



Message Implementation Guideline

## **ZUGFeRD v1.0**

Incoming Invoice

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# 1. Change history

Document Information					
Changed for Release	Go-Live Date	Version	Segment	Change	Author
WP1 Go Live	09.01.2019	V1.4	N/A	MIG created / GoLive	BMW
Release 2	04.11.2019	V1.5	BusinessProcessSpecifiedDocumentContextParameter HeaderExchangedDocument SellerTradeParty PostalTradeAddress BuyerTradeParty BuyerOrderReferencedDocument ShipToTradeParty DeliveryNoteReferencedDocument SpecifiedTradeSettlementPaymentMeans ApplicableTradeTax SpecifiedTradePaymentTerms	p. 8 – ID – Prozess Code p. 9 – TypeCode – Credit Note negative p. 11 – ID – Length BMW supplier number p. 13 – Seller/Buyer address = R p. 15 – GlobalID p. 18 – ID – Order Number = A p. 21 – GlobalID p. 23 – ID – Delivery Note Number = A p. 26 – SpecifiedTradeSettlementPaymentMeans p. 27 – new ExemptionReason p. 29 – Description - Length Payment Terms Chapter 4.7 - Allowance / Charge Chapter 4.9 - ShipTo - BMW Business Area Code Chapter 4.10 - BMW Business Unit Code	BMW
Release 3	30.11.2020	V1.6	HeaderExchangedDocument - ID	p.9 – Additional Note Chapter 4.8 - Buyer - BMW Company Code Chapter 4.10 - BMW Business Unit Code	

# Important notices

## STATUS

Information about cardinality divergences between e-Invoicing Implementation and ZUGFeRD Standard is provided in chapter 1.

## FORMAT

An XSD file provided with ZUGFeRD Standard defines structure of the ZUGFeRD CII XML version 1.0 and data type attribute for each element. The XSD file does not define length limitation of the element value. Partner is able to send element values without length limitations. However, recommended data formats (lengths, masks, etc.) are provided in this document. Some of elements are limited by provided code lists. The complete lists of ZUGFeRD allowed codes with explanations can be found in chapter 4. For elements limited by ISO Code Lists, references to the corresponding lists are added in CodeList properties.

## 2. Cardinality divergence between E-Invoicing Implementation and ZUGFeRD Standard

Cardinality divergence between E-Invoicing Implementation and ZUGFeRD Standard		
Path to element	ZUGFeRD Standard	E-Invoicing Implementation
CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++SellerTradeParty ++++ID	O	R
CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++SellerTradeParty ++++PostalTradeAddress	A	R
CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++SellerTradeParty ++++PostalTradeAddress +++++PostcodeCode	A	R
CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++SellerTradeParty ++++PostalTradeAddress +++++CountryID	A	R
CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++BuyerTradeParty ++++ID	O	R
CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++BuyerTradeParty ++++GlobalID	O	D
CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++BuyerTradeParty ++++PostalTradeAddress	A	R
CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++BuyerTradeParty ++++PostalTradeAddress +++++PostcodeCode	A	R
CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++BuyerTradeParty ++++PostalTradeAddress +++++CityName	A	R
CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++BuyerTradeParty ++++PostalTradeAddress +++++CountryID	A	R
CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeDelivery +++ShipToTradeParty ++++ID	A	D

CrossIndustryDocument		
+SpecifiedSupplyChainTradeTransaction		
++ApplicableSupplyChainTradeDelivery	A	R
+++ShipToTradeParty		
++++PostalTradeAddress		
CrossIndustryDocument		
+SpecifiedSupplyChainTradeTransaction		
++ApplicableSupplyChainTradeDelivery	A	R
+++ShipToTradeParty		
++++PostalTradeAddress		
+++++PostcodeCode		
CrossIndustryDocument		
+SpecifiedSupplyChainTradeTransaction		
++ApplicableSupplyChainTradeDelivery	A	R
+++ShipToTradeParty		
++++PostalTradeAddress		
+++++CityName		
CrossIndustryDocument		
+SpecifiedSupplyChainTradeTransaction		
++ApplicableSupplyChainTradeDelivery	A	R
+++ShipToTradeParty		
++++PostalTradeAddress		
+++++CountryID		
CrossIndustryDocument		
+SpecifiedSupplyChainTradeTransaction		
++ApplicableSupplyChainTradeSettlement	O	D
+++InvoiceeTradeParty		
CrossIndustryDocument		
+SpecifiedSupplyChainTradeTransaction		
++ApplicableSupplyChainTradeSettlement	A	R
+++InvoiceeTradeParty		
++++PostalTradeAddress		
CrossIndustryDocument		
+SpecifiedSupplyChainTradeTransaction		
++ApplicableSupplyChainTradeSettlement	A	R
+++InvoiceeTradeParty		
++++PostalTradeAddress		
+++++PostcodeCode		
CrossIndustryDocument		
+SpecifiedSupplyChainTradeTransaction		
++ApplicableSupplyChainTradeSettlement	A	R
+++InvoiceeTradeParty		
++++PostalTradeAddress		
+++++CityName		
CrossIndustryDocument		
+SpecifiedSupplyChainTradeTransaction		
++ApplicableSupplyChainTradeSettlement	A	R
+++InvoiceeTradeParty		
++++PostalTradeAddress		
+++++CountryID		
CrossIndustryDocument		
+SpecifiedSupplyChainTradeTransaction		
++IncludedSupplyChainTradeLineItem	A	R
+++SpecifiedSupplyChainTradeAgreement		
++++NetPriceProductTradePrice		
CrossIndustryDocument		
+SpecifiedSupplyChainTradeTransaction		
++IncludedSupplyChainTradeLineItem	A	R
+++SpecifiedSupplyChainTradeDelivery		
CrossIndustryDocument		
+SpecifiedSupplyChainTradeTransaction		
++IncludedSupplyChainTradeLineItem	A	R
+++SpecifiedTradeProduct		

