-421	A UBL invoice should not include the PaymentMeans CardAccount CardChipCode	warning
UBL-CR-422	A UBL invoice should not include the PaymentMeans CardAccount ChipApplicationID	warning
UBL-CR-424	A UBL invoice should not include the PaymentMeans PayeeFinancialAccount AliasName	warning
UBL-CR-425	A UBL invoice should not include the PaymentMeans PayeeFinancialAccount AccountTypeCode	warning
UBL-CR-426	A UBL invoice should not include the PaymentMeans PayeeFinancialAccount AccountFormatCode	warning
UBL-CR-427	A UBL invoice should not include the PaymentMeans PayeeFinancialAccount CurrencyCode	warning
UBL-CR-428	A UBL invoice should not include the PaymentMeans PayeeFinancialAccount PaymentNote	warning
UBL-CR-429	A UBL invoice should not include the PaymentMeans PayeeFinancialAccount FinancialInstitutionBranch Name	warning
UBL-CR-430	A UBL invoice should not include the PaymentMeans PayeeFinancialAccount FinancialInstitutionBranch FinancialInstitution Name	warning
UBL-CR-431	A UBL invoice should not include the PaymentMeans PayeeFinancialAccount FinancialInstitutionBranch FinancialInstitution Address	warning
UBL-CR-432	A UBL invoice should not include the PaymentMeans PayeeFinancialAccount FinancialInstitutionBranch Address	warning
UBL-CR-433	A UBL invoice should not include the PaymentMeans PayeeFinancialAccount Country	warning
UBL-CR-434	A UBL invoice should not include the PaymentMeans CreditAccount	warning
UBL-CR-435	A UBL invoice should not include the PaymentMeans PaymentMandate MandateTypeCode	warning
UBL-CR-436	A UBL invoice should not include the PaymentMeans PaymentMandate MaximumPaymentInstructionsNumeric	warning
UBL-CR-437	A UBL invoice should not include the PaymentMeans PaymentMandate MaximumPaidAmount	warning
UBL-CR-438	A UBL invoice should not include the PaymentMeans PaymentMandate SignatureID	warning
UBL-CR-439	A UBL invoice should not include the PaymentMeans PaymentMandate PayerParty	warning
UBL-CR-440	A UBL invoice should not include the PaymentMeans PaymentMandate PayerFinancialAccount Name	warning
UBL-CR-441	A UBL invoice should not include the PaymentMeans PaymentMandate PayerFinancialAccount AliasName	warning
UBL-CR-442	A UBL invoice should not include the PaymentMeans PaymentMandate PayerFinancialAccount AccountTypeCode	warning
UBL-CR-443	A UBL invoice should not include the PaymentMeans PaymentMandate PayerFinancialAccount AccountFormatCode	warning
UBL-CR-444	A UBL invoice should not include the PaymentMeans PaymentMandate PayerFinancialAccount CurrencyCode	warning
UBL-CR-445	A UBL invoice should not include the PaymentMeans PaymentMandate PayerFinancialAccount PaymentNote	warning
UBL-CR-446	A UBL invoice should not include the PaymentMeans PaymentMandate PayerFinancialAccount FinancialInstitutionBranch	warning
UBL-CR-447	A UBL invoice should not include the PaymentMeans PaymentMandate PayerFinancialAccount Country	warning

ID	Message	Flag
UBL-CR-448	A UBL invoice should not include the PaymentMeans PaymentMandate ValidityPeriod	warning
UBL-CR-449	A UBL invoice should not include the PaymentMeans PaymentMandate PaymentReversalPeriod	warning
UBL-CR-450	A UBL invoice should not include the PaymentMeans PaymentMandate Clause	warning
UBL-CR-451	A UBL invoice should not include the PaymentMeans TradeFinancing	warning
UBL-CR-452	A UBL invoice should not include the PaymentTerms ID	warning
UBL-CR-453	A UBL invoice should not include the PaymentTerms PaymentMeansID	warning
UBL-CR-454	A UBL invoice should not include the PaymentTerms PrepaidPaymentReferenceID	warning
UBL-CR-455	A UBL invoice should not include the PaymentTerms ReferenceEventCode	warning
UBL-CR-456	A UBL invoice should not include the PaymentTerms SettlementDiscountPercent	warning
UBL-CR-457	A UBL invoice should not include the PaymentTerms PenaltySurchargePercent	warning
UBL-CR-458	A UBL invoice should not include the PaymentTerms PaymentPercent	warning
UBL-CR-459	A UBL invoice should not include the PaymentTerms Amount	warning
UBL-CR-460	A UBL invoice should not include the PaymentTerms SettlementDiscountAmount	warning
UBL-CR-461	A UBL invoice should not include the PaymentTerms PenaltyAmount	warning
UBL-CR-462	A UBL invoice should not include the PaymentTerms PaymentTermsDetailsURI	warning
UBL-CR-463	A UBL invoice should not include the PaymentTerms PaymentDueDate	warning
UBL-CR-464	A UBL invoice should not include the PaymentTerms InstallmentDueDate	warning
UBL-CR-465	A UBL invoice should not include the PaymentTerms InvoicingPartyReference	warning
UBL-CR-466	A UBL invoice should not include the PaymentTerms SettlementPeriod	warning
UBL-CR-467	A UBL invoice should not include the PaymentTerms PenaltyPeriod	warning
UBL-CR-468	A UBL invoice should not include the PaymentTerms ExchangeRate	warning
UBL-CR-469	A UBL invoice should not include the PaymentTerms ValidityPeriod	warning
UBL-CR-470	A UBL invoice should not include the PrepaidPayment	warning
UBL-CR-471	A UBL invoice should not include the AllowanceCharge ID	warning
UBL-CR-472	A UBL invoice should not include the AllowanceCharge PrepaidIndicator	warning
UBL-CR-473	A UBL invoice should not include the AllowanceCharge SequenceNumeric	warning
UBL-CR-474	A UBL invoice should not include the AllowanceCharge AccountingCostCode	warning
UBL-CR-475	A UBL invoice should not include the AllowanceCharge AccountingCost	warning
UBL-CR-476	A UBL invoice should not include the AllowanceCharge PerUnitAmount	warning
UBL-CR-477	A UBL invoice should not include the AllowanceCharge TaxCategory Name	warning
UBL-CR-478	A UBL invoice should not include the AllowanceCharge TaxCategory BaseUnitMeasure	warning
UBL-CR-479	A UBL invoice should not include the AllowanceCharge TaxCategory PerUnitAmount	warning
UBL-CR-480	A UBL invoice should not include the AllowanceCharge TaxCategory TaxExemptionReasonCode	warning
UBL-CR-481	A UBL invoice should not include the AllowanceCharge TaxCategory TaxExemptionReason	warning
UBL-CR-482	A UBL invoice should not include the AllowanceCharge TaxCategory TierRange	warning
UBL-CR-483	A UBL invoice should not include the AllowanceCharge TaxCategory TierRatePercent	warning
UBL-CR-484	A UBL invoice should not include the AllowanceCharge TaxCategory TaxScheme Name	warning
UBL-CR-485	A UBL invoice should not include the AllowanceCharge TaxCategory TaxScheme TaxTypeCode	warning

