



BSI Standards Publication

Electronic invoicing

Part 3-3: Syntax binding for UN/CEFACT XML Industry Invoice D16B

National foreword

This Published Document is the UK implementation of CEN/TS 16931-3-3:2017.

The UK participation in its preparation was entrusted to Technical Committee IST/47/-/2, E-invoicing.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2017
Published by BSI Standards Limited 2017

ISBN 978 0 580 97967 5

ICS 35.240.63; 35.240.20

Compliance with a Published Document cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 November 2017.

Amendments/corrigenda issued since publication

Date	Text affected
------	---------------

English Version

Electronic invoicing - Part 3-3: Syntax binding for UN/CEFACT XML Industry Invoice D16B

Facturation électronique - Partie 3-3 : Correspondance
syntaxique pour les factures intersectorielles - Schéma
XML D16B UN/CEFACT

Elektronische Rechnungsstellung - Teil 3-3: Umsetzung
in die Syntax UN/CEFACT XML Cross Industry Invoice
D16B

This Technical Specification (CEN/TS) was approved by CEN on 30 July 2017 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

	Page
European foreword.....	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Syntax binding to the UN/CEFACT Cross Industry Invoice.....	6
4.1 Introduction	6
4.2 Data types	7
4.3 Codes and identifiers	8
4.4 Mapping the Invoice model	8
4.5 Validation artefacts	74
5 Mismatches.....	74
5.1 Semantic level.....	74
5.2 Structural level.....	74
5.3 Cardinality level.....	74
Annex A (informative) Examples	75
A.1 Introduction	75
A.2 Invoice with multiple line items	75
A.3 IT equipment	95
A.4 Subscription	110
A.5 Domestic payment	114
A.6 Maximum content	121
A.7 Minimum content.....	135
A.8 Taxes	139
A.9 Electricity	145
A.10 Licenses.....	160
Bibliography.....	166

European foreword

This document (CEN/TS 16931-3-3:2017) has been prepared by Technical Committee CEN/TC 434 “Electronic invoicing”, the secretariat of which is held by NEN.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive 2014/55/EU.

This document is part of a set of documents, consisting of:

- EN 16931-1:2017, *Electronic invoicing - Part 1: Semantic data model of the core elements of an electronic invoice*
- CEN/TS 16931-2:2017, *Electronic invoicing - Part 2: List of syntaxes that comply with EN 16931-1*
- 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*
- CEN/TS 16931-3-3:2017, *Electronic invoicing - Part 3 - 3: Syntax binding for UN/CEFACT XML Cross Industry Invoice D16B*
- CEN/TS 16931-3-4:2017, *Electronic invoicing - Part 3 - 4: Syntax binding for UN/EDIFACT INVOIC D16B*
- CEN/TR 16931-4:2017, *Electronic invoicing - Part 4: Guidelines on interoperability of electronic invoices at the transmission level*
- CEN/TR 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*
- CEN/TR 16931-6:2017, *Electronic invoicing - Part 6: Result of the test of EN 16931-1 with respect to its practical application for an end user*

According to the CEN/CENELEC Internal Regulations, the national standards organisations of the following countries are bound to announce this Technical Specification: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

The European Commission estimates that "The mass adoption of e-invoicing within the EU would lead to significant economic benefits and it is estimated that moving from paper to e-invoices will generate savings of around EUR 240 billion over a six-year period"¹. Based on this recognition "The Commission wants to see e-invoicing become the predominant method of invoicing by 2020 in Europe."

As a means to achieve this goal, Directive 2014/55/EU [3] on electronic invoicing in public procurement aims at facilitating the use of electronic invoices by economic operators when supplying goods, works and services to the public administration (B2G), as well as the support for trading between economic operators themselves (B2B). In particular, it sets out the legal framework for the establishment and adoption of a European standard (EN) for the semantic data model of the core elements of an electronic invoice (EN 16931-1).

In line with Directive 2014/55/EU [3], and after publication of the reference to EN 16931-1 in the Official Journal of the European Union, all contracting public authorities and contracting entities in the EU will be obliged to receive and process an e-invoice as long as:

- it is in conformance with the semantic content as described in EN 16931-1;
- it is represented in any of the syntaxes identified in CEN/TS 16931-2, in accordance with the request referred to in paragraph 1 of article 3 of the Directive 2014/55/EU;
- it is in conformance with the appropriate mapping defined in the applicable subpart of CEN/TS 16931-3.

The semantic data model of the core elements of an electronic invoice – the core invoice model – as described in EN 16931-1 is based on the proposition that a limited, but sufficient set of information elements can be defined that supports generally applicable invoice-related functionalities.

This CEN Technical Specification CEN/TS 16931-3-3 defines the binding of the core elements of the invoice to the Cross Industry Invoice of UN/CEFACT XML. Other subparts of this CEN Technical Specifications define the binding method (CEN/TS 16931-3-1) and map the core invoice model to other syntaxes such as ISO/IEC 19845 (UBL 2.1) (CEN/TS 16931-3-2) and ISO/IEC 9735 (UN/EDIFACT) (CEN/TS 16931-3-4).

By ensuring interoperability of electronic invoices, the European standard and its ancillary European standardisation deliverables will serve to remove market barriers and obstacles to trade deriving from the existence of different national rules and standards – and thus contribute to the goals set by the European Commission

¹ <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2010:0712:FIN:en:PDF>.

1 Scope

This CEN Technical Specification (TS) specifies the mapping between the semantic model of an electronic invoice, included in EN 16931-1 and the Cross Industry Invoice in the UN/CEFACT XML syntax. For each element in the semantic model (including sub-elements or supplementary components such as Identification scheme identifiers) it is defined which element in the syntax is to be used to contain its information contents. Any mismatches between semantics, format, cardinality or structure are indicated.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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 - Semantic data model of the core elements of an electronic invoice*

ISO 4217, *Codes for the representation of currencies*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

electronic invoice

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

[SOURCE: Directive 2014/55/EU [i.1]]

3.2

semantic data model

structured set of logically interrelated information elements

3.3

information element

semantic concept that can be defined independent of any particular representation in a syntax

3.4

syntax

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

3.5

business term

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

3.6

core invoice model

semantic data model of the Core elements of an electronic invoice

3.7

core elements of an electronic invoice

set of essential information elements that an electronic invoice may contain in order to enable cross-border interoperability, including the necessary information to ensure legal compliance

3.8

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

Note 1 to entry: An identifier may be a word, number, letter, symbol, or any combination of those

3.9

identification scheme

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

4 Syntax binding to the UN/CEFACT XML Cross Industry Invoice D16B

4.1 Introduction

One part of the basis for the European Core Data Model are the CEN MUG CWAs which are a subset of Cross Industry Invoice (CII). UN XML standards are developed within UN/CEFACT. This guarantees an international focus, openness in the process and free usage, as this is the mission of UN/CEFACT and the policy of UNECE as a global standardisation body². For all published specifications and standards the Intellectual Property Rights (IPRs) are owned by the UN and as such are open for free use by everyone. UN/CEFACT XML and all underlying standards (i.e. Core Component Methodology, Library, Message Assembly, XML Naming & Design Rules) are maintained on a regular basis by UN/CEFACT, within the United Nations framework of the Economic and Social Council, the United Nations Economic Commission for Europe (UNECE). The maintenance process is documented, applied and governed. All relevant procedural documents are available. Open participation for all interested stakeholders is ensured through the national delegations, which are usually connected to the national standards bodies. Also recognised organisations are able to participate in the development and maintenance process.

UN/CEFACT standards are actively used worldwide in various sectors like Agriculture, Transport & Logistics, B2G EProcurement and cross-sector applications in different regions (APAC, US, Europe, LatAm).

Apart from Invoice (CII) implementations, UN/CEFACT standards are implemented within the US Department of Defense. Within the global GS1 Community UN/CEFACT XML is used (apart from EANCOM & GS1 XML) in several countries worldwide. In other industries and domains CII and UN/CEFACT syntax has been adopted as well, e.g. Japan, Taiwan (Single Window for reference WCO DATA MODEL and UN/CEFACT XML & UNTDED) or Korea (cross industry tax e-invoice is obligation of law).