### 3. The ZUGFeRD schema

Cardinality	Element/Attribute	Business term / Properties
1 .. 1	<b>CrossIndustryDocument</b>	
1 .. 1	<b>SpecifiedExchangedDocumentContext</b>	<b>Grouping of message based properties</b>
	<b>ext</b>	Status: <b>R</b>
1 .. 1	<b>TestIndicator</b>	<b>Test indicator</b>
0 .. 1		Remark: The test indicator can be used when implementing a newly developed system. It is to mark the invoice as a "test" and thus not leading to vat issues.
		Status: <b>O</b>
1 .. 1	<b>Indicator</b>	<b>Test indicator, value</b>
1 .. 1	xs:boolean	Path to element: CrossIndustryDocument +SpecifiedExchangedDocumentContext ++TestIndicator +++Indicator Remark: false = productive invoice message, true = test invoice message Example: <b>false</b> Status: <b>R</b> CodeList: <b>false, true</b> Profile: <b>COMFORT and upwards</b>
0 .. 1	<b>BusinessProcessSpecifiedDocumentContextParameter</b>	<b>Grouping of business context information</b>
		Status: <b>O</b>
1 .. 1	<b>ID</b>	<b>Business process, value</b>
0 .. 1	udt:IDType	Path to element: CrossIndustryDocument +SpecifiedExchangedDocumentContext ++BusinessProcessSpecifiedDocumentContextParameter +++ID Example: <b>INC</b> Status: <b>O</b> CodeList: <b>INC</b> Profile: <b>EXTENDED only</b>
1 .. 1	<b>GuidelineSpecifiedDocumentContextParameter</b>	<b>Grouping of guideline information</b>
		Status: <b>R</b>
1 .. 1	<b>ID</b>	<b>Guideline</b>
1 .. 1	udt:IDType	Path to element: CrossIndustryDocument +SpecifiedExchangedDocumentContext ++GuidelineSpecifiedDocumentContextParameter +++ID Synonym: <i>Profile</i> Remark: case sensitive and version dependent Example: <b>urn:ferd:CrossIndustryDocument:invoice:1p0:extended</b> Status: <b>R</b> CodeList: ZUGFeRD extended: <b>urn:ferd:CrossIndustryDocument:invoice:1p0:extended</b> , ZUGFeRD comfort: <b>urn:ferd:CrossIndustryDocument:invoice:1p0:comfort</b>

Cardinality	Element/Attribute	Business term / Properties
1 .. 1	<b>HeaderExchangedDocument</b>	<b>Grouping of properties regarding the whole document</b> Status: <b>R</b>
1 .. 1	<b>xsd:sequence</b>	
1 .. 1	<b>ID</b> udt:IDType	<b>Invoice identifier, value</b> Path to element: CrossIndustryDocument +HeaderExchangedDocument ++ID Remark: BMW cannot process invoice numbers with leading zero. Please remove lading zeros in the invoice number. Example: <b>7412B563579935</b> Status: <b>R</b> Recommended format: <b>X(16)</b> Profile: <b>COMFORT and upwards</b>
1 .. 1	<b>Name</b> udt:TextType	<b>Document name (free text), value</b> Path to element: CrossIndustryDocument +HeaderExchangedDocument ++Name Example: <b>Commercial invoice</b> Status: <b>R</b> Recommended format: <b>X(1280)</b> Profile: <b>COMFORT and upwards</b>
1 .. 1	<b>TypeCode</b> qdt:DocumentCodeType	<b>Document type (Code), value</b> Path to element: CrossIndustryDocument +HeaderExchangedDocument ++TypeCode Remark: The complete list of ZUGFeRD allowed codes with explanations can be found in chapter 4.2 For credit ntoes / canellations BMW expects negative amounts Example: <b>380</b> Status: <b>R</b> CodeList: <b>380, 84</b> Profile: <b>COMFORT and upwards</b>
1 .. 1	<b>IssueDateTime</b>	<b>Invoice date</b> Status: <b>R</b>
1 .. 1	<b>xsd:choice</b>	
1 .. 1	<b>DateTimeString</b> extension (xsd:string)	<b>Invoice date, value</b> Path to element: CrossIndustryDocument +HeaderExchangedDocument ++IssueDateTime +++DateTimeString Synonym: <i>Document date</i> Example: <b>20160420</b> Status: <b>R</b> Recommended format: <b>CCYYMMDD</b> Profile: <b>COMFORT and upwards</b>
required ..	<b>format</b>	Date, format CodeList: <b>102 (CCYYMMDD)</b> Status: <b>R</b> Profile: <b>COMFORT and upwards</b>
0 .. 1	<b>CopyIndicator</b>	<b>Copy indicator</b> Remark: Will, for instance, be set to 'true' if the recipient explicitly asks for resending. Apart from that, this information is required only if it is not an identical copy. Status: <b>D</b>
1 .. 1	<b>xsd:choice</b>	
1 .. 1	<b>Indicator</b> xs:boolean	<b>Copy indicator, value</b> Path to element: CrossIndustryDocument



					+HeaderExchangedDocument ++CopyIndicator +++Indicator Remark: false = original, true = copy Example: false Status: <b>R</b> CodeList: false, true Profile: <b>COMFORT and upwards</b>
0 .. unbounded	IncludedNote	Free text on header level	Status: <b>A</b>		
1 .. 1	xsd:sequence				
1 .. unbounded	Content udt:TextType	Free text on header level (content)			
		Path to element: CrossIndustryDocument +HeaderExchangedDocument ++IncludedNote +++Content Example: Vorsitzender des Aufsichtsrates : Norbert Reithofer; Vorstand: Harald Krüger ; Vorsitzender: Milagros Caiña Carreiro- Andree, Klaus Fröhlich, Pieter Nota, Nicolas Peter, Peter Schwarzenbauer, Andreas Wendt, Oliver Zipse ; Steuernummer: 143/301/01130 ; Firmensitz: München ; Handelsregister: München HRB 42243; VATID: DE129273398 ; registered capital: 1234567.00; Tel. : +49 89382-0 Fax. : +49 89 382-70- 25858 ; www.bmwgroup.com Status: <b>R</b> Recommended format: <b>X(1280)</b> Profile: <b>COMFORT and upwards</b>			
0 .. 1	SubjectCode udt:CodeType	Free text on header level (qualifying the type of text), value			
		Path to element: CrossIndustryDocument +HeaderExchangedDocument ++IncludedNote +++SubjectCode Remark: The complete list of ZUGFeRD allowed codes with explanations can be found in chapter 4.3 . “REG” used for Legal information mandatory for Germany <b>BMW recommend the use of following key words:</b> „Vorstand:“ ; „Geschäftsführer:“ ; „Vorsitzender des Aufsichtsrates:“; „Firmensitz:“ ; „Handelsregister:“ „Steuernummer:“ ; „VATID:“ “management board:” “CEO:” ; “chairman of supervisory board:” ; “legal seat:” ; “trade register:” ; “tax id:” ; “VATID:” ; “registered capital” If you want to separate key words, please use “,” as separator / information terminator. You may use commas “,” between separators “,” to list information. See sample above More samples can be found in chapter 4.0 Please check also the notes for “Tax Deputy” in chapter 4.0 If you use different key words this could lead to rejections due to invoice validation checks if this information is mandatory for the country. See also remark in Code List for code AAK and “early payment” Example: (empty) Status: <b>D</b> CodeList: (empty), REG , AAK Profile: <b>COMFORT and upwards</b>			
1 .. 1	SpecifiedSupplyChainTradeTransac tion	Grouping information of trade transaction	Status: <b>R</b>		
1 .. 1	xsd:sequence				
1 .. 1	ApplicableSupplyChainTradeAgr reement	Grouping on trade agreement	Status: <b>R</b>		
1 .. 1	xsd:sequence				