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ID	Message	Flag
UBL-CR-486	A UBL invoice should not include the AllowanceCharge TaxCategory TaxScheme CurrencyCode	warning
UBL-CR-487	A UBL invoice should not include the AllowanceCharge TaxCategory TaxScheme JurisdiccioneRegionAddress	warning
UBL-CR-488	A UBL invoice should not include the AllowanceCharge TaxTotal	warning
UBL-CR-489	A UBL invoice should not include the AllowanceCharge PaymentMeans	warning
UBL-CR-490	A UBL invoice should not include the TaxExchangeRate	warning
UBL-CR-491	A UBL invoice should not include the PricingExchangeRate	warning
UBL-CR-492	A UBL invoice should not include the PaymentExchangeRate	warning
UBL-CR-493	A UBL invoice should not include the PaymentAlternativeExchangeRate	warning
UBL-CR-494	A UBL invoice should not include the TaxTotal RoundingAmount	warning
UBL-CR-495	A UBL invoice should not include the TaxTotal TaxEvidenceIndicator	warning
UBL-CR-496	A UBL invoice should not include the TaxTotal TaxIncludedIndicator	warning
UBL-CR-497	A UBL invoice should not include the TaxTotal TaxSubtotal CalculationSequenceNumeric	warning
UBL-CR-498	A UBL invoice should not include the TaxTotal TaxSubtotal TransactionCurrencyTaxAmount	warning
UBL-CR-499	A UBL invoice should not include the TaxTotal TaxSubtotal Percent	warning
UBL-CR-500	A UBL invoice should not include the TaxTotal TaxSubtotal BaseUnitMeasure	warning
UBL-CR-501	A UBL invoice should not include the TaxTotal TaxSubtotal PerUnitAmount	warning
UBL-CR-502	A UBL invoice should not include the TaxTotal TaxSubtotal TierRange	warning
UBL-CR-503	A UBL invoice should not include the TaxTotal TaxSubtotal TierRatePercent	warning
UBL-CR-504	A UBL invoice should not include the TaxTotal TaxSubtotal TaxCategory Name	warning
UBL-CR-505	A UBL invoice should not include the TaxTotal TaxSubtotal TaxCategory BaseUnitMeasure	warning
UBL-CR-506	A UBL invoice should not include the TaxTotal TaxSubtotal TaxCategory PerUnitAmount	warning
UBL-CR-507	A UBL invoice should not include the TaxTotal TaxSubtotal TaxCategory TierRange	warning
UBL-CR-508	A UBL invoice should not include the TaxTotal TaxSubtotal TaxCategory TierRatePercent	warning
UBL-CR-509	A UBL invoice should not include the TaxTotal TaxSubtotal TaxCategory TaxScheme Name	warning
UBL-CR-510	A UBL invoice should not include the TaxTotal TaxSubtotal TaxCategory TaxScheme TaxTypeCode	warning
UBL-CR-511	A UBL invoice should not include the TaxTotal TaxSubtotal TaxCategory TaxScheme CurrencyCode	warning
UBL-CR-512	A UBL invoice should not include the TaxTotal TaxSubtotal TaxCategory TaxScheme JurisdiccioneRegionAddress	warning
UBL-CR-513	A UBL invoice should not include the WithholdingTaxTotal	warning
UBL-CR-514	A UBL invoice should not include the LegalMonetaryTotal PayableAlternativeAmount	warning
UBL-CR-515	A UBL invoice should not include the InvoiceLine UUID	warning
UBL-CR-516	A UBL invoice should not include the InvoiceLine TaxPointDate	warning
UBL-CR-517	A UBL invoice should not include the InvoiceLine AccountingCostCode	warning
UBL-CR-518	A UBL invoice should not include the InvoiceLine PaymentPurposeCode	warning
UBL-CR-519	A UBL invoice should not include the InvoiceLine FreeOfChargeIndicator	warning
UBL-CR-520	A UBL invoice should not include the InvoiceLine InvoicePeriod StartTime	warning
UBL-CR-521	A UBL invoice should not include the InvoiceLine InvoicePeriod EndTime	warning