CII, as part of cross-sector supply chain processes is implemented in various European countries, e.g.

- French Public eInvoking Platform (CHORUS)
- German B2B and B2C core invoice standard (ZUGFeRD)

² See www.cen.eu, www.unece.org/cefact.html

UN/CEFACT provides the relevant standards and guidelines on their website.

Support to the implementers and users is provided through other standardisation bodies (e.g. CEN, GS1), user communities, experts who are members of a national delegation at UN/CEFACT, etc. which building their recommendations/guidelines upon published UN/CEFACT standards.

UN/CEFACT offers the CCBDA CCL message assembly methodology as guideline on how to modify the underlying data model to enable subsetting. Applying the respective naming and design rules the syntax becomes restricted or extended.

CCBDA supports message assembly and message contextual customisation based on the Reference ABIE Library of the CCL. It is important to explain that extension is supported within the bounds of those reference ABIEs and, of course, submissions to extend any ABIE can be submitted to Library Maintenance for future inclusion. The aim is a controlled mechanism on extensions in order to facilitate interoperability.

Using this standardised approach the EN requirement to take into account the UN/CEFACT XML Cross Industry Invoice v. 2.0 and v.3.0³ is reached⁴.

In order to take the most current version of the Cross Industry Invoice into account to be prepared best possible to support an easy, sustainable and effective implementation of the EN using the Cross Industry Invoice the Syntax mapping is done to Cross Industry Invoice version 100 (release D16B SCRDM). This version contains two sets of schemas. One with coupled code list modules that allow a one-step validation for the UN/CEFACT Standard; the second with decoupled code list modules. It is advised to implement the interface using the second set of schemas (decoupled) to get a fully backwards compatible and stable implementation that enables a system to take future code list updates into account.

4.2 Data types

Data Types and relevant Codelists for the Cross Industry Invoice can be found in the Requirement Specification Mapping (RSM) document at the UNECE website⁵. The following additional rules are applied:

- For the udt:DateTimeType only the DateTimeString choice shall be used. For the corresponding attribute @format the codelist UN/CEFACT 2379 is applied.
- The the mapping of the SDM only code “102” (YYYYMMDD) shall be used. In a scenario with applied extensions the two additional formats 610 (YYYYMM) and 616 (YYYYWW) can be used as well.

³ See C(2014) 7912 final, ANNEX 1, p.5

⁴ See CCTS 2.01 & CCBDA 1.0 & NDR 2.1 Artefacts at <http://www.unece.org/tradewelcome/un-centre-for-trade-facilitation-and-e-business-uncefact/outputs/technical-specifications/>

⁵ https://www.unece.org/cefact/rsm/rsm_index.html

4.3 Codes and identifiers

As UN/CEFACT XML fully supports the codelists referenced by the Semantic Data Model (SDM) the corresponding codes to the semantic requirements of the latest published lists can be used without any additional mapping. For the following codes lists special rules are applied:

- ISO 4217 (Currencies): The alpha-3-representation shall be used. The currency shall only be given on document level in `/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableSupplyChainHeaderTradeSettlement/ram:InvoiceCurrencyCode`. Only if a different `TaxCurrencyCode` is to be used the currency code shall be given at the appropriate element.
- BT-8 (Value added tax point date code). While the model defines a restriction of UNTDID 2005, CII supports in the mapped to element a restriction of UNTDID 2475 as follows:

Table 1 — Codes

Semantic model	Code in UNTDID 2005	Code for CII in UNTDID 2475
Invoice document issue date	3	5
Delivery date, actual	35	29
Paid to date	432	72

4.4 Mapping the Invoice model

In the following table the semantic data model of the EN 16931-1 is mapped to the corresponding XPaths of the Cross Industry Invoice 100 (D16B) message structure. The cardinality column for the syntax represents the cardinality as it is defined by UN/CEFACT to illustrate differences between the semantic data model and the respective syntax. The cardinality of the data model is taken into account by the corresponding validation artefacts.

Table 2 — Semantic model to UN/CEFACT syntax elements mapping (normative)

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-1	1	1..1	Invoice number	A unique identification of the Invoice.	I	/rsm:CrossIndustryInvoice/rsm:ExchangedDocument/ram:ID	E	1..1		
BT-2	1	1..1	Invoice issue date	The date when the Invoice was issued.	D	/rsm:CrossIndustryInvoice/rsm:ExchangedDocument/ram:IssueDateTimestamp/udt:DateTimeString	E	1..1		@format="102"
						/rsm:CrossIndustryInvoice/rsm:ExchangedDocument/ram:IssueDateTimestamp/udt:DateTimeString/@format	A			Only value "102"
BT-3	1	1..1	Invoice type code	A code specifying the functional type of the Invoice.	C	/rsm:CrossIndustryInvoice/rsm:ExchangedDocument/ram:TypeCode	E	0..1	CAR-2	
BT-5	1	1..1	Invoice currency code	The currency in which all Invoice amounts are given, except for the Total VAT amount in accounting currency.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:InvoiceCurrencyCode	E	0..1	CAR-2	
BT-6	1	0..1	VAT accounting currency code	The currency used for VAT accounting and reporting purposes as accepted or required in the country of the Seller.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:TaxCurrencyCode	E	0..1	CAR-2	
BT-7	1	0..1	Value added tax point date	The date when the VAT 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 VAT directive...	D	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:ApplicableTradeTax/ram:TaxPointDate/udt:DateTimeString	E	1..1	STR-2	@format="102"

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:ApplicableTradeTax/ram:TaxPointDate/udt:DateString/@format	A			Only value "102"
BT-8	1	0..1	Value added tax point date code	The code of the date when the VAT becomes accountable for the Seller and for the Buyer.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:ApplicableTradeTax/ram:DueDateTypeCode	E	0..1	STR-2	
BT-9	1	0..1	Payment due date	The date when the payment is due.	D	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradePaymentTerms/ram:DueDate/udt:DateTimeString	E	1..1		@format="102"
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradePaymentTerms/ram:DueDate/udt:DateTimeString/@format	A			Only value "102"
BT-10	1	0..1	Buyer reference	An identifier assigned by the Buyer used for internal routing purposes.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerReference	E	0..1		
BT-11	1	0..1	Project reference	The identification of the project the invoice refers to.	O	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SpecifiedProcuringProject/ram:ID	E	1..1		Use "Project reference" as default value for Name.
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SpecifiedProcuringProject/ram:Name	E	1..1		Use "Project reference" as default value for Name.
BT-12	1	0..1	Contract reference	The identification of a contract.	O	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:ContractReferencedDocument/ram:IssuerAssignedID	E	0..1		
BT-13	1	0..1	Purchase order reference	An identifier of a referenced purchase order, issued by the Buyer.	O	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerOrderReferencedDocument/ram:IssuerAssignedID	E	0..1		

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-14	1	0..1	Sales order reference	An identifier of a referenced sales order, issued by the Seller.	0	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerOrderReferencedDocument/ram:IssuerAssignedID	E	0..1		
BT-15	1	0..1	Receiving advice reference	An identifier of a referenced receiving advice.	0	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ReceivingAdviceReferencedDocument/ram:IssuerAssignedID	E	0..1		
BT-16	1	0..1	Despatch advice reference	An identifier of a referenced despatch advice.	0	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:DespatchAdviceReferencedDocument/ram:IssuerAssignedID	E	0..1		
BT-17	1	0..1	Tender or lot reference	The identification of the call for tender or lot the invoice relates to.	0	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AdditionalReferencedDocument/ram:IssuerAssignedID	E	0..1		Use for "Tender or lot reference" with TypeCode "50"
BT-18	1	0..1	Invoiced object identifier	The identification of the call for tender or lot the invoice relates to.	1	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AdditionalReferencedDocument/ram:TypeCode	E	0..1		Use for "Tender or lot reference" with TypeCode "50"
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AdditionalReferencedDocument/ram:IssuerAssignedID	E	0..1	CAR-2	Use for "Invoiced object identifier" with TypeCode "130" and ReferenceTypeCode
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AdditionalReferencedDocument/ram:TypeCode	E	0..1	CAR-2	Use for "Invoiced object identifier" with TypeCode "130" and