1 .. 1	<b>SellerTradeParty</b>	<b>Seller (=service provider)</b> Synonym: <i>The seller (=taxable person) is, by default, also the invoice issuer, the originator of the invoice, the supplier and the payee. If some of these roles have been transferred to other people, these must be defined separately.</i> Status: <b>R</b>
1 .. 1	<b>xsd:sequence</b>	
1 .. 1	<b>ID</b> udt:IDType	<b>Seller ID, value</b> Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++SellerTradeParty ++++ID Synonym: <i>Supplier identification assigned by the customer</i> Remark: The seller's ID is a unique identifier assigned to the seller and agreed on a bilateral basis. Example: 31084916 Status: <b>R</b> Recommended format: <b>X(8)</b> Profile: <b>COMFORT and upwards</b>
1 .. 1	<b>Name</b> udt:TextType	<b>(Company) name of the seller, value</b> Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++SellerTradeParty ++++Name Example: Lieferant GmbH Status: <b>R</b> Recommended format: <b>X(140)</b> Profile: <b>COMFORT and upwards</b>

Cardinality	Element/Attribute	Business term / Properties
0 .. 1	<b>DefinedTradeContact</b>	<b>Details on the seller's contact person</b> Status: <b>O</b>
1 .. 1	<b>xsd:sequence</b>	
0 .. 1	<b>PersonName</b> udt:TextType	<b>Contact person name, value</b> Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++SellerTradeParty ++++DefinedTradeContact +++++PersonName Remark: If the contact is defined, either the Name or Department must occur. Example: Person Name Status: <b>D</b> Recommended format: <b>X(35)</b> Profile: <b>EXTENDED only</b>
0 .. 1	<b>DepartmentName</b> udt:TextType	<b>Department Name, value</b> Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++SellerTradeParty ++++DefinedTradeContact +++++DepartmentName Remark: If the contact is defined, either the Name or Department must occur. Example: Accounting Status: <b>D</b> Recommended format: <b>X(17)</b> Profile: <b>EXTENDED only</b>

Cardinality	Element/Attribute	Business term / Properties
1 .. 1	TelephoneUniversalCommunication	Details of the phone number Status: <b>O</b>
1 .. 1	xsd:sequence	
1 .. 1	CompleteNumber udt:TextType	Phone number, value Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++SellerTradeParty ++++DefinedTradeContact +++++TelephoneUniversalCommunication ++++++CompleteNumber Remark: Usage of an international format is advised. Example: +49 (123) 555222555 Status: <b>R</b> Recommended format: <b>X(100)</b> Profile: <b>EXTENDED only</b>
0 .. 1	FaxUniversalCommunication	Details of the fax number Status: <b>O</b>
1 .. 1	xsd:sequence	
1 .. 1	CompleteNumber udt:TextType	Fax number, value Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++SellerTradeParty ++++DefinedTradeContact +++++FaxUniversalCommunication ++++++CompleteNumber Example: +49 (123) 11112222 Status: <b>R</b> Recommended format: <b>X(100)</b> Profile: <b>EXTENDED only</b>
0 .. 1	EmailURIUniversalCommunication	Details on email Status: <b>O</b>
1 .. 1	xsd:sequence	
1 .. 1	URIID udt:IDType	Email, value Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++SellerTradeParty ++++DefinedTradeContact +++++EmailURIUniversalCommunication ++++++URIID Example: sellermail@mail.com Status: <b>R</b> Recommended format: <b>X(100)</b> Profile: <b>EXTENDED only</b>
1 .. 1	PostalTradeAddress	Details on address Status: <b>R</b>
1 .. 1	xsd:sequence	
1 .. 1	PostcodeCode udt:CodeType	Postcode, value Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++SellerTradeParty ++++PostalTradeAddress +++++PostcodeCode Example: 13629 Status: <b>R</b> Recommended format: <b>X(17)</b> Profile: <b>COMFORT and upwards</b>

Cardinality	Element/Attribute	Business term / Properties
1 .. 1	<b>LineOne</b> udt:TextType	<b>Line one, value</b>  Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++SellerTradeParty ++++PostalTradeAddress +++++LineOne  Remark: Indication of street or postal box. For addresses indicating the postcode and locality, "-" must be entered.  Example: <a href="#">Lieferantenstraße 20</a> Status: <b>R</b> Recommended format: <b>X(70)</b> Profile: <b>COMFORT and upwards</b>
1 .. 1	<b>CityName</b> udt:TextType	<b>City, value</b>  Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++SellerTradeParty ++++PostalTradeAddress +++++CityName  Example: <a href="#">Berlin</a> Status: <b>R</b> Recommended format: <b>X(35)</b> Profile: <b>COMFORT and upwards</b>
1 .. 1	<b>CountryID</b> qdt:CountryIDType	<b>Country (Code), value</b>  Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++SellerTradeParty ++++PostalTradeAddress +++++CountryID  Example: <a href="#">DE</a> Status: <b>R</b> CodeList: <b>Codelist ISO 3166-1 alpha-2 is used.</b>  Profile: <b>COMFORT and upwards</b>

Cardinality	Element/Attribute	Business term / Properties
0 .. unbounded	<b>SpecifiedTaxRegistration</b>	<b>Tax registration details</b>
1 .. 1	<b>xsd:sequence</b>	Status: <b>A</b>
0 .. 1	<b>ID</b> udt:IDType	<b>(Local) tax Id, value</b> <b>VAT Id, value</b>  Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++SellerTradeParty ++++SpecifiedTaxRegistration +++++ID  Remark: In case of Seller's country code is DE, Seller's VAT Registration Number or Seller's Fiscal Number is mandatory. In case of Seller's country code belongs to European Union (EU), Seller's VAT Registration Number is mandatory and Seller's Fiscal Number is optional. In case of Seller's country code does not belong to European Union (EU), both Seller's VAT Registration Number and Seller's Fiscal Number are optional.  Example: <a href="#">DE129274000</a> <a href="#">999999999</a> Status: <b>D</b> <b>D</b> Recommended format: <b>X(35)</b> <b>X(35)</b>

Profile: **COMFORT and upwards**

required  
..