ID	Message	Flag
UBL-CR-522	A UBL invoice should not include the InvoiceLine InvoicePeriod DurationMeasure	warning
UBL-CR-523	A UBL invoice should not include the InvoiceLine InvoicePeriod DescriptionCode	warning
UBL-CR-524	A UBL invoice should not include the InvoiceLine InvoicePeriod Description	warning
UBL-CR-525	A UBL invoice should not include the InvoiceLine OrderLineReference SalesOrderLineID	warning
UBL-CR-526	A UBL invoice should not include the InvoiceLine OrderLineReference UUID	warning
UBL-CR-527	A UBL invoice should not include the InvoiceLine OrderLineReference LineStatusCode	warning
UBL-CR-528	A UBL invoice should not include the InvoiceLine OrderLineReference OrderReference	warning
UBL-CR-529	A UBL invoice should not include the InvoiceLine DespatchLineReference	warning
UBL-CR-530	A UBL invoice should not include the InvoiceLine ReceiptLineReference	warning
UBL-CR-531	A UBL invoice should not include the InvoiceLine BillingReference	warning
UBL-CR-532	A UBL invoice should not include the InvoiceLine DocumentReference CopyIndicator	warning
UBL-CR-533	A UBL invoice should not include the InvoiceLine DocumentReference UUID	warning
UBL-CR-534	A UBL invoice should not include the InvoiceLine DocumentReference IssueDate	warning
UBL-CR-535	A UBL invoice should not include the InvoiceLine DocumentReference IssueTime	warning
UBL-CR-537	A UBL invoice should not include the InvoiceLine DocumentReference DocumentType	warning
UBL-CR-538	A UBL invoice should not include the InvoiceLine DocumentReference Xpath	warning
UBL-CR-539	A UBL invoice should not include the InvoiceLine DocumentReference LanguageID	warning
UBL-CR-540	A UBL invoice should not include the InvoiceLine DocumentReference LocaleCode	warning
UBL-CR-541	A UBL invoice should not include the InvoiceLine DocumentReference VersionID	warning
UBL-CR-542	A UBL invoice should not include the InvoiceLine DocumentReference DocumentStatusCode	warning
UBL-CR-543	A UBL invoice should not include the InvoiceLine DocumentReference DocumentDescription	warning
UBL-CR-544	A UBL invoice should not include the InvoiceLine DocumentReference Attachment	warning
UBL-CR-545	A UBL invoice should not include the InvoiceLine DocumentReference ValidityPeriod	warning
UBL-CR-546	A UBL invoice should not include the InvoiceLine DocumentReference IssuerParty	warning
UBL-CR-547	A UBL invoice should not include the InvoiceLine DocumentReference ResultOfVerification	warning
UBL-CR-548	A UBL invoice should not include the InvoiceLine PricingReference	warning
UBL-CR-549	A UBL invoice should not include the InvoiceLine OriginatorParty	warning
UBL-CR-550	A UBL invoice should not include the InvoiceLine Delivery	warning
UBL-CR-551	A UBL invoice should not include the InvoiceLine PaymentTerms	warning
UBL-CR-552	A UBL invoice should not include the InvoiceLine AllowanceCharge ID	warning
UBL-CR-553	A UBL invoice should not include the InvoiceLine AllowanceCharge PrepaidIndicator	warning
UBL-CR-554	A UBL invoice should not include the InvoiceLine AllowanceCharge SequenceNumeric	warning
UBL-CR-555	A UBL invoice should not include the InvoiceLine AllowanceCharge AccountingCostCode	warning

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ID	Message	Flag
UBL-CR-556	A UBL invoice should not include the InvoiceLine AllowanceCharge AccountingCost	warning
UBL-CR-557	A UBL invoice should not include the InvoiceLine AllowanceCharge PerUnitAmount	warning
UBL-CR-558	A UBL invoice should not include the InvoiceLine AllowanceCharge TaxCategory	warning
UBL-CR-559	A UBL invoice should not include the InvoiceLine AllowanceCharge TaxTotal	warning
UBL-CR-560	A UBL invoice should not include the InvoiceLine AllowanceCharge PaymentMeans	warning
UBL-CR-561	A UBL invoice should not include the InvoiceLine TaxTotal	warning
UBL-CR-562	A UBL invoice should not include the InvoiceLine WithholdingTaxTotal	warning
UBL-CR-563	A UBL invoice should not include the InvoiceLine Item PackQuantity	warning
UBL-CR-564	A UBL invoice should not include the InvoiceLine Item PackSizeNumeric	warning
UBL-CR-565	A UBL invoice should not include the InvoiceLine Item CatalogueIndicator	warning
UBL-CR-566	A UBL invoice should not include the InvoiceLine Item HazardousRiskIndicator	warning
UBL-CR-567	A UBL invoice should not include the InvoiceLine Item AdditionalInformation	warning
UBL-CR-568	A UBL invoice should not include the InvoiceLine Item Keyword	warning
UBL-CR-569	A UBL invoice should not include the InvoiceLine Item BrandName	warning
UBL-CR-570	A UBL invoice should not include the InvoiceLine Item ModelName	warning
UBL-CR-571	A UBL invoice should not include the InvoiceLine Item BuyersItemIdentification ExtendedID	warning
UBL-CR-572	A UBL invoice should not include the InvoiceLine Item BuyersItemIdentification BareCodeSymbologyID	warning
UBL-CR-573	A UBL invoice should not include the InvoiceLine Item BuyersItemIdentification PhysicalAttribute	warning
UBL-CR-574	A UBL invoice should not include the InvoiceLine Item BuyersItemIdentification MeasurementDimension	warning
UBL-CR-575	A UBL invoice should not include the InvoiceLine Item BuyersItemIdentification IssuerParty	warning
UBL-CR-576	A UBL invoice should not include the InvoiceLine Item SellersItemIdentification ExtendedID	warning
UBL-CR-577	A UBL invoice should not include the InvoiceLine Item SellersItemIdentification BareCodeSymbologyID	warning
UBL-CR-578	A UBL invoice should not include the InvoiceLine Item SellersItemIdentification PhysicalAttribute	warning
UBL-CR-579	A UBL invoice should not include the InvoiceLine Item SellersItemIdentification MeasurementDimension	warning
UBL-CR-580	A UBL invoice should not include the InvoiceLine Item SellersItemIdentification IssuerParty	warning
UBL-CR-581	A UBL invoice should not include the InvoiceLine Item ManufacturersItemIdentification	warning
UBL-CR-582	A UBL invoice should not include the InvoiceLine Item StandardItemIdentification ExtendedID	warning
UBL-CR-583	A UBL invoice should not include the InvoiceLine Item StandardItemIdentification BareCodeSymbologyID	warning
UBL-CR-584	A UBL invoice should not include the InvoiceLine Item StandardItemIdentification PhysicalAttribute	warning
UBL-CR-585	A UBL invoice should not include the InvoiceLine Item StandardItemIdentification MeasurementDimension	warning
UBL-CR-586	A UBL invoice should not include the InvoiceLine Item StandardItemIdentification IssuerParty	warning
UBL-CR-587	A UBL invoice should not include the InvoiceLine Item CatalogueItemIdentification	warning