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
										ReferenceTypeCode
BT-18-1	2	0..1	Scheme identifier	The identification scheme identifier of the Invoiced object identifier.	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AdditionalReferencedDocument/ram:ReferenceTypeCode	E	0..1		
BT-19	1	0..1	Buyer accounting reference	A textual value that specifies where to book the relevant data into the Buyer's financial accounts.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:ReceivableSpecifiedTradeAccountingAccount/ram:ID	E	1..1	CAR-2	
BT-20	1	0..1	Payment terms	A textual description of the payment terms that apply to the amount due for payment (Including description of possible penalties).	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradePaymentTerms/ram:Description	E	0..n	CAR-3	
BG-1	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.		/rsm:CrossIndustryInvoice/rsm:ExchangedDocument/ram:IncludedNote	E	0..n		
BT-21	2	0..1	Invoice note subject code	The subject of the following textual note.	C	/rsm:CrossIndustryInvoice/rsm:ExchangedDocument/ram:IncludedNote/ram:SubjectCode	E	0..1		
BT-22	2	1..1	Invoice note	A textual note that gives unstructured information that is relevant to the Invoice as a whole.	T	/rsm:CrossIndustryInvoice/rsm:ExchangedDocument/ram:IncludedNote/ram:Content	E	0..n	CAR-3	

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BG-2	1	1..1	PROCESS CONTROL	A group of business terms providing information on the business process and rules applicable to the		/rsm:CrossIndustryInvoice/rsm:ExchangedDocumentContext	E	1..1		
BT-23	2	0..1	Business process type	Identifies the business process context in which the transaction appears, to enable the Buyer to process the Invoice in an appropriate way.	T	/rsm:CrossIndustryInvoice/rsm:ExchangedDocumentContext/ram:BusinessProcessSpecifiedDocumentContextParameter/ram:ID	E	0..1		
BT-24	2	1..1	Specification identifier	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.	I	/rsm:CrossIndustryInvoice/rsm:ExchangedDocumentContext/ram:GuidelineSpecifiedDocumentContextParameter/ram:ID	E	0..1	CAR-2, CAR-3	
BG-3	1	0..n	PRECEDING INVOICE REFERENCE	A group of business terms providing information on one or more preceding Invoices.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:InvoiceReferencedDocument	E	0..1		
BT-25	2	1..1	Preceding Invoice number	The identification of an Invoice that was previously sent by the Seller.	O	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:InvoiceReferencedDocument/ram:IssuerAssignedID	E	0..1	CAR-2	
BT-26	2	0..1	Preceding Invoice issue date	The date when the Preceding Invoice was issued.	D	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:InvoiceReferencedDocument/ram:FormattedIssueDateTime/ qdt:DateTimeString	E	1..1		

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:InvoiceReferencedDocument/ram:FormattedIssueDateTime/@format	A			Fixed value "102"
BG-5	1	1..1	SELLER	A group of business terms providing information about the Seller.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty	E	0..1		
BT-27	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.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:Name	E	0..1	CAR-2	
BT-28	2	0..1	Seller trading name	A name by which the Seller is known, other than Seller name (also known as Business name).	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:SpecifiedLegalOrganization/ram:TradingBusinessName	E	0..1		
BT-29	2	0..n	Seller identifier	An identification of the Seller.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:ID	E	0..n	SYN-1, CAR-3	GloablID, if global identifier exists and can be stated in @schemeID, ID else
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:GlobalID	E	0..n	SYN-1, CAR-3	GloablID, if global identifier exists and can be stated in @schemeID, ID else

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-29-1	3	0..1	Seller identifier scheme identifier	The identification scheme identifier of the Seller identifier.	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:GlobalID/@schemeID	A			
BT-30	2	0..1	Seller legal registration identifier	An identifier issued by an official registrar that identifies the Seller as a legal entity or person.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:SpecifiedLegalOrganization/ram:ID	E	0..1		
BT-30-1	3	0..1	Seller legal registration identifier scheme identifier	The identification scheme identifier of the Seller legal registration identifier.	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:SpecifiedLegalOrganization/ram:ID/@schemeID	A			
BT-31	2	0..1	Seller VAT identifier	The Seller's VAT identifier (also known as Seller VAT identification number).	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:SpecifiedTaxRegistration/ram:ID	E	0..1		@schemeID="VA"
BT-32	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.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:SpecifiedTaxRegistration/ram:ID	E	0..1		@schemeID="FC"
BT-33	2	0..1	Seller additional legal information	Additional legal information relevant for the Seller.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:Description	E	0..n	CAR-3	

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-34	2	0..1	Seller electronic address	Identifies the Seller's electronic address to which a business document may be delivered.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:URIUniversalCommunication/ram:URIID	E	0..1	CAR-3	
BT-34-1	3	1..1	Seller electronic address identification scheme identifier	The identification scheme identifier of the Seller electronic address	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:URIUniversalCommunication/ram:URIID/@schemeID	A			
BG-5	2	1..1	SELLER POSTAL ADDRESS	A group of business terms providing information about the address of the Seller.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:PostalTradeAddress	E	0..1		
BT-35	3	0..1	Seller address line 1	The main address line in an address.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:PostalTradeAddress/ram:LineOne	E	0..1		
BT-36	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.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:PostalTradeAddress/ram:LineTwo	E	0..1		
BT-162		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.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:PostalTradeAddress/ram:LineThree	E	0..1		
BT-37	3	0..1	Seller city	The common name of the city, town or village, where the Seller address is located.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:PostalTradeAddress/ram:CityName	E	0..1		

ID	Level	Card	BT	Desc.	DT	Path	Type	Card	Match	Rules
BT-38	3	0..1	Seller post code	The identifier for an addressable group of properties according to the relevant postal service.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:PostalTradeAddress/ram:PostcodeCode	E	0..1		
BT-39	3	0..1	Seller country subdivision	The subdivision of a country.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:PostalTradeAddress/ram:CountrySubDivisionName	E	0..n	CAR-3	
BT-40	3	1..1	Seller country code	A code that identifies the country.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:PostalTradeAddress/ram:CountryID	E	0..1		
BG-6	2	0..1	SELLER CONTACT	A group of business terms providing contact information about the Seller.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:DefinedTradeContact	E	0..n	CAR-3	
BT-41	3	0..1	Seller contact point	A contact point for a legal entity or person.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:DefinedTradeContact/ram:PersonName	E	0..1	STR-5	
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:DefinedTradeContact/ram:DepartmentName	E	0..1	STR-5	
BT-42	3	0..1	Seller contact telephone number	A phone number for the contact point.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:DefinedTradeContact/ram:TelephoneUniversalCommunication/ram:CompleteNumber	E	0..1		
BT-43	3	0..1	Seller contact email address	An e-mail address for the contact point.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:DefinedTradeContact/ram:EmailURIUniversalCommunication/ram:URIID	E	0..1		
BG-7	1	1..1	BUYER	A group of business terms providing information about the Buyer.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty	E	0..1		

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-44	2	1..1	Buyer name	The full name of the Buyer.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:Name	E	0..1	CAR-2	
BT-45	2	0..1	Buyer trading name	A name by which the Buyer is known, other than Buyer name (also known as Business name).	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:SpecifiedLegalOrganization/ram:TradingBusinessName	E	0..1		
BT-46	2	0..n	Buyer identifier	An identifier of the Buyer.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:ID	E	0..1	SYN-1, CAR-3	GloablID, if global identifier exists and can be stated in @schemeID, ID else
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:GlobalID	E	0..1	SYN-1, CAR-3	GloablID, if global identifier exists and can be stated in @schemeID, ID else
BT-46-1	3	0..1	Buyer identifier identification scheme identifier	The identification scheme identifier of the Buyer identifier.	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:GlobalID/@schemeID	A			
BT-47	2	0..1	Buyer legal registration identifier	An identifier issued by an official registrar that identifies the Buyer as a legal entity or person.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:SpecifiedLegalOrganization/ram:ID	E	0..1		
BT-47-1	3	0..1	Buyer legal registration identifier identification scheme identifier	The identification scheme identifier of the Buyer legal registration identifier.	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:SpecifiedLegalOrganization/ram:ID/@schemeID	A			