—schemeID

Type of tax identifier  
Synonym: VAT Id, tax Id  
CodeList: **VA, FC**  
Status: **R**  
Profile: **COMFORT and upwards**

1 .. 1

<b>BuyerTradeParty</b>	<b>Buyer (=service recipient)</b> Synonym: <i>The buyer (=customer) is, by default, also the ship-to-party, the invoicee and the payee. If some of these roles have been transferred to other people, these must be defined separately.</i> Status: <b>R</b>
------------------------	--

1 .. 1

—xsd:sequence

1 .. 1

—ID

udt:IDType

**Buyer ID, value**

Path to element: CrossIndustryDocument  
+SpecifiedSupplyChainTradeTransaction  
++ApplicableSupplyChainTradeAgreement  
+++BuyerTradeParty  
++++ID  
Remark: Full list of BMW Company Codes is in chapter 4.8 or 11.1 of BMW\_eInvoicing\_EDI\_Implementation\_Guideline\_ZUGFeRD\_v1.2\_EN.pdf  
Example: **A1**  
Status: **R**  
CodeList: **A1, B7, MU, C5, S5, LG, FE, UH, U0, RK**  
Profile: **COMFORT and upwards**

0 .. 2

—GlobalID

udt:IDType

**Global identifier of the BMWComanyArea, value**

Path to element: CrossIndustryDocument  
+SpecifiedSupplyChainTradeTransaction  
++ApplicableSupplyChainTradeAgreement  
+++BuyerTradeParty  
++++GlobalID  
Remark: **BMW Business Area Code:** For partners using "Comfort" format: (1<sup>st</sup> occurrence GlobalID)  
List of Business Areas is in chapter 4.9 and in chapter 11.2 of BMW\_eInvoicing\_EDI\_Implementation\_Guideline\_ZUGFeRD\_v.1.2\_EN.pdf  
**IF BuyerTradeParty – ID = "A1" then GlobalID is required / mandatory for Profile / version "Comfort". GlobalID is "Can / Optional" for version "extended". BMW ignore GlobalID for version "extended". See ShipToTradeParty – ID – page 17 then**  
  
**BMW Business Unit Code:** For partners using "Comfort" format: (2<sup>nd</sup> occurrence GlobalID)  
List of Business Areas is in chapter 4.10 and in chapter 11.3 of BMW\_eInvoicing\_EDI\_Implementation\_Guideline\_ZUGFeRD\_v.1.2\_EN.pdf  
**IF BMW Business Area Code != "A1" (like "LX" for Niederlassung Leipzig) then BMW Business Unit is required / mandatory for Profile / version "Comfort". GlobalID is "Can / Optional" for version "extended". For version "extended" see ShipToTradeParty – GlobalID – page 18 then**

Example: **LX**  
**LXA**

Status: **D**  
Format: **X(3)**  
Profile: **COMFORT and upwards**

required  
..

—schemeID

Type of global identifier  
CodeList: **0149 (BMW Business Area)**  
**0015 (BMW Business Unit)**

Status: **R**  
Profile: **COMFORT and upwards**

1 .. 1

—Name

udt:TextType

**(Company) name of the buyer, value**

Path to element: CrossIndustryDocument  
 +SpecifiedSupplyChainTradeTransaction  
 ++ApplicableSupplyChainTradeAgreement  
 +++BuyerTradeParty  
 ++++Name

Example: Bayerische Motoren Werke AG

Status: R

Recommended format: X(140)

Profile: COMFORT and upwards

Cardinality	Element/Attribute	Business term / Properties
0 .. 1	DefinedTradeContact	Details on the buyer's contact person
	Status: O	

1 .. 1	xsd:sequence	
0 .. 1	PersonName	Contact person name, value
	udt:TextType	
	Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++BuyerTradeParty ++++DefinedTradeContact +++++PersonName	
	Remark: If the contact is defined, either the Name or Department must occur.	
	Example: Karin	
	Status: D	
	Recommended format: X(35)	
	Profile: EXTENDED only	

0 .. 1	DepartmentName	Department name, value
	udt:TextType	
	Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++BuyerTradeParty ++++DefinedTradeContact +++++DepartmentName	
	Remark: If the contact is defined, either the Name or Department must occur.	
	Example: Accounting	
	Status: D	
	Recommended format: X(17)	
	Profile: EXTENDED only	

0 .. 1	TelephoneUniversalCommunication	Details of the phone number
	Status: O	

1 .. 1	xsd:sequence	
1 .. 1	CompleteNumber	Phone number, value
	udt:TextType	
	Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++BuyerTradeParty ++++DefinedTradeContact +++++TelephoneUniversalCommunication +++++CompleteNumber	
	Remark: Usage of an international format is advised.	
	Example: +49 (123) 456789-0	
	Status: R	
	Recommended format: X(100)	
	Profile: EXTENDED only	

0 .. 1	FaxUniversalCommunication	Details of the fax number
	Status: O	

1 .. 1	xsd:sequence	
1 .. 1	CompleteNumber	Fax number, value
	udt:TextType	
	Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++BuyerTradeParty	

+++++DefinedTradeContact  
 +++++FaxUniversalCommunication  
 +++++CompleteNumber  
 Example: 123123123  
 Status: **R**  
 Recommended format: **X(100)**  
 Profile: **EXTENDED only**

Cardinality	Element/Attribute	Business term / Properties
0 .. 1	EmailURIUniversalCommunication	Details on email
		Status: <b>O</b>
1 .. 1	xsd:sequence	
1 .. 1	URIID	Email, value
	udt:IDType	
		Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++BuyerTradeParty ++++DefinedTradeContact ++++EmailURIUniversalCommunication ++++URIID Example: byuermail@mail.de Status: <b>R</b> Recommended format: <b>X(100)</b> Profile: <b>EXTENDED only</b>
1 .. 1	PostalTradeAddress	Details on address
		Status: <b>R</b>
1 .. 1	xsd:sequence	
1 .. 1	PostcodeCode	Postcode, value
	udt:CodeType	
		Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++BuyerTradeParty ++++PostalTradeAddress ++++PostcodeCode Example: 80788 Status: <b>R</b> Recommended format: <b>X(17)</b> Profile: <b>COMFORT and upwards</b>
1 .. 1	LineOne	Line one, value
	udt:TextType	
		Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++BuyerTradeParty ++++PostalTradeAddress ++++LineOne Remark: Indication of street or postal box. For addresses indicating the postcode and locality, "-" must be entered. Example: Petuelring 130 Status: <b>R</b> Recommended format: <b>X(70)</b> Profile: <b>COMFORT and upwards</b>
1 .. 1	CityName	City
	udt:TextType	
		Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++BuyerTradeParty ++++PostalTradeAddress ++++CityName Example: München Status: <b>R</b> Recommended format: <b>X(35)</b> Profile: <b>COMFORT and upward</b>



Cardinality	Element/Attribute	Business term / Properties
1 .. 1	<b>CountryID</b> qdt:CountryIDType	<b>Country (Code), value</b>  Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++BuyerTradeParty ++++PostalTradeAddress +++++CountryID  Example: <b>DE</b> Status: <b>R</b> CodeList: <b>Codelist ISO 3166-1 alpha-2 is used.</b> Profile: <b>COMFORT and upwards</b>
0 .. unbounded	<b>SpecifiedTaxRegistration</b>	<b>Tax registration details</b> Status: <b>A</b>
1 .. 1	<b>xsd:sequence</b>	
0 .. 1	<b>ID</b> udt:IDType	<b>(Local) tax Id, value</b> <b>VAT Id, value</b>  Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++BuyerTradeParty ++++SpecifiedTaxRegistration +++++ID  Remark: A Core Invoice that contains VAT category code with code value "AE" MUST contain Sellers VAT identification and Buyer Tax identification.  Example: <b>DE129273398</b> <b>143/301/01130</b> Status: <b>D</b>  Recommended format: <b>X(35)</b> <b>X(35)</b> Profile: <b>COMFORT and upwards</b>
required ..	<b>schemeID</b>	Type of tax identifier Synonym: VAT Id, tax Id CodeList: <b>VA, FC</b> Status: <b>R</b> Profile: <b>COMFORT and upwards</b>