ID	Message	Flag
UBL-CR-588	A UBL invoice should not include the InvoiceLine Item AdditionalItemIdentification	warning
UBL-CR-589	A UBL invoice should not include the InvoiceLine Item CatalogueDocumentReference	warning
UBL-CR-590	A UBL invoice should not include the InvoiceLine Item ItemSpecificationDocumentReference	warning
UBL-CR-591	A UBL invoice should not include the InvoiceLine Item OriginCountry Name	warning
UBL-CR-592	A UBL invoice should not include the InvoiceLine Item CommodityClassification NatureCode	warning
UBL-CR-593	A UBL invoice should not include the InvoiceLine Item CommodityClassification CargoTypeCode	warning
UBL-CR-594	A UBL invoice should not include the InvoiceLine Item CommodityClassification CommodityCode	warning
UBL-CR-595	A UBL invoice should not include the InvoiceLine Item TransactionConditions	warning
UBL-CR-596	A UBL invoice should not include the InvoiceLine Item HazardousItem	warning
UBL-CR-597	A UBL invoice should not include the InvoiceLine Item ClassifiedTaxCategory Name	warning
UBL-CR-598	A UBL invoice should not include the InvoiceLine Item ClassifiedTaxCategory BaseUnitMeasure	warning
UBL-CR-599	A UBL invoice should not include the InvoiceLine Item ClassifiedTaxCategory PerUnitAmount	warning
UBL-CR-600	A UBL invoice should not include the InvoiceLine Item ClassifiedTaxCategory TaxExemptionReasonCode	warning
UBL-CR-601	A UBL invoice should not include the InvoiceLine Item ClassifiedTaxCategory TaxExemptionReason	warning
UBL-CR-602	A UBL invoice should not include the InvoiceLine Item ClassifiedTaxCategory TierRange	warning
UBL-CR-603	A UBL invoice should not include the InvoiceLine Item ClassifiedTaxCategory TierRatePercent	warning
UBL-CR-604	A UBL invoice should not include the InvoiceLine Item ClassifiedTaxCategory TaxScheme Name	warning
UBL-CR-605	A UBL invoice should not include the InvoiceLine Item ClassifiedTaxCategory TaxScheme TaxTypeCode	warning
UBL-CR-606	A UBL invoice should not include the InvoiceLine Item ClassifiedTaxCategory TaxScheme CurrencyCode	warning
UBL-CR-607	A UBL invoice should not include the InvoiceLine Item ClassifiedTaxCategory TaxScheme JurisdictionRegionAddress	warning
UBL-CR-608	A UBL invoice should not include the InvoiceLine Item AdditionalItemProperty ID	warning
UBL-CR-609	A UBL invoice should not include the InvoiceLine Item AdditionalItemProperty NameCode	warning
UBL-CR-610	A UBL invoice should not include the InvoiceLine Item AdditionalItemProperty TestMethod	warning
UBL-CR-611	A UBL invoice should not include the InvoiceLine Item AdditionalItemProperty ValueQuantity	warning
UBL-CR-612	A UBL invoice should not include the InvoiceLine Item AdditionalItemProperty ValueQualifier	warning
UBL-CR-613	A UBL invoice should not include the InvoiceLine Item AdditionalItemProperty ImportanceCode	warning
UBL-CR-614	A UBL invoice should not include the InvoiceLine Item AdditionalItemProperty ListValue	warning
UBL-CR-615	A UBL invoice should not include the InvoiceLine Item AdditionalItemProperty UsabilityPeriod	warning
UBL-CR-616	A UBL invoice should not include the InvoiceLine Item AdditionalItemProperty ItemPropertyGroup	warning