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-48	2	0..1	Buyer VAT identifier	The Buyer's VAT identifier (also known as Buyer VAT identification number).	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:SpecifiedTaxRegistration/ram:ID	E	0..1		@schemeID="VA"
BT-49	2	0..1	Buyer electronic address	Identifies the Buyer's electronic address to which a business document should be delivered.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:URIUniversalCommunication/ram:URIID	E	0..1	CAR-3	
BT-49-1	3	1..1	Buyer electronic address identification scheme identifier	The identification scheme identifier of the Buyer electronic address.	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:URIUniversalCommunication/ram:URIID/@schemeID	A			
BG-8	2	1..1	BUYER POSTAL ADDRESS	A group of business terms providing information about the postal address for the Buyer.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:PostalTradeAddress	E	0..1		
BT-50	3	0..1	Buyer address line 1	The main address line in an address.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:PostalTradeAddress/ram:LineOne	E	0..1		
BT-51	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.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:PostalTradeAddress/ram:LineTwo	E	0..1		
BT-163		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.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:PostalTradeAddress/ram:LineThree	E	0..1		

ID	Level	Card	BT	Desc.	DT	Path	Type	Card	Match	Rules
BT-52	3	0..1	Buyer city	The common name of the city, town or village, where the Buyer's address is located.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:PostalTradeAddress/ram:CityName	E	0..1		
BT-53	3	0..1	Buyer post code	The identifier for an addressable group of properties according to the relevant postal service.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:PostalTradeAddress/ram:PostcodeCode	E	0..1		
BT-54	3	0..1	Buyer country subdivision	The subdivision of a country.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:PostalTradeAddress/ram:CountrySubDivisionName	E	0..n	CAR-3	
BT-55	3	1..1	Buyer country code	A code that identifies the country.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:PostalTradeAddress/ram:CountryID	E	0..1		
BG-9	2	0..1	BUYER CONTACT	A group of business terms providing contact information relevant for the Buyer.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:DefinedTradeContact	E	0..n	CAR-3	
BT-56	3	0..1	Buyer contact point	A contact point for a legal entity or person.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:DefinedTradeContact/ram:PersonName	E	0..1	STR-5	
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:DefinedTradeContact/ram:DepartmentName	E	0..1	STR-5	
BT-57	3	0..1	Buyer contact telephone number	A phone number for the contact point.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:DefinedTradeContact/ram:TelephoneUniversalCommunication/ram:CompleteNumber	E	0..1		
BT-58	3	0..1	Buyer contact email address	An e-mail address for the contact point.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:DefinedTradeContact/ram:EmailURIUniversalCommunication/ram:URIID	E	0..1		

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BG-10	1	0..1	PAYEE	A group of business terms providing information about the Payee, i.e. the role that receives the payment.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:PayeeTradeParty	E	0..1		
BT-59	2	1..1	Payee name	The name of the Payee.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:PayeeTradeParty/ram:Name	E	0..1		
BT-60	2	0..1	Payee identifier	An identifier for the Payee.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:PayeeTradeParty/ram:ID	E	0..n	SYN-1, CAR-3	GloablID, if global identifier exists and can be stated in @schemeID, ID else
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:PayeeTradeParty/ram:GlobalID	E	0..n	SYN-1, CAR-3	GloablID, if global identifier exists and can be stated in @schemeID, ID else
BT-60-1	3	0..1	Payee identifier identification scheme identifier	The identification scheme identifier of the Payee identifier.	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:PayeeTradeParty/ram:GlobalID/@schemeID	A			
BT-61	2	0..1	Payee legal registration identifier	An identifier issued by an official registrar that identifies the Payee as a legal entity or person.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:PayeeTradeParty/ram:SpecifiedLegalOrganization/ram:ID	E	0..1		
BT-61-1	3	0..1	Payee legal registration identifier identification scheme identifier	The identification scheme identifier of the Payee legal registration identifier.	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:PayeeTradeParty/ram:SpecifiedLegalOrganization/ram:ID/@schemeID	A			

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BG-11	1	0..1	SELLER TAX REPRESENTATIVE PARTY	A group of business terms providing information about the Seller's tax representative.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTaxRepresentativeParty	E	0..1		
BT-62	2	1..1	Seller tax representative name	The full name of the Seller's tax representative party.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTaxRepresentativeParty/ram:Name	E	0..1		
BT-63	2	1..1	Seller tax representative VAT identifier	The VAT identifier of the Seller's tax representative party.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTaxRepresentativeParty/ram:SpecifiedTaxRegistration/ram:ID	E	0..1	CAR-3	@schemeID="VA"
BG-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.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTaxRepresentativeParty/ram:PostalTradeAddress	E	0..1		
BT-64	3	0..1	Tax representative address line 1	The main address line in an address.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTaxRepresentativeParty/ram:PostalTradeAddress/ram:LineOne	E	0..1		
BT-65	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.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTaxRepresentativeParty/ram:PostalTradeAddress/ram:LineTwo	E	0..1		
BT-164		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.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTaxRepresentativeParty/ram:PostalTradeAddress/ram:LineThree	E	0..1		

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-66	3	0..1	Tax representative city	The common name of the city, town or village, where the tax representative address is located.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTaxRepresentativeTradeParty/ram:PostalTradeAddress/ram:CityName	E	0..1		
BT-67	3	0..1	Tax representative post code	The identifier for an addressable group of properties according to the relevant postal service.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTaxRepresentativeTradeParty/ram:PostalTradeAddress/ram:PostcodeCode	E	0..1		
BT-68	3	0..1	Tax representative country subdivision	The subdivision of a country.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTaxRepresentativeTradeParty/ram:PostalTradeAddress/ram:CountrySubDivisionName	E	0..n	CAR-3	
BT-69	3	1..1	Tax representative country code	A code that identifies the country.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTaxRepresentativeTradeParty/ram:PostalTradeAddress/ram:CountryID	E	0..1		
BG-13	1	0..1	DELIVERY INFORMATION	A group of business terms providing information about where and when the goods and services invoiced are delivered.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty	E	0..1	STR-3	
BT-70	2	0..1	Deliver to party name	The name of the party to which the goods and services are delivered.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:Name	E	0..1		
BT-71	2	0..1	Deliver to location identifier	An identifier for the location at which the goods and services are delivered.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:ID	E	0..n	SYN-1, CAR-3	GloablID, if global identifier exists and can be stated in @schemeID, ID else

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:GlobalID	E	0..n	SYN-1, CAR-3	GlobalID, if global identifier exists and can be stated in @schemeID, ID else
BT-71-1	3	0..1	Deliver to location identifier identification scheme identifier	The identification scheme identifier of the Deliver to location identifier.	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:GlobalID/@schemeID	A			
BT-72	2	0..1	Actual delivery date	The date on which the delivery is made.	D	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ActualDeliverySupplyChainEvent/ram:OccurrenceDateTime/udt:DateTimeString	E	1..1		@format="102"
BG-14	2	0..1	DELIVERY OR INVOICE PERIOD	A group of business terms providing information on the invoice period.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:BillingSpecifiedPeriod	E	0..1		
BT-73	3	0..1	Invoicing period start date	The date when the Invoice period starts.	D	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:BillingSpecifiedPeriod/ram:StartDateTime/udt:DateTimeString	E	1..1	SYN-2, CAR-2	@format="102"
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:BillingSpecifiedPeriod/ram:StartDateTime/udt:DateTimeString/@format	A			Only value "102"
BT-74	3	0..1	Invoicing period end date	The date when the Invoice period ends.	D	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:BillingSpecifiedPeriod/ram:EndDateTime/udt:DateTimeString	E	1..1	SYN-2, CAR-2	@format="102"
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:BillingSpecifiedPeriod/ram:EndDateTime/udt:DateTimeString/@format	A			Only value "102"