Cardinality	Element/Attribute	Business term / Properties
1 .. 1	<b>BuyerOrderReferencedDocument</b>	<b>Details on corresponding order</b> Status: <b>A</b>
1 .. 1	<b>xsd:sequence</b>	
0 .. 1	<b>IssueDateTime</b> qdt:DateMandatoryDateTimeType	<b>Order date, value</b>  Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++BuyerOrderReferencedDocument ++++IssueDateTime  Example: <b>2016-04-19T00:00:00</b> Status: <b>O</b> Recommended format: <b>CCYY-MM-DDTHH:MM:SS</b> Profile: <b>COMFORT and upwards</b>
1 .. 1	<b>ID</b> udt:IDType	<b>Order number, value</b>  Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++BuyerOrderReferencedDocument ++++ID  Remark: Please send the BMW order number only. Don't send additional text like "F37PNPF vom 01.01.2019" etc. For BMW Company Code A1, MU und B7 the order



number must match one of these formats:

- 10-characters numeric
- 7-characters numeric
- 7-characters alphanumeric

For different BMW Company Codes like C5 and S5 there is no special requirement. The order number is needed to process the invoices automated on BMW side. As alternative you can send the delivery note number.

Example: F37PNPF

Status: R

Recommended format: X(16)

Profile: COMFORT and upwards

Cardinality	Element/Attribute	Business term / Properties
0 .. unbounded	<b>AdditionalReferencedDocument</b>	<b>Details on additional referenced document</b>
		Status: O
1 .. 1	<b>xsd:sequence</b>	
1 .. 1	<b>TypeCode</b>	<b>Type of referenced document, value</b>
	qdt:DocumentCodeType	
	Path to element:	CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++AdditionalReferencedDocument ++++TypeCode
	Remark:	The complete list of ZUGFeRD allowed codes with explanations can be found in chapter 4.4.
	Example:	OI
	Status:	R
	CodeList:	OI, AJS
	Profile:	EXTENDED only
1 .. 1	<b>ID</b>	<b>Document number, value</b>
	udt:IDType	
	Path to element:	CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeAgreement +++AdditionalReferencedDocument ++++ID
	Example:	F111N22
	Status:	R
	Recommended format:	X(70)
	Profile:	EXTENDED only

Cardinality	Element/Attribute	Business term / Properties
0 .. 1	<b>ApplicableSupplyChainTradeDelivery</b>	<b>Grouping on delivery information</b>
		Status: R
1 .. 1	<b>xsd:sequence</b>	
0 .. 1	<b>ShipToTradeParty</b>	<b>Details on alternative ship to</b>
		Status: D
1 .. 1	<b>xsd:sequence</b>	
0 .. 1	<b>ID</b>	<b>Identification of ship to, value</b>
	udt:IDType	
	Path to element:	CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeDelivery +++ShipToTradeParty ++++ID
	Remark:	List of Business Areas is in chapter 4.9 and 11.2 of BMW_eInvoicing EDI Implementation Guideline_ZUGFeRD_v.1.2_EN.pdf IF BuyerTradeParty – ID = "A1" then ShipTo – ID is required / mandatory for Profile/version "extended". For version "comfort" it's can / optional and please see GlobalID page 13

Example: LX  
 Status: D  
 CodeList: A1, BC, BX, DG, DX, FX, HH, HX, LX, MX, NG, NX, RX, SX, XA  
 Profile: EXTENDED only

0 .. 1

**GlobalID**  
 udt:IDType

**Global Identifier des Käufers -, Wert**

Path to element: CrossIndustryDocument  
 +SpecifiedSupplyChainTradeTransaction  
 ++ApplicableSupplyChainTradeDelivery  
 +++ShipToTradeParty  
 ++++GlobalID

Remark: **BMW Business Unit Code:**  
 List of all Unit Codes is in chapter 4.10 and 11.3 of BMW\_e-Invoicing\_EDI\_Implementation\_Guideline\_ZUGFeRD\_v.1.2\_EN.pdf  
**IF BMW Business Area != "A1" then ShiptToTradeParty – GlobalID is required / mandatory for Profile/version "extended". For version "comfort" it's can / optional and please see GlobalID page 13**

Example: LXA

Status: D

Recommended format: X(3)

Profile: nur EXTENDED

1 .. 1

**Name**  
 udt:TextType

**(Company) name of ship to, value**

Path to element: CrossIndustryDocument  
 +SpecifiedSupplyChainTradeTransaction  
 ++ApplicableSupplyChainTradeDelivery  
 +++ShipToTradeParty  
 ++++Name

Example: Zentrale, Werke und Sparten

Status: R

Recommended format: X(70)