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ID	Message	Flag
UBL-CR-617	A UBL invoice should not include the InvoiceLine Item AdditionalItemProperty RangeDimension	warning
UBL-CR-618	A UBL invoice should not include the InvoiceLine Item AdditionalItemProperty ItemPropertyRange	warning
UBL-CR-619	A UBL invoice should not include the InvoiceLine Item ManufacturerParty	warning
UBL-CR-620	A UBL invoice should not include the InvoiceLine Item InformationContentProviderParty	warning
UBL-CR-621	A UBL invoice should not include the InvoiceLine Item OriginAddress	warning
UBL-CR-622	A UBL invoice should not include the InvoiceLine Item ItemInstance	warning
UBL-CR-623	A UBL invoice should not include the InvoiceLine Item Certificate	warning
UBL-CR-624	A UBL invoice should not include the InvoiceLine Item Dimension	warning
UBL-CR-625	A UBL invoice should not include the InvoiceLine Item Price PriceChangeReason	warning
UBL-CR-626	A UBL invoice should not include the InvoiceLine Item Price PriceTypeCode	warning
UBL-CR-627	A UBL invoice should not include the InvoiceLine Item Price PriceType	warning
UBL-CR-628	A UBL invoice should not include the InvoiceLine Item Price OrderableUnitFactorRate	warning
UBL-CR-629	A UBL invoice should not include the InvoiceLine Item Price ValidityPeriod	warning
UBL-CR-630	A UBL invoice should not include the InvoiceLine Item Price PriceList	warning
UBL-CR-631	A UBL invoice should not include the InvoiceLine Item Price OrderableUnitFactorRate	warning
UBL-CR-632	A UBL invoice should not include the InvoiceLine Item Price AllowanceCharge ID	warning
UBL-CR-633	A UBL invoice should not include the InvoiceLine Item Price AllowanceCharge AllowanceChargeReasonCode	warning
UBL-CR-634	A UBL invoice should not include the InvoiceLine Item Price AllowanceCharge AllowanceChargeReason	warning
UBL-CR-635	A UBL invoice should not include the InvoiceLine Item Price AllowanceCharge MultiplierFactorNumeric	warning
UBL-CR-636	A UBL invoice should not include the InvoiceLine Item Price AllowanceCharge PrepaidIndicator	warning
UBL-CR-637	A UBL invoice should not include the InvoiceLine Item Price AllowanceCharge SequenceNumeric	warning
UBL-CR-638	A UBL invoice should not include the InvoiceLine Item Price AllowanceCharge AccountingCostCode	warning
UBL-CR-639	A UBL invoice should not include the InvoiceLine Item Price AllowanceCharge AccountingCost	warning
UBL-CR-640	A UBL invoice should not include the InvoiceLine Item Price AllowanceCharge PerUnitAmount	warning
UBL-CR-641	A UBL invoice should not include the InvoiceLine Item Price AllowanceCharge TaxCategory	warning
UBL-CR-642	A UBL invoice should not include the InvoiceLine Item Price AllowanceCharge TaxTotal	warning
UBL-CR-643	A UBL invoice should not include the InvoiceLine Item Price AllowanceCharge PaymentMeans	warning
UBL-CR-644	A UBL invoice should not include the InvoiceLine Item Price PricingExchangeRate	warning
UBL-CR-645	A UBL invoice should not include the InvoiceLine DeliveryTerms	warning
UBL-CR-646	A UBL invoice should not include the InvoiceLine SubInvoiceLine	warning
UBL-CR-647	A UBL invoice should not include the InvoiceLine ItemPriceExtension	warning
UBL-CR-648	A UBL invoice should not include the CustomizationID scheme identifier	warning
UBL-CR-649	A UBL invoice should not include the ProfileID scheme identifier	warning

ID	Message	Flag
UBL-CR-650	A UBL invoice shall not include the Invoice ID scheme identifier	warning
UBL-CR-651	A UBL invoice should not include the SalesOrderID scheme identifier	warning
UBL-CR-652	A UBL invoice should not include the PartyTaxScheme CompanyID scheme identifier	warning
UBL-CR-653	A UBL invoice should not include the PaymentID scheme identifier	warning
UBL-CR-654	A UBL invoice should not include the PayeeFinancialAccount scheme identifier	warning
UBL-CR-655	A UBL invoice shall not include the FinancialInstitutionBranch ID scheme identifier	warning
UBL-CR-656	A UBL invoice should not include the InvoiceTypeCode listID	warning
UBL-CR-657	A UBL invoice should not include the DocumentCurrencyCode listID	warning
UBL-CR-658	A UBL invoice should not include the TaxCurrencyCode listID	warning
UBL-CR-659	A UBL invoice shall not include the AdditionalDocumentReference DocumentTypeCode listID	warning
UBL-CR-660	A UBL invoice should not include the Country Identification code listID	warning
UBL-CR-661	A UBL invoice should not include the PaymentMeansCode listID	warning
UBL-CR-662	A UBL invoice should not include the AllowanceChargeReasonCode listID	warning
UBL-CR-663	A UBL invoice should not include the unitCodeListID	warning
UBL-CR-664	A UBL invoice should not include the FinancialInstitutionBranch FinancialInstitution	warning
UBL-CR-665	A UBL invoice should not include the AdditionalDocumentReference ID schemeID unless the ID equals '130'	warning
UBL-CR-667	A UBL invoice should not include a Buyer Item Identification schemeID	warning
UBL-CR-668	A UBL invoice should not include a Sellers Item Identification schemeID	warning
UBL-CR-669	A UBL invoice should not include a Price Allowance Reason Code	warning
UBL-CR-670	A UBL invoice should not include a Price Allowance Reason	warning
UBL-CR-671	A UBL invoice should not include a Price Allowance Multiplier Factor	warning
UBL-CR-672	A UBL credit note should not include the CreditNoteTypeCode listID	warning
UBL-CR-674	A UBL invoice should not include the PrimaryAccountNumber schemeID	warning
UBL-CR-675	A UBL invoice should not include the NetworkID schemeID	warning
UBL-CR-676	A UBL invoice should not include the PaymentMandate/ID schemeID	warning
UBL-CR-677	A UBL invoice should not include the PayerFinancialAccount/ID schemeID	warning
UBL-CR-678	A UBL invoice should not include the TaxCategory/ID schemeID	warning
UBL-CR-679	A UBL invoice should not include the ClassifiedTaxCategory/ID schemeID	warning
UBL-CR-680	A UBL invoice should not include the PaymentMeans/PayerFinancialAccount	warning
UBL-DT-08	Scheme name attribute should not be present	warning
UBL-DT-09	Scheme agency name attribute should not be present	warning
UBL-DT-10	Scheme data uri attribute should not be present	warning
UBL-DT-11	Scheme uri attribute should not be present	warning
UBL-DT-12	Format attribute should not be present	warning
UBL-DT-13	Unit code list identifier attribute should not be present	warning
UBL-DT-14	Unit code list agency identifier attribute should not be present	warning
UBL-DT-15	Unit code list agency name attribute should not be present	warning
UBL-DT-16	List agency name attribute should not be present	warning
UBL-DT-17	List name attribute should not be present	warning
UBL-DT-18	Name attribute should not be present	warning
UBL-DT-19	Language identifier attribute should not be present	warning
UBL-DT-20	List uri attribute should not be present	warning