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BG-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.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:PostalTradeAddress	E	0..1		
BT-75	3	0..1	Deliver to address line 1	The main address line in an address.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:PostalTradeAddress/ram:LineOne	E	0..1		
BT-76	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.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:PostalTradeAddress/ram:LineTwo	E	0..1		
BT-165		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.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:PostalTradeAddress/ram:LineThree	E	0..1		
BT-77	3	0..1	Deliver to city	The common name of the city, town or village, where the deliver to address is located.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:PostalTradeAddress/ram:CityName	E	0..1		
BT-78	3	0..1	Deliver to post code	The identifier for an addressable group of properties according to the relevant postal service.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:PostalTradeAddress/ram:PostcodeCode	E	0..1		
BT-79	3	0..1	Deliver to country subdivision	The subdivision of a country.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:PostalTradeAddress/ram:CountrySubDivisionName	E	0..n	CAR-3	

ID	Level	Card	BT	Desc.	DT	Path	Type	Card	Match	Rules
BT-80	3	1..1	Deliver to country code	A code that identifies the country.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:PostalTradeAddress/ram:CountryID	E	0..1		
BG-16	1	0..1	PAYMENT INSTRUCTIONS	A group of business terms providing information about the payment.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPaymentMeans	E	0..n	STR-3	
BT-81	2	1..1	Payment means type code	The means, expressed as code, for how a payment is expected to be or has been settled.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPaymentMeans/ram:TypeCode	E	0..1	CAR-2	
BT-82	2	0..1	Payment means text	The means, expressed as text, for how a payment is expected to be or has been settled.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPaymentMeans/ram:Information	E	0..n	CAR-3	
BT-83	2	0..1	Remittance information	A textual value used to establish a link between the payment and the Invoice, issued by the Seller.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:PaymentReference	E	0..n	CAR-3	
BG-17	2	0..n	CREDIT TRANSFER	A group of business terms to specify credit transfer payments.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPaymentMeans/ram:PayeePartyCreditorFinancialAccount	E	0..1	STR-3	
BT-84	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.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPaymentMeans/ram:PayeePartyCreditorFinancialAccount/ram:IBANID	E	0..1	CAR-2, SEM-2	Use IBANID if applicable, ProprietaryID else

ID	Level	Card	BT	Desc.	DT	Path	Type	Card	Match	Rules
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPayeeMeans/ram:PayeePartyCreditorFinancialAccount/ram:ProprietaryID	E	0..1	CAR-2, SEM-2	Use IBANID if applicable, ProprietaryID else
BT-85	3	0..1	Payment account name	The name of the payment account, at a payment service provider, to which payment should be made.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPayeeMeans/ram:PayeePartyCreditorFinancialAccount/ram:AccountName	E	0..1		
BT-86	3	0..1	Payment service provider identifier	An identifier for the payment service provider where a payment account is located.	I	rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPayeeMeans/ram:PayeeSpecifiedCreditorFinancialInstitution/ram:BICID	E	0..1		Use for direct debit
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPayeeMeans/ram:PayeeSpecifiedCreditorFinancialInstitution/ram:BICID	E	0..1	STR-3	Use for credit transfer
BG-18	2	0..1	PAYMENT CARD INFORMATION	A group of business terms providing information about card used for payment contemporaneous with invoice issuance.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPayeeMeans/ram:ApplicableTradeSettlementFinancialCard	E	0..1		
BT-87	3	1..1	Payment card primary account number	The Primary Account Number (PAN) of the card used for payment.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPayeeMeans/ram:ApplicableTradeSettlementFinancialCard/ram:ID	E	0..1	CAR-2	
BT-88	3	0..1	Payment card holder name	The name of the payment card holder.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPayeeMeans/ram:ApplicableTradeSettlementFinancialCard/ram:CardholderName	E	0..1		

ID	Level	Card	BT	Desc.	DT	Path	Type	Card	Match	Rules
BG-19	2	0..1	DIRECT DEBIT	A group of business terms to specify a direct debit.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement	E	1..1	STR-3	
BT-89	3	0..1	Mandate reference identifier	Unique identifier assigned by the Payee for referencing the direct debit mandate.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradePaymentTerms/ram:DirectDebitMandateID	E	0..n		
BT-90	3	0..1	Bank assigned creditor identifier	Unique banking reference identifier of the Payee or Seller assigned by the Payee or Seller bank.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:CreditorReferenceID	E	0..1		
BT-91	3	0..1	Debited account identifier	The account to be debited by the direct debit.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPaymentMeans/ram:PayerPartyDebtorFinancialAccount/ram:IBANID	E	0..1		
BG-20	1	0..n	DOCUMENT LEVEL ALLOWANCES	A group of business terms providing information about allowances applicable to the Invoice as a whole.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge	E	0..n	STR-4	ChargeIndicator=false
BT-92	2	1..1	Document level allowance amount	The amount of an allowance, without VAT.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:ActualAmount	E	0..n	CAR-2, CAR-3	
BT-93	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.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:BasisAmount	E	0..1		

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-94	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.	P	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:CalculationPercent	E	0..1		
BT-95	2	1..1	Document level allowance VAT category code	A coded identification of what VAT category applies to the document level allowance.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:CategoryTradeTax/ram:TypeCode	E	0..1		Fixed value "VAT"
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:CategoryTradeTax/ram:CategoryCode	E	0..1		
BT-96	2	0..1	Document level allowance VAT rate	The VAT rate, represented as percentage that applies to the document level allowance.	P	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:CategoryTradeTax/ram:RateApplicablePercent	E	0..1		
BT-97	2	0..1	Document level allowance reason	The reason for the document level allowance, expressed as text.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:Reason	E	0..1		
BT-98	2	0..1	Document level allowance reason code Document level allowance reason code	The reason for the document level allowance, expressed as a code. The reason for the document level allowance, expressed as a code.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:ReasonCode	E	0..1		

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BG-21	1	0..n	DOCUMENT LEVEL CHARGES	A group of business terms providing information about charges and taxes other than VAT, applicable to the Invoice as a whole.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge	E	0..n	STR-4	ChargeIndicator=true
BT-99	2	1..1	Document level charge amount	The amount of a charge, without VAT.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:ActualAmount	E	0..n	CAR-2, CAR-3	
BT-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.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:BasisAmount	E	0..1		
BT-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.	P	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:CalculationPercent	E	0..1		
BT-102	2	1..1	Document level charge VAT category code	A coded identification of what VAT category applies to the document level charge.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:CategoryTradeTax/ram:TypeCode	E	0..1		Fixed value "VAT"
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:CategoryTradeTax/ram:CategoryCode	E	0..1		

ID	Level	Card	BT	Desc.	DT	Path	Type	Card	Match	Rules
BT-103	2	0..1	Document level charge VAT rate	The VAT rate, represented as percentage that applies to the document level charge.	P	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:CategoryTradeTax/ram:RateApplicablePercent	E	0..1		
BT-104	2	0..1	Document level charge reason	The reason for the document level charge, expressed as text.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:Reason	E	0..1		
BT-105	2	0..1	Document level charge reason code	The reason for the document level charge, expressed as a code.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:ReasonCode	E	0..1		
BG-22	1	1..1	DOCUMENT TOTALS	A group of business terms providing the monetary totals for the Invoice.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementHeaderMonetarySummation	E	0..1		
BT-106	2	1..1	Sum of Invoice line net amount	Sum of all Invoice line net amounts in the Invoice.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementHeaderMonetarySummation/ram:LineTotalAmount	E	0..n	CAR-2, CAR-3	
BT-107	2	0..1	Sum of allowances on document level	Sum of all allowances on document level in the Invoice.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:AllowanceTotalAmount	E	0..n	CAR-3	
BT-108	2	0..1	Sum of charges on document level	Sum of all charges on document level in the Invoice.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementHeaderMonetarySummation/ram:ChargeTotalAmount	E	0..n	CAR-3	
BT-109	2	1..1	Invoice total amount without VAT	The total amount of the Invoice without VAT.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementHeaderMonetarySummation/ram:TaxBasisTotalAmount	E	0..n	CAR-2, CAR-3	