Profile: EXTENDED only

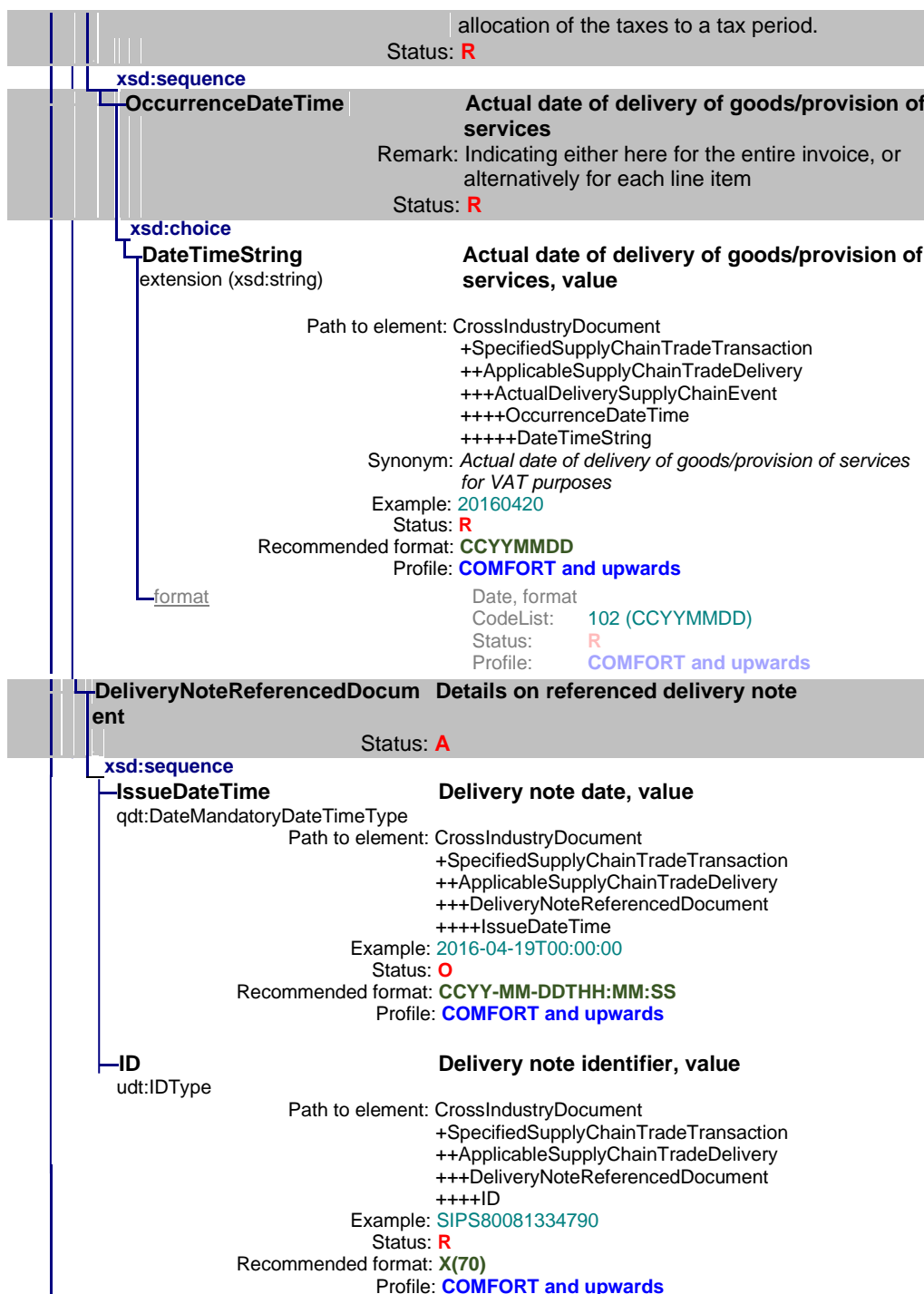
Cardinality	Element/Attribute	Business term / Properties
1 .. 1	<b>PostalTradeAddress</b>	<b>Details on address</b>
		Status: R
1 .. 1	xsd:sequence	
1 .. 1	<b>PostcodeCode</b>	<b>Postcode, value</b>
	udt:CodeType	
		Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeDelivery +++ShipToTradeParty ++++PostalTradeAddress +++++PostcodeCode
		Example: 80788
		Status: R
		Recommended format: X(17)
		Profile: EXTENDED only
0 .. 1	<b>LineOne</b>	<b>Line one, value</b>
	udt:TextType	
		Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeDelivery +++ShipToTradeParty ++++PostalTradeAddress +++++LineOne
		Remark: Indication of street or postal box. For addresses indicating the postcode and locality, "-" must be entered.
		Example: Knorrstraße 147
		Status: A
		Recommended format: X(70)
		Profile: EXTENDED only






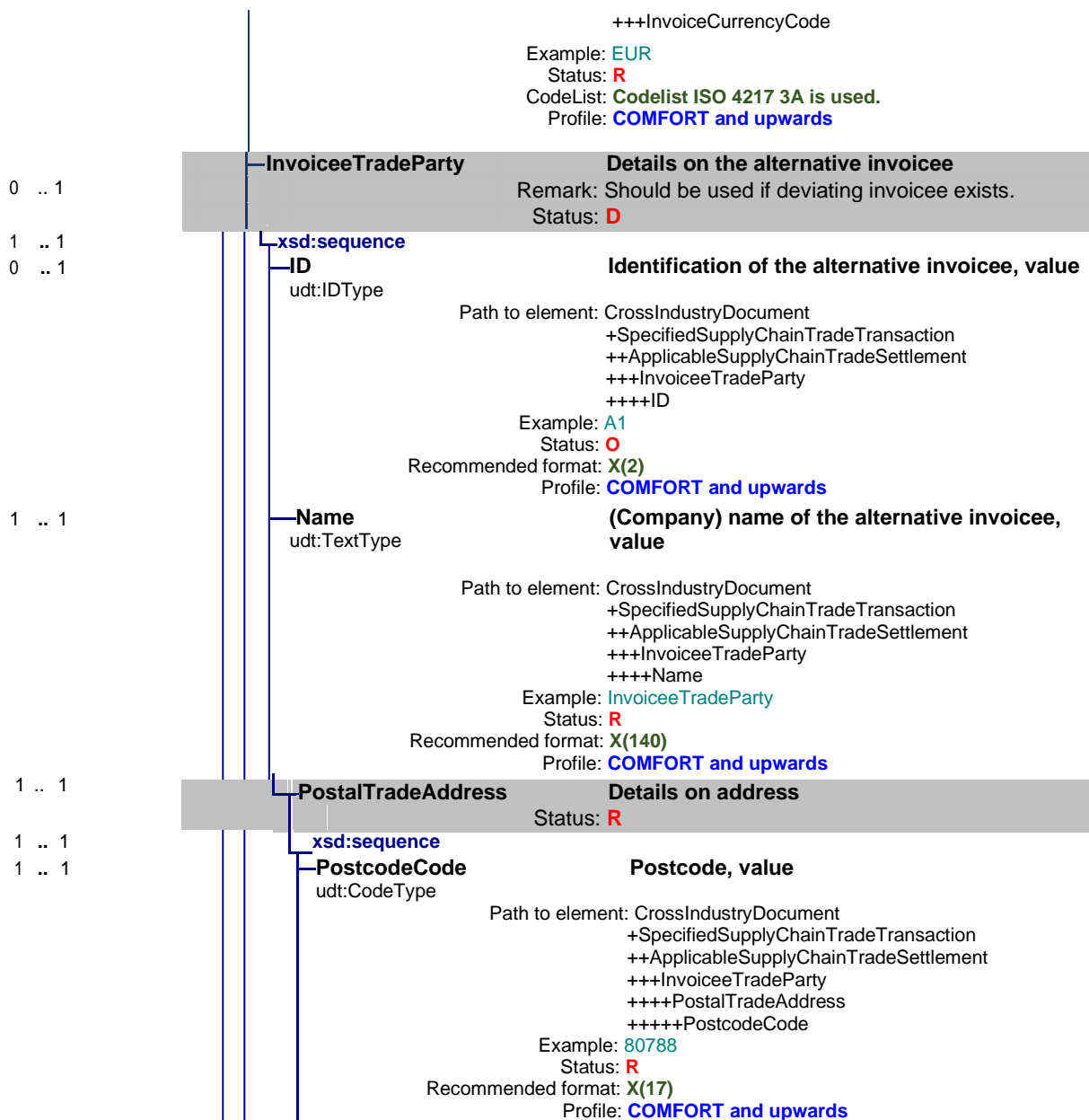
1 .. 1	<b>CityName</b> udt:TextType	<b>City, value</b>  Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeDelivery +++ShipToTradeParty ++++PostalTradeAddress ++++CityName  Example: München Status: R Recommended format: X(35) Profile: EXTENDED only
1 .. 1	<b>CountryID</b> qdt:CountryIDType	<b>Country (Code), value</b>  Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeDelivery +++ShipToTradeParty ++++PostalTradeAddress ++++CountryID  Example: DE Status: R CodeList: Codelist ISO 3166-1 alpha-2 is used. Profile: EXTENDED only
Cardinality	Element/Attribute	Business term / Properties
0 .. 1	<b>ShipFromTradeParty</b>	<b>Identification of the alternative ship from</b> Status: O
1 .. 1	xsd:sequence	
0 .. 1	<b>ID</b> udt:IDType	<b>Identification of the ship from, value</b>  Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeDelivery +++ShipFromTradeParty ++++ID  Example: 31084916 Status: O Recommended format: X(8) Profile: EXTENDED only
1 .. 1	<b>Name</b> udt:TextType	<b>(Company) name of the ship from, value</b>  Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeDelivery +++ShipFromTradeParty ++++Name  Example: ShipFrom Name Status: R Recommended format: X(140) Profile: EXTENDED only
0 .. 1	<b>PostalTradeAddress</b>	<b>Details on address</b> Status: A
1 .. 1	xsd:sequence	
0 .. 1	<b>PostcodeCode</b> udt:CodeType	<b>Postcode, value</b>  Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeDelivery +++ShipFromTradeParty ++++PostalTradeAddress ++++PostcodeCode  Example: 13629 Status: A Recommended format: X(17) Profile: EXTENDED only
0 .. 1	<b>LineOne</b>	<b>Line one, value</b>