ID	Message	Flag
UBL-DT-21	List scheme uri attribute should not be present	warning
UBL-DT-22	Language local identifier attribute should not be present	warning
UBL-DT-23	Uri attribute should not be present	warning
UBL-DT-24	Currency code list version id should not be present	warning
UBL-DT-25	CharacterSetCode attribute should not be present	warning
UBL-DT-26	EncodingCode attribute should not be present	warning
UBL-DT-27	Scheme Agency ID attribute should not be present	warning
UBL-DT-28	List Agency ID attribute should not be present	warning

7.2 Model rule for PINT

[EIPA]

Some element requires cardinality alignment based on the value defined in **6.1.2**. PINT rule specified in エラー! 参照元が見つかりません。 requires rules defined with Schematron.

Nobu: Peppol BIS Billing 3.0 defines Schematron Model rules, but Japanese Peppol BIS Documentation has not Model rules. I think we need to define these rules at least for shared elements.

8 Code list and identifier

[SOURCE: PINT DRAFT 0.08]

8.1 Overview

The following chapters give an overview of the restricted set of codes that is used in this PEPPOL BIS. For most codes, the restriction is only to add a dated reference of the code list, but for the Invoice Type Code a subset of valid values has been established.

The list of values that are allowed for each code list at each time shall be as published or referenced on the peppol.eu (or peppol.org) website.

Aligned code list is code list that can be restricted in domain specific implementation of the PINT.

8.2 Shared code list

Shared code list must be used in the same way by all compliant specifications of the international invoicing model and cannot be restricted. Addition or modification to the code shall be by amending the code lists through their managing authorities.

8.2.1 Document type

The following sub-chapters give an overview of the restricted set of invoice type codes (BT-3) that is used in this PEPPOL BIS Billing.

Table 23 and **Table 24** indicates the name and description of each code, as well as a column "Synonym with" to indicate how this invoice type can be processed if the recipient does not have a separate process/work flow for this code, and as you will see, all invoice types valid in this profile can be processed as a commercial invoice (380) and all credit note types as Commercial credit note (381). Some recipients might have separate processes or work flows for some of these types, and can then use these processes.

The table also gives information on what message type is to be used in the UBL syntax for the different codes.

UNTDID 1001 — Document type.

Document location cbc:InvoiceTypeCode

Source code list Subset of UN/CEFACT code list 1001, D.16B

Codes for invoices.

- 380 Commercial invoices.

The following invoice related document type codes may also be used in an invoice but shall be processed as code 380 unless otherwise agreed between the trading partners.

Table 23 — Invoice related document type codes

Code	Name	Description	Synonym with	UBL message type
380	Commercial invoice	Document/message claiming payment for goods or services supplied under conditions agreed between seller and buyer.		Invoice
393	Factored invoice	Invoice assigned to a third party for collection.	380	Invoice

Code	Name	Description	Synonym with	UBL message type
82	Metered services invoice	Document/message claiming payment for the supply of metered services (e.g., gas, electricity, etc.) supplied to a fixed meter whose consumption is measured over a period of time.	380	Invoice
80	Delivery Note related to goods or services	Debit information related to a transaction for goods or services to the relevant party.	380	Invoice
84	Delivery Note related to financial adjustments	Document/message for providing debit information related to financial adjustments to the relevant party.	380	Invoice
395	Consignment invoice	Commercial invoice that covers a transaction other than one involving a sale.	380	Invoice
575	Insurer's invoice	Document/message issued by an insurer specifying the cost of an insurance which has been effected and claiming payment therefore	380	Invoice
623	Forwarder's invoice	Invoice issued by a freight forwarder specifying services rendered and costs incurred and claiming payment therefore.	380	Invoice
780	Freight invoice	Document/message issued by a transport operation specifying freight costs and charges incurred for a transport operation and stating conditions of payment.	380	Invoice
383	Debit Note	Document/message for providing debit information to the relevant party.	380	Invoice
386	Prepayment invoice	An invoice to pay amounts for goods and services in advance; these amounts will be subtracted from the final invoice.	380	Invoice

Document location cbc:CreditNoteTypeCode

Source code list Subset of UN/CEFACT code list 1001, D.16B

Specific code lists for the credit note

- 381 Commercial credit notes.

The following credit note related document type codes may also be used in an invoice but shall be processed as code 381 unless otherwise agreed between the trading partners.

Table 24 — Credit note related document type codes

Code	Name	Description	Synonym with	UBL message type
381	Credit note	Document/message for providing credit information to the relevant party.		CreditNote
396	Factored credit note	Credit note related to assigned invoice(s).	381	CreditNote
81	Credit note related to goods or services	Document message used to provide credit information related to a transaction for goods or services to the relevant party.	381	CreditNote

Code	Name	Description	Synonym with	UBL message type
83	Credit note related to financial adjustments	Document message for providing credit information related to financial adjustments to the relevant party, e.g., bonuses.	381	CreditNote
532	Forwarder's credit note	Document/message for providing credit information to the relevant party.	381	CreditNote

8.2.2 Country code

All country codes in an invoice or credit note shall be the alpha-2 code from ISO 3166-1

Document location cac:Country/cbc:IdentificationCode

 cac:OriginCountry/cbc:IdentificationCode

Source code list ISO 3166-1

8.2.3 Currency code

All currencies in an invoice or credit note shall be the alphabetic code from ISO 4217:2015

Document location cbc:*/@currencyID

Source code list ISO 4217:2015

8.2.4 Unit of measure

Valid unit codes shall be from UN/ECE Recommendation 20, Revision 11 (2015). Unless codes for unit of measure are not in common daily use, implementers should as necessarily provide a function for clarification of codes when invoices are visualised.