ID	Level	Card	BT	Desc.	DT	Path	Type	Card	Match	Rules
BT-110	2	0..1	Invoice total VAT amount	The total VAT amount for the Invoice.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementHeaderMonetarySummation/ram:TaxTotalAmount	E	0..n	STR-4, CAR-3	@currencyID is mandatory to differentiate between VAT amount and VAT amount in accounting currency.
BT-111	2	0..1	Invoice total VAT amount in accounting currency	The VAT total amount expressed in the accounting currency accepted or required in the country of the Seller.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementHeaderMonetarySummation/ram:TaxTotalAmount	E	0..n	STR-4, CAR-3	@currencyID is mandatory to differentiate between VAT amount and VAT amount in accounting currency.
BT-112	2	1..1	Invoice total amount with VAT	The total amount of the Invoice with VAT.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementHeaderMonetarySummation/ram:GrandTotalAmount	E	0..n	CAR-2, CAR-3	
BT-113	2	0..1	Paid amount	The sum of amounts which have been paid in advance.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementHeaderMonetarySummation/ram:TotalPrepaidAmount	E	0..n	CAR-3	
BT-114	2	0..1	Rounding amount	The amount to be added to the invoice total to round the amount to be paid.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementHeaderMonetarySummation/ram:RoundingAmount	E	0..n	CAR-3	
BT-115	2	1..1	Amount due for payment	The outstanding amount that is requested to be paid.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementHeaderMonetarySummation/ram:DuePayableAmount	E	0..n	CAR-2, CAR-3	

ID	Level	Card	BT	Desc.	DT	Path	Type	Card	Match	Rules
BG-23	1	1..n	VAT BREAKDOWN	A group of business terms providing information about VAT breakdown by different categories, rates and exemption reasons		/rsm:GrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableTradeTax	E	0..n	CAR-2	
BT-116	2	1..1	VAT category taxable amount	Sum of all taxable amounts subject to a specific VAT category code and VAT category rate (if the VAT category rate is applicable).	A	/rsm:GrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableTradeTax/ram:BasisAmount	E	0..n	CAR-2, CAR-3	
BT-117	2	1..1	VAT category tax amount	The total VAT amount for a given VAT category.	A	/rsm:GrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableTradeTax/ram:CalculatedAmount	E	0..n	CAR-2, CAR-3	
BT-118	2	1..1	VAT category code	Coded identification of a VAT category.	C	/rsm:GrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableTradeTax/ram:TypeCode	E	0..1		Fixed value "VAT"
						/rsm:GrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableTradeTax/ram:CategoryCode	E	0..1	CAR-2	
BT-119	2	0..1	VAT category rate	The VAT rate, represented as percentage that applies for the relevant VAT category.	P	/rsm:GrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableTradeTax/ram:RateApplicablePercent	E	0..1		
BT-120	2	0..1	VAT exemption reason text	A textual statement of the reason why the amount is exempted from VAT or why no VAT is being charged	T	/rsm:GrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableTradeTax/ram:ExemptionReason	E	0..1		

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-121	2	0..1	VAT exemption reason code	A coded statement of the reason for why the amount is exempted from VAT.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:ApplicableTradeTax/ram:ExemptionReasonCode	E	0..1		
BG-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.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AdditionalReferencedDocument	E	0..n		
BT-122	2	1..1	Supporting document reference	An identifier of the supporting document.	O	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AdditionalReferencedDocument/ram:IssuerAssignedID	E	0..1	CAR-2	Use for "ADDITIONAL SUPPORTING DOCUMENTS" with TypeCode "916"
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AdditionalReferencedDocument/ram:TypeCode	E	0..1	CAR-2	Use for "ADDITIONAL SUPPORTING DOCUMENTS" with TypeCode "916"
BT-123	2	0..1	Supporting document description	A description of the supporting document.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AdditionalReferencedDocument/ram:Name	E	0..n	CAR-3	
BT-124	2	0..1	External document location	The URL (Uniform Resource Locator) that identifies where the external document is located.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AdditionalReferencedDocument/ram:URIID	E	0..1		

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-125	2	0..1	Attached document	An attached document embedded as binary object or sent together with the invoice.	B	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AttachmentBinaryObject	E	0..n	CAR-3	
BT-125-1	3	1..1	Attached document Mime code	The mime code of the attached document.	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AttachmentBinaryObject/@mimeType	A		CAR-2	
BT-125-2	3	1..1	Attached document Filename	The file name of the attached document	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AttachmentBinaryObject/@filename	A		CAR-2	
BG-25	1	1..n	INVOICE LINE	A group of business terms providing information on individual Invoice lines.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem	E	0..n	CAR-2	
BT-126	2	1..1	Invoice line identifier	A unique identifier for the individual line within the Invoice.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:AssociatedDocumentLineDocument/ram:LineID	E	0..1	CAR-2	
BT-127	2	0..1	Invoice line note	A textual note that gives unstructured information that is relevant to the Invoice line.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:AssociatedDocumentLineDocument/ram:IncludedNote/ram:Content	E	0..n	CAR-3	
BT-128	2	0..1	Invoice line object identifier	An identifier for an object on which the invoice line is based, given by the Seller.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:AdditionalReferencedDocument/ram:IssuerAssignedID	E	0..1		Use with TypeCode "130"
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:AdditionalReferencedDocument/ram:TypeCode	E	0..1		TypeCode "130"

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-128-1	3	0..1	Invoice line object identifier identification scheme identifier	The identification scheme identifier of the Invoice line object identifier.	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:AdditionalReferencedDocument/ram:ReferenceTypeCode	E	0..1		
BT-129	2	1..1	Invoiced quantity	The quantity of items (goods or services) that is charged in the Invoice line.	Q	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeDelivery/ram:BilledQuantity	E	0..1	CAR-2	
BT-130	2	1..1	Invoiced quantity unit of measure	The unit of measure that applies to the invoiced quantity.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeDelivery/ram:BilledQuantity/@unitCode	A		CAR-2	
BT-131	2	1..1	Invoice line net amount	The total amount of the Invoice line.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:SpecifiedTradeSettlementLineMonetarySummation/ram:LineTotalAmount	E	0..n	CAR-2, CAR-3	
BT-132	2	0..1	Referenced purchase order line reference	An identifier for a referenced line within a purchase order, issued by the Buyer.	O	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement/ram:BuyerOrderReferencedDocument/ram:LineID	E	0..1		
BT-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.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:ReceivableSpecifiedTradeAccountingAccount/ram:ID	E	1..1	CAR-3	
BG-26	2	0..1	INVOICE LINE PERIOD	A group of business terms providing information about the period relevant for the Invoice line.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:BillingSpecifiedPeriod	E	0..1		
BT-134	3	0..1	Invoice line period start date	The date when the Invoice period for this Invoice line starts.	D	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:BillingSpecifiedPeriod/ram:StartDateTime/udt:DateTimeString	E	1..1	CAR-2	@format="10 2"

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
						/rsm:GrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:BillingSpecifiedPeriod/ram:StartDate/udt:DateTimeString/@format	A			Only value "102"
BT-135	3	0..1	Invoice line period end date	The date when the Invoice period for this Invoice line ends.	D	/rsm:GrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:BillingSpecifiedPeriod/ram:EndDate/udt:DateTimeString	E	1..1		@format="102"
						/rsm:GrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:BillingSpecifiedPeriod/ram:EndDate/udt:DateTimeString/@format	A			Only value "102"
BG-27	2	0..n	INVOICE LINE ALLOWANCES	A group of business terms providing information about allowances applicable to the individual Invoice line.		/rsm:GrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:SpecifiedTradeAllowanceCharge	E	0..n	STR-4	ChargeIndicator=false
BT-136	3	1..1	Invoice line allowance amount	The amount of an allowance, without VAT.	A	/rsm:GrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:ActualAmount	E	0..n	CAR-2	
BT-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.	A	/rsm:GrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:BasisAmount	E	0..1		