	udt:TextType	Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeDelivery +++ShipFromTradeParty ++++PostalTradeAddress +++++LineOne Remark: Indication of street or postal box. For addresses indicating the postcode and locality, "-" must be entered. Example: <b>Nonnendammallee 101</b> Status: <b>A</b> Recommended format: <b>X(70)</b> Profile: <b>EXTENDED only</b>
Cardinality	Element/Attribute	Business term / Properties
0 .. 1	<b>CityName</b> udt:TextType	<b>City, value</b> Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeDelivery +++ShipFromTradeParty ++++PostalTradeAddress +++++CityName Example: <b>Berlin</b> Status: <b>A</b> Recommended format: <b>X(35)</b> Profile: <b>EXTENDED only</b>
0 .. 1	<b>CountryID</b> qdt:CountryIDType	<b>Country (Code), value</b> Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeDelivery +++ShipFromTradeParty ++++PostalTradeAddress +++++CountryID Example: <b>DE</b> Status: <b>A</b> CodeList: <b>Codelist ISO 3166-1 alpha-2 is used.</b> Profile: <b>EXTENDED only</b>
0 .. unbounded	<b>SpecifiedTaxRegistration</b>	<b>Details on tax registration</b> Status: <b>O</b>
1 .. 1	<b>xsd:sequence</b>	
0 .. 1	<b>ID</b> udt:IDType	<b>(Local) tax Id, value</b> <b>VAT Id, value</b> Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeDelivery +++ShipFromTradeParty ++++SpecifiedTaxRegistration +++++ID Example: <b>DE129000202</b> Status: <b>O</b> Recommended format: <b>X(35)</b> Profile: <b>EXTENDED only</b>
required	<b>schemeID</b>	Type of tax identifier Synonym: tax Id CodeList: <b>VA</b> Status: <b>R</b> Profile: <b>EXTENDED only</b>

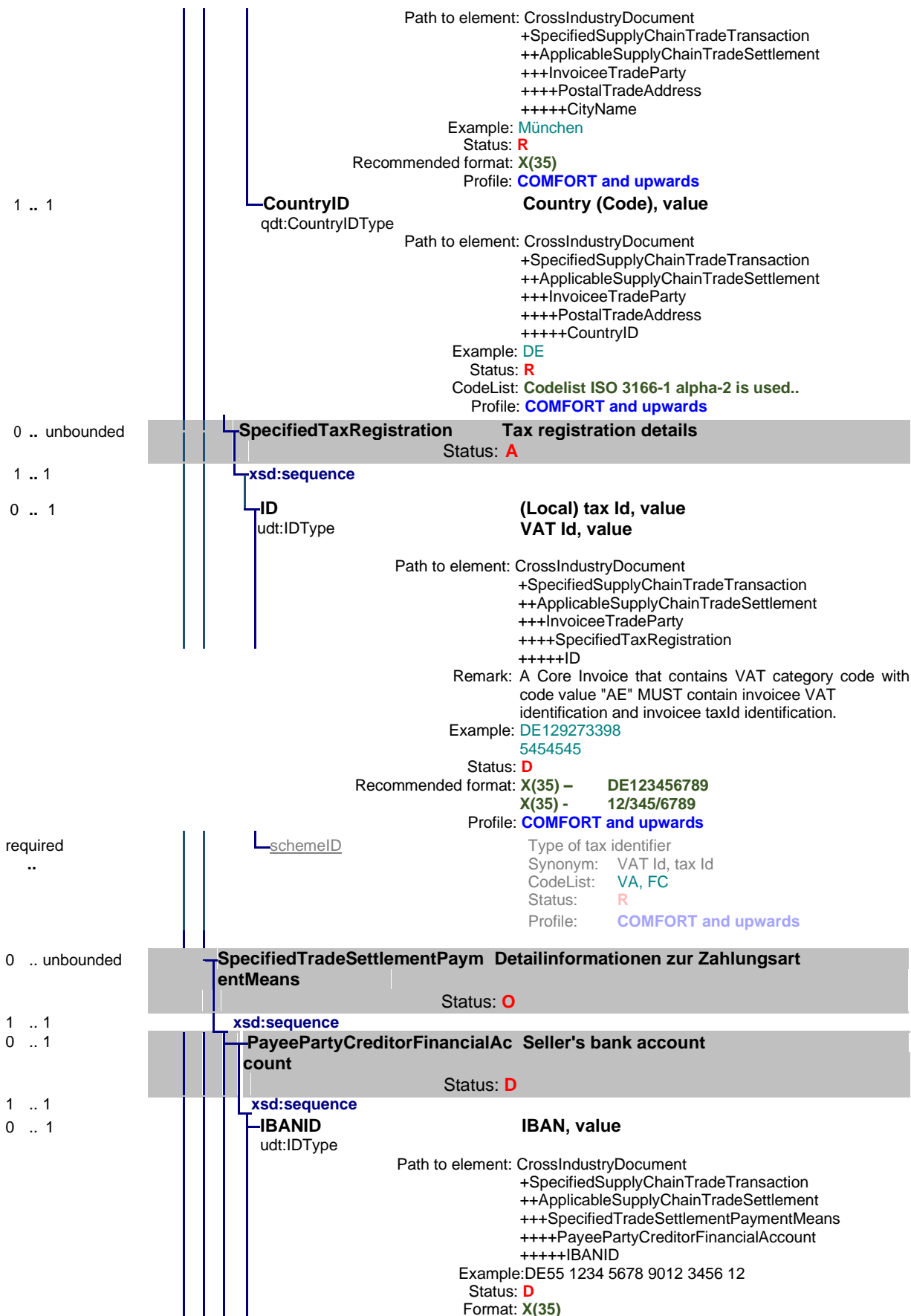
Cardinality	Element/Attribute	Business term / Properties
0 .. 1	<b>ActualDeliverySupplyChainEvent</b>	<b>Details on actual delivery</b> Remark: The delivery date on header level contains the last delivery date and is relevant for the