Codes for unit of packaging from UNECE Recommendation # 21 can be used in accordance with the descriptions in the "Intro" section of UN/ECE Recommendation 20, Revision 11 (2015):

The 2-character alphanumeric code values in UNECE Recommendation 21 shall be used. To avoid duplication with existing code values in UNECE Recommendation # 20, each code value from UNECE Recommendation 21 shall be prefixed with an "X", resulting in a 3 alphanumeric code when used as a unit of measure.

Document location cbc:*/@unitCode

Source code list UN/ECE Recommendation 20, Revision 11 (2015)

Unit of measure in an invoice allows the use of codes from UNECE Recommendation # 20 (version 11e), as well as codes from UNECE Recommendation # 21 prefixed with an X. Please

EXAMPLE 1: unit of measure from Recommendation # 20

Code	Name
C62	One (Synonym: Unit)
EA	Each
H87	Piece
KGM	Kilogram
MTR	Meter
LTR	Litre
MTK	Square metre
MTQ	Cubic metre
KTM	Kilometre
TNE	Tonne (metric ton)
KWH	Kilowatt hour
DAY	Day
HUR	Hour
MIN	Minute

EXAMPLE 2: unit of measure from Recommendation # 21, prefixed with an X

Code	Name
------	------

8 Code list and identifier

XBG	Bag
XBX	Box
XCA	Case
XCT	Carton
XCY	Cylinder
XBA	Barrel
XPB	Package
XPX	Pallet
XRL	Reel
XSA	Sack
XST	Sheet

EXAMPLE 3: UBL example of unit of measure

```
<cbc:InvoicedQuantity unitCode="H87">10</cbc:InvoicedQuantity>
```

```
<cbc:InvoicedQuantity unitCode="XPX">10</cbc:InvoicedQuantity>
```

Code H87 from Recommendation # 20

Code PX, prefixed with an X from Recommendation # 21

8.2.5 Allowance reason codes

Any allowance reason codes shall be from UN/CEFACT code list 5189, D.16B

Document location `cbc:AllowanceChargeReasonCode[../cbc:ChargeIndicator = false()]`

Source code list Subset of UN/CEFACT code list 5189, D.16B

Valid values are listed in the list below:

Code	Description
41	Bonus for works ahead of schedule
42	Other bonus
60	Manufacturer's consumer discount
62	Due to military status
63	Due to work accident
64	Special agreement
65	Production error discount
66	New outlet discount
67	Sample discount
68	End-of-range discount
70	Incoterm discount
71	Point of sales threshold allowance
88	Material surcharge/deduction
95	Discount
100	Special rebates
102	Fixed long term
103	Temporary
104	Standard
105	Yearly turnovers

8.2.6 Charge reason codes

Any charge reason code shall be from UN/CEFACT code list 7161, D.16B

Document location `cbc:AllowanceChargeReasonCode[../cbc:ChargeIndicator = true()]`

Source code list UN/CEFACT code list 7161, D.16B

8.2.7 Mime codes

Mime type codes — Mime codes, shared as restricted in PINT

Subset of IANA Media Types.

Document location `cbc:EmbeddedDocumentBinaryObject/@mimeCode`

Source code list Subset of IANA

Documents `application/pdf`

Images	image/png
	image/jpeg
Text	text/csv
Spreadsheet	application/vnd.openxmlformats-officedocument.spreadsheetml.sheet
	application/vnd.oasis.opendocument.spreadsheet

8.2.8 Code lists for identifier schemes

8.2.8.1 General

Following code lists are used for identifier elements to specify what identifier scheme an identifier is based on.

8.2.8.2 Electronic address identifier scheme

For Sellers and Buyers Electronic address identifiers (Endpoint identification, ibt-49 and ibt-34) the allowed identifier schemes is specified by the Electronic address scheme code list, EAS.

Business Term Electronic address identifiers (Endpoint)

Applicable XPath `cbc:EndpointID/@schemeID`

Code list (link or subset values)

Code list for electronic addresses.

8.2.8.3 Party identifiers and party legal registration identifier scheme

All party identifiers and party legal registration identifier has an optional scheme attribute. If used, the value shall be chosen from the ICD list from ISO/IEC 6523

Business Term Party identifiers (Buyer, Seller, Payee)

Applicable XPath `cac:PartyIdentification/cbc:ID/@schemeID`

Code list ICD list from ISO/IEC 6523

Legal registration identifiers (Buyer, Seller, Payee)

`cac:PartyLegalEntity/cbc:CompanyID/@schemeID`

Deliver to location identifier

`cac:Delivery/cac:DeliveryLocation/cbc:ID/@schemeID`

8.2.8.4 Invoiced object identifier scheme

The invoiced object identifier scheme shall be from UN/CEFACT code list 1153, D.16B

Business Term Invoiced object identifier

Applicable XPath

`cac:AdditionalDocumentReference[cbc:DocumentTypeCode= '130']/cbc:ID/@schemeID`

Code list UN/CEFACT code list 1153, D.16B

8.2.8.5 Item standard identifier scheme

An item standard identifier has a mandatory scheme attribute. The value shall be chosen from the ICD list from ISO/IEC 6523

Business Term Item Standard identifier

Applicable XPath

`cac:InvoiceLine/cac:Item/cac:StandardItemIdentification/cbc:ID/@schemeID`

8 Code list and identifier

Code list ICD list from ISO/IEC 6523

8.2.8.6 Item classification identifier

An item classification identifier has a mandatory scheme attribute. The value shall be chosen from UN/CEFACT code list 7143, D.16B.

Business Term Item Classification identifier

Applicable XPath

```
cac:InvoiceLine/cac:Item/cac:CommodityClassification/cbc:ItemClassificationCode/@listID
```

Code list UN/CEFACT code list 7143, D.16B

8.2.8.7 Peppol Identifiers

PEPPOL has defined a PEPPOL Policy for identifiers, policy 8 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.