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-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.	P	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:CalculationPercent	E	0..1		
BT-139	3	0..1	Invoice line allowance reason	The reason for the Invoice line allowance, expressed as text.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:Reason	E	0..1		
BT-140	3	0..1	Invoice line allowance reason code	The reason for the Invoice line allowance, expressed as a code.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:ReasonCode	E	0..1		
BG-28	2	0..n	INVOICE LINE CHARGES	A group of business terms providing information about charges and taxes other than VAT applicable to the individual Invoice line.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:SpecifiedTradeAllowanceCharge	E	0..n	STR-4	ChargeIndicated=true
BT-141	3	1..1	Invoice line charge amount	The amount of a charge, without VAT.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:ActualAmount	E	0..n	CAR-2	
BT-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.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:BasisAmount	E	0..1		

ID	Level	Card	BT	Desc.	DT	Path	Type	Card	Match	Rules
BT-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.	P	/rsm:GrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:CalculationPercent	E	0..1		
BT-144	3	0..1	Invoice line charge reason	The reason for the Invoice line charge, expressed as text.	T	/rsm:GrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:Reason	E	0..1		
BT-145	3	0..1	Invoice line charge reason code	The reason for the Invoice line charge, expressed as a code.	C	/rsm:GrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:ReasonCode	E	0..1		
BG-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.		/rsm:GrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement	E	0..1	STR-3	
BT-146	3	1..1	Item net price	The price of an item, exclusive of VAT, after subtracting item price discount.	U	/rsm:GrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement/ram:NetPriceProductTradePrice/ram:ChargeAmount	E	1..n	CAR-3	
BT-147	3	0..1	Item price discount	The total discount subtracted from the Item gross price to calculate the Item net price.	U	/rsm:GrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement/ram:GrossPriceProductTradePrice/ram:AppliedTradeAllowanceCharge/ram:ActualAmount	E	0..n	CAR-3	
BT-148	3	0..1	Item gross price	The unit price, exclusive of VAT, before subtracting Item price discount.	U	/rsm:GrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement/ram:GrossPriceProductTradePrice/ram:ChargeAmount	E	1..n	CAR-3	

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-149	3	0..1	Item price base quantity	The number of item units to which the price applies.	Q	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement/ram:GrossPriceProductTradePrice/ram:BasisQuantity	E	0..1	STR-3	
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement/ram:NetPriceProductTradePrice/ram:BasisQuantity	E	0..1	STR-3	
BT-150	3	0..1	Item price base quantity unit of measure code	The unit of measure that applies to the item price base quantity.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement/ram:GrossPriceProductTradePrice/ram:BasisQuantity/@unitCode	A			
BG-30	2	1..1	LINE VAT INFORMATIO N	A group of business terms providing information about the VAT applicable for the goods and services invoiced on the invoice line.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:ApplicableTradeTax	E	0..n	CAR-3	
BT-151	3	1..1	Invoiced item VAT category code	The VAT category code for the invoiced item.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:ApplicableTradeTax/ram:TypeCode	E	0..1		Fixed value "VAT"
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:ApplicableTradeTax/ram:CategoryCode	E	0..1	CAR-2	
BT-152	3	0..1	Invoiced item VAT rate	The VAT rate, represented as percentage that applies to the invoiced item.	P	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:ApplicableTradeTax/ram:RateApplicablePercent	E	0..1		
BG-31	2	1..1	ITEM INFORMATIO N	A group of business terms providing information about the goods and services invoiced.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct	E	0..1	CAR-2	

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-153	3	1..1	Item name	A name for an item.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:Name	E	0..n	CAR-2, CAR-3	
BT-154	3	0..1	Item description	A description for an item.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:Description	E	0..1	CAR-3	
BT-155	3	0..1	Item Seller's identifier	An identifier, assigned by the Seller, for the item.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:SellerAssignedID	E	0..1		
BT-156	3	0..1	Item Buyer's identifier	An identifier, assigned by the Buyer, for the item.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:BuyerAssignedID	E	0..1		
BT-157	3	0..1	Item standard identifier	An item identifier based on a registered scheme.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:GlobalID	E	0..1		
BT-157-1	4	1..1	Item standard identifier identification scheme identifier	The identification scheme identifier of the Item standard identifier	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:GlobalID/@schemeID	A			
BT-158	3	0..n	Item classification identifier	A code for classifying the item by its type or nature.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:DesignatedProductClassification/ram:ClassCode	E	0..1		
BT-158-1	4	1..1	Item classification identifier identification scheme identifier	The identification scheme identifier of the Item classification identifier	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:DesignatedProductClassification/ram:ClassCode/@listID	A		CAR-2	

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-158-2		0..1	Scheme version identifier	The version of the identification scheme.	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:DesignatedProductClassification/ram:ClassCode/@listVersionID	A			
BT-159	3	0..1	Item country of origin	The code identifying the country from which the item originates.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:OriginTradeCountry/ram:ID	E	0..1		
BG-32	3	0..n	ITEM ATTRIBUTES	A group of business terms providing information about properties of the goods and services invoiced.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:ApplicableProductCharacteristic	E	0..n		
BT-160	4	1..1	Item attribute name	The name of the attribute or property of the item.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:ApplicableProductCharacteristic/ram:Description	E	0..n	CAR-2, CAR-3	
BT-161	4	1..1	Item attribute value	The value of the attribute or property of the item.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:ApplicableProductCharacteristic/ram:Value	E	0..n	SYN-2, CAR-2, CAR-3	

Table 3 — UN/CEFACT syntax elements to semantic model mapping (informative)

Path	Card.	ID	Level	Card.	BT	Desc.	DT
/rsm:CrossIndustryInvoice							
/rsm:CrossIndustryInvoice/rsm:ExchangedDocumentContext	1..1	BG-2	1	1..1	PROCESS CONTROL	A group of business terms providing information on the business process and rules applicable to the	
/rsm:CrossIndustryInvoice/rsm:ExchangedDocumentContext/ram:BusinessProcessSpecifiedDocumentContextParameter	0..n						
/rsm:CrossIndustryInvoice/rsm:ExchangedDocumentContext/ram:BusinessProcessSpecifiedDocumentContextParameter/ram:ID	0..1						
/rsm:CrossIndustryInvoice/rsm:ExchangedDocumentContext/ram:GuidelineSpecifiedDocumentContextParameter	0..n						
/rsm:CrossIndustryInvoice/rsm:ExchangedDocumentContext/ram:GuidelineSpecifiedDocumentContextParameter/ram:ID	0..1	BT-24	2	1..1	Specification identifier	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.	I
/rsm:CrossIndustryInvoice/rsm:ExchangedDocument	1..1						
/rsm:CrossIndustryInvoice/rsm:ExchangedDocument/ram:ID	1..1	BT-1	1	1..1	Invoice number	A unique identification of the Invoice.	I
/rsm:CrossIndustryInvoice/rsm:ExchangedDocument/ram:TypeCode	0..1	BT-3	1	1..1	Invoice type code	A code specifying the functional type of the Invoice.	C
/rsm:CrossIndustryInvoice/rsm:ExchangedDocument/ram:IssueDateTime	1..1						
/rsm:CrossIndustryInvoice/rsm:ExchangedDocument/ram:IssueDateTime/udt:DateTimeString	1..1	BT-2	1	1..1	Invoice issue date	The date when the Invoice was issued.	D
/rsm:CrossIndustryInvoice/rsm:ExchangedDocument/ram:IssueDateTime/udt:DateTimeString/@format		BT-2	1	1..1	Invoice issue date	The date when the Invoice was issued.	D

Path	Card.	ID	Level	Card.	BT	Desc.	DT
/rsm:CrossIndustryInvoice/rsm:ExchangedDocument/ram:IncludedNote	0..n	BG-1	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	
/rsm:CrossIndustryInvoice/rsm:ExchangedDocument/ram:IncludedNote/ram:Content	0..n	BT-22	2	1..1	Invoice note	subject. A textual note that gives unstructured information that is relevant to the Invoice as a whole.	T
/rsm:CrossIndustryInvoice/rsm:ExchangedDocument/ram:IncludedNote/ram:SubjectCode	0..1	BT-21	2	0..1	Invoice note subject code	The subject of the following textual note.	C
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction	1..1						
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem	0..n	BG-25	1	1..n	INVOICE LINE	A group of business terms providing information on individual Invoice lines.	
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:AssociatedDocumentLineDocument	1..1						
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:AssociatedDocumentLineDocument/ram:LineID	0..1	BT-126	2	1..1	Invoice line identifier	A unique identifier for the individual line within the Invoice.	I
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:AssociatedDocumentLineDocument/ram:IncludedNote	0..n						
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:AssociatedDocumentLineDocument/ram:IncludedNote/ram:Content	0..n	BT-127	2	0..1	Invoice line note	A textual note that gives unstructured information that is relevant to the Invoice line.	T
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct	0..1	BG-31	2	1..1	ITEM INFORMATION	A group of business terms providing information about the goods and services invoiced.	
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:GlobalID	0..1	BT-157	3	0..1	Item standard identifier	An item identifier based on a registered scheme.	I

Path	Card.	ID	Level	Card.	BT	Desc.	DT
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:GlobalID/@schemeID		BT-157-1	4	1..1	Item standard identifier identification scheme identifier	The identification scheme identifier of the Item standard identifier	S
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:SellerAssignedID	0..1	BT-155	3	0..1	Item Seller's identifier	An identifier, assigned by the Seller, for the item.	I
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:BuyerAssignedID	0..1	BT-156	3	0..1	Item Buyer's identifier	An identifier, assigned by the Buyer, for the item.	I
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:Name	0..n	BT-153	3	1..1	Item name	A name for an item.	T
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:Description	0..1	BT-154	3	0..1	Item description	A description for an item.	T
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:ApplicableProductCharacteristic	0..n	BG-32	3	0..n	ITEM ATTRIBUTES	A group of business terms providing information about properties of the goods and services invoiced.	
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:ApplicableProductCharacteristic/ram:Description	0..n	BT-160	4	1..1	Item attribute name	The name of the attribute or property of the item.	T
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:ApplicableProductCharacteristic/ram:Value	0..n	BT-161	4	1..1	Item attribute value	The value of the attribute or property of the item.	T
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:DesignatedProductClassification	0..1	BT-158	3	0..n	Item classification identifier	A code for classifying the item by its type or nature.	I
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:DesignatedProductClassification/ram:Classification/@listID		BT-158-1	4	1..1	Item classification identifier identification scheme identifier	The identification scheme identifier of the Item classification identifier	S
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:DesignatedProductClassification/ram:Classification/@listVersionID		BT-158-2		0..1	Scheme version identifier	The version of the identification scheme.	S

Path	Card.	ID	Level	Card.	BT	Desc.	DT
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:OriginTradeCountry	0..1						
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedTradeProduct/ram:OriginTradeCountry/ram:ID	0..1	BT-159	3	0..1	Item country of origin	The code identifying the country from which the item originates.	C
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement	0..1	BG-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.	
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement/ram:BuyerOrderReferencedDocument	0..1						
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement/ram:BuyerOrderReferencedDocument/ram:LineID	0..1	BT-132	2	0..1	Referenced purchase order line reference	An identifier for a referenced line within a purchase order, issued by the Buyer.	O
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement/ram:GrossPriceProductTradePrice	0..1						
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement/ram:GrossPriceProductTradePrice/ram:ChargeAmount	1..n	BT-148	3	0..1	Item gross price	The unit price, exclusive of VAT, before subtracting Item price discount.	U
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement/ram:GrossPriceProductTradePrice/ram:BaseQuantity	0..1	BT-149	3	0..1	Item price base quantity	The number of item units to which the price applies.	Q
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement/ram:GrossPriceProductTradePrice/ram:BaseQuantity/@unitCode		BT-150	3	0..1	Item price base quantity unit of measure code	The unit of measure that applies to the Item price base quantity.	C
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement/ram:GrossPriceProductTradePrice/ram:AppliedTradeAllowanceCharge	0..n						
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement/ram:GrossPriceProductTradePrice/ram:AppliedTradeAllowanceCharge/ram:ChargeIndicator	0..1						
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement/ram:GrossPriceProductTradePrice/ram:AppliedTradeAllowanceCharge/ram:ChargeIndicator	1..1						

Path	Card.	ID	Level	Card.	BT	Desc.	DT
pliedTradeAllowanceCharge/ram:ChargeIndicator/udt:Indicator							
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement/ram:GrossPriceProductTradePrice/ram:AppliedTradeAllowanceCharge/ram:ActualAmount	0..n	BT-147	3	0..1	Item price discount	The total discount subtracted from the Item gross price to calculate the Item net price.	U
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement/ram:NetPriceProductTradePrice	0..1						
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement/ram:NetPriceProductTradePrice/ram:ChargeAmount	1..n	BT-146	3	1..1	Item net price	The price of an item, exclusive of VAT, after subtracting item price discount.	U
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement/ram:NetPriceProductTradePrice/ram:BaseQuantity	0..1	BT-149	3	0..1	Item price base quantity	The number of item units to which the price applies.	Q
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement/ram:NetPriceProductTradePrice/ram:BaseQuantity/@unitCode							
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeDelivery	0..1						
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeDelivery/ram:BilledQuantity	0..1	BT-129	2	1..1	Invoiced quantity	The quantity of items (goods or services) that is charged in the Invoice line.	Q
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeDelivery/ram:BilledQuantity/@unitCode		BT-130	2	1..1	Invoiced quantity unit of measure	The unit of measure that applies to the invoiced quantity.	C
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement	1..1						
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:InvoiceIssuerReference	0..1						
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:ApplicableTradeTax	0..n	BG-30	2	1..1	LINE VAT INFORMATION	A group of business terms providing information about the VAT applicable for the goods and services invoiced on the Invoice line.	
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:ApplicableTradeTax/ram:TypeCode	0..1	BT-151	3	1..1	Invoiced item VAT category	The VAT category code for the invoiced item.	C

Path	Card.	ID	Level	Card.	BT	Desc.	DT
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:ApplicableTradeTax/ram:ExemptionReason	0..1				code		
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:ApplicableTradeTax/ram:CategoryCode	0..1	BT-151	3	1..1	Invoiced item VAT category code	The VAT category code for the invoiced item.	C
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:ApplicableTradeTax/ram:RateApplicablePercent	0..1	BT-152	3	0..1	Invoiced item VAT rate	The VAT rate, represented as percentage that applies to the invoiced item.	P
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:BillingSpecifiedPeriod	0..1	BG-26	2	0..1	INVOICE LINE PERIOD	A group of business terms providing information about the period relevant for the Invoice line.	
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:IncludedSupplyChainTradeTime	0..1						
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:IncludedSupplyChainTradeTime/udt:DateTimeString	1..1	BT-134	3	0..1	Invoice line period start date	The date when the Invoice period for this Invoice line starts.	D
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:IncludedSupplyChainTradeTime/udt:DateTimeString/@format		BT-134	3	0..1	Invoice line period start date	The date when the Invoice period for this Invoice line starts.	D
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:IncludedSupplyChainTradeTime/udt:DateTimeString	0..1						
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:IncludedSupplyChainTradeTime/udt:DateTimeString	1..1	BT-135	3	0..1	Invoice line period end date	The date when the Invoice period for this Invoice line ends.	D
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:IncludedSupplyChainTradeTime/udt:DateTimeString		BT-135	3	0..1	Invoice line period end date	The date when the Invoice period for this Invoice line ends.	D
/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:IncludedSupplyChainTradeTime/udt:DateTimeString	0..n	BG-27	2	0..n	INVOICE LINE ALLOWANCES	A group of business terms providing information about allowances applicable to the individual Invoice	