8.3 Aligned code list

8.3.1 Payment means type code

Payment means type code shall be from UN/CEFACT code list 4461, with extensions. The extended part of the code list is not supported in EN 16931 and consequently not in the European implementation of PINT, the BIS Billing 3.0.

Document location `cac:PaymentMeans/cbc:PaymentMeansCode`

Source code list UN/CEFACT code list 4461

The payment means type code list is extended in the PINT by adding codes that begin with the letter Z and followed with a number with minimum 2 digits. As example Z01.

8.3.2 TAX category codes

Although EN 16931 mandate use of a source code list UN/CEFACT code list 5305, tax category codes (ib-095, ibt-102, ibt-118, ibt-151) are not shared but defined by different specializations. Consequently, there is not a shared understanding of what they mean, and their meaning can be ignored by those who are processing invoices as pint compliant.

Further details on tax category codes may be found in the PINT guideline.

Document location `cac:TaxCategory/cbc:ID`

Followings are Tax category codes in Japan.

```
S standard rate (tax rate 10%)
AA Lower rate (tax rate 8%) Tax rate is lower than standard rate.
AE Consumption Tax Reverse Charge
E Exempt from Consumption Tax. Consumption Tax is not applicable.
G Free export item, tax not charged, free export and Consumption Tax is not charged.
O Services outside scope of Consumption Tax
```

8.3.3 TAX type

Tax types allowed in the PINT are limited to the following subset of the UNECE 5153 Duty or tax or fee type name codes. Invoice domain specification may restrict the allowed tax type, but additional tax types can be allowed by adding to the PINT code list subset.

Document location `cac:TaxCategory/cac:TaxScheme/cbc:ID`

VAT**Value added tax**

A tax on domestic or imported goods applied to the value added at each stage in the production/distribution cycle.

GST**Goods and services tax**

A tax on domestic or imported goods applied to the value added at each stage in the production/distribution cycle.

LOC**Sales tax**

Assessment charges on sale of goods or services by city borough country or other taxing authorities below state or provincial level.

STT**State/provincial sales tax**

All applicable sale taxes by authorities at the state or level, below national level.

AAG**Harmonised sales tax, Canadian**

A harmonized sales tax consisting of a goods and service, a Canadian provincial sales tax and, as applicable, Quebec sales tax which is recoverable.

AAH**Quebec sales tax**

A sales tax charged within the Canadian province of Quebec which is recoverable.

AAI**Canadian provincial sales tax**

A sales tax charged within Canadian provinces which is recoverable.

8.3.4 VAT exemption reason code

Although EN 16931 mandate use of a code list maintained by Connecting Europe Facility (CEF), tax exemption reason code can be any and is not shared.

Document location `cac:TaxCategory/cbc:TaxExemptionReasonCode`

8.3.5 Value added tax point date code

Although EN 16931 mandate use of a code list subset of UN/CEFACT code list 2005.D.16B, value added tax point date code (ibt-008) code can be any and is not shared.

Document location `cac:InvoicePeriod/cbc:DescriptionCode`

9 Peppol Identifiers

[SOURCE: Japanese Peppol BIS Documentation]

9.1 Overview

Peppol has defined a PEPPOL Policy for identifiers, policy 8 that specifies how to use identifiers in both its transport infrastructure and within the documents exchanged across that infrastructure. It also introduces principles for any identifiers used in the Peppol environment. The policies that apply to this BIS are the following:

9.2 Profiles and messages

All messages contains ProfileID and CustomizationID. ProfileID identifies what business process a given message is part of, and CustomizationID identifies the kind of message and the rules applied.

Profiles are connected to one business process, and may contain multiple document types. Valid document instances shall contain corresponding ProfileID and CustomizationID.

NOTE: CustomizationID is a string without spaces. The list below contains spaces in CustomizationID to make them easier to read. Make sure to remove any spaces before use.

9.3 Japanese standard invoice

Table 25 lists the values to be used as the specification identifier (ibt-024) and the business process type (ibt-023) for this profile.

Table 25 — Values to be used for billing

Type	ID	Element	Value
JP standard invoice and credit note	ibt-024	cbc:CustomizationID	urn:peppol:pint:billing-3.0@jp:peppol-1
	ibt-023	cbc:ProfileID	urn:peppol:bis:billing
Debit Note	ibt-024	cbc:CustomizationID	urn:peppol:pint:debitnote-3.0@jp:peppol-1
	ibt-023	cbc:ProfileID	urn:peppol:bis:suminvpt1

9.4 Japanese summarised invoice

Table 26 lists the values to be used as the specification identifier (ibt-024) and the business process type (ibt-023) for this profile.

Table 26 — Values to be used for summarised invoice pattern 1

Type	ID	Element	Value
JP summarised invoice and credit note	ibt-024	cbc:CustomizationID	urn:peppol:pint:billing-3.0@jp:peppol-1@jp:suminvpt1-1
	ibt-023	cbc:ProfileID	urn:peppol:bis:suminvpt1
Debit Note	ibt-024	cbc:CustomizationID	urn:peppol:pint:debitnote-3.0@jp:peppol-1
	ibt-023	cbc:ProfileID	urn:peppol:bis:suminvpt1

10 UBL schemas and namespaces

Table 77 lists namespaces. [EIPA]

Table 27 — Namespace

Document Type	UBL	namespace
380, 383	Invoice 2.1	urn:oasis:names:specification:ubl:schema:xsd:Invoice-2
381	CreditNote 2.1	urn:oasis:names:specification:ubl:schema:xsd:CreditNote-2
Statement	Statement 2.1	urn:oasis:names:specification:ubl:schema:xsd:Statement-2

Bibliography

- [1] ISO #####-#, *General title — Part #: Title of part*
- [2] ISO #####-##:20##, *General title — Part ##: Title of part*