Cardinality	Element/Attribute	Business term / Properties
1 .. 1	 <b>ApplicableSupplyChainTradeSettlement</b>	<b>Grouping on settlement information</b> Status: <b>R</b>
1 .. 1	 <b>xsd:sequence</b>	
1 .. 1	 <b>InvoiceCurrencyCode</b> udt:CodeType	<b>Currency (code), value</b> Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeSettlement



Cardinality	Element/Attribute	Business term / Properties
1 .. 1	<b>LineOne</b> udt:TextType	<b>Line one, value</b> Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeSettlement +++InvoiceeTradeParty ++++PostalTradeAddress +++++LineOne Remark: Indication of street or postal box. For addresses indicating the postcode and locality, "-" must be entered. Example: <b>Kreditorenbuchhaltung</b> Status: <b>R</b> Recommended format: <b>X(70)</b> Profile: <b>COMFORT and upwards</b>
1 .. 1	<b>CityName</b> udt:TextType	<b>City, value</b>



0 .. 1	<b>PayeeSpecifiedCreditorFinancialInstitution</b>	<b>Seller's financial institution</b>
		Status: <b>D</b>
1 .. 1	<b>xsd:sequence</b>	
0 .. 1	<b>BICID</b>	<b>BIC, value</b>
	udt:IDType	
	Path to element:	CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeSettlement +++SpecifiedTradeSettlementPaymentMeans ++++PayeeSpecifiedCreditorFinancialInstitution ++++BICID
	Example:	XXXXXXXXXXXX
	Status:	<b>D</b>
	Format:	<b>X(11)</b>
	Profile:	<b>ab BASIC</b>
0 .. 1	<b>Name</b>	<b>Bank name, value</b>
	udt:TextType	
	Path to element:	CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeSettlement +++SpecifiedTradeSettlementPaymentMeans ++++PayeeSpecifiedCreditorFinancialInstitution ++++Name
	Example:	Volksbank
	Status:	<b>D</b>
	Format:	<b>X(70)</b>
	Profile:	<b>ab BASIC</b>

Cardinality	Element/Attribute	Business term / Properties
0 .. unbounded	<b>ApplicableTradeTax</b>	<b>Details on trade tax</b>
		Remark: This section must be used if the invoice needs to show more than one tax type.
		Status: <b>D</b>
1 .. 1	<b>xsd:sequence</b>	
1 .. 1	<b>CalculatedAmount</b>	<b>Tax calculated amount, value</b>
	udt:AmountType	
	Path to element:	CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeSettlement +++ApplicableTradeTax ++++CalculatedAmount
	Remark:	For credit notes BMW expects negative amounts
	Example:	451.03
	Status:	<b>R</b>
	Recommended format:	<b>N(15)</b>
	Profile:	<b>COMFORT and upwards</b>
required ..	<b>currencyID</b>	Currency
		CodeList: <b>EUR Euro</b>
		Codelist ISO 4217 3A is used.
		Status: <b>R</b>
		Profile: <b>COMFORT and upwards</b>
1 .. 1	<b>TypeCode</b>	<b>Tax type (code), value</b>
	qdt:TaxTypeCodeType	
	Path to element:	CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeSettlement +++ApplicableTradeTax ++++TypeCode
	Example:	VAT
	Status:	<b>R</b>
	Recommended format:	<b>X(3)</b>
	Profile:	<b>COMFORT and upwards</b>
0 .. 1	<b>ExemptionReason</b>	<b>Reason for tax exemption (free text), value</b>
	qdt:TextType	



Path to element: CrossIndustryDocument  
 +SpecifiedSupplyChainTradeTransaction  
 ++ApplicableSupplyChainTradeSettlement  
 +++ApplicableTradeTax  
 +++ExemptionReason

Example: "exempt of tax – zero rated goods"

Status: **D**

Recommended format: **X(300)**

Profile: **COMFORT and upwards**

1 .. 1

### BasisAmount

udt:AmountType

### Tax base amount, value

Path to element: CrossIndustryDocument  
 +SpecifiedSupplyChainTradeTransaction  
 ++ApplicableSupplyChainTradeSettlement  
 +++ApplicableTradeTax  
 +++BasisAmount

Remark: For credit notes BMW expects negative amounts

Example: **2373.86**

Status: **R**

Recommended format: **N(15)**

Profile: **COMFORT and upwards**

required

currencyID

Currency

CodeList: **EUR** **Euro**

Codelist ISO 4217 3A is

used.

Status: **R**

Profile: **COMFORT and upwards**

0 .. 1

### LineTotalBasisAmount

udt:AmountType

### Goods amount for tax rate, value

Path to element: CrossIndustryDocument  
 +SpecifiedSupplyChainTradeTransaction  
 ++ApplicableSupplyChainTradeSettlement  
 +++ApplicableTradeTax  
 +++LineTotalBasisAmount

Remark: For credit notes BMW expects negative amounts

Example: **2373.86**

Status: **D**

Format: **N(15)**

Profile: **extended**

required

currencyID

Currency

CodeList: **EUR** **Euro**

Codelist ISO 4217 3A is used.

Status: **R**

**Extended**

0 .. 1

### CategoryCode

qdt:TaxCategoryCodeType

### Tax category, value

Path to element: CrossIndustryDocument  
 +SpecifiedSupplyChainTradeTransaction  
 ++ApplicableSupplyChainTradeSettlement  
 +++ApplicableTradeTax  
 +++CategoryCode

Remark: This element must be used if the invoice needs to show more than one tax type. The complete list of ZUGFeRD allowed codes with explanations can be found in chapter 4.5.

Example: **S**

Status: **D**

CodeList: **AE, E, Z, O, IC, S**

Profile: **COMFORT and upwards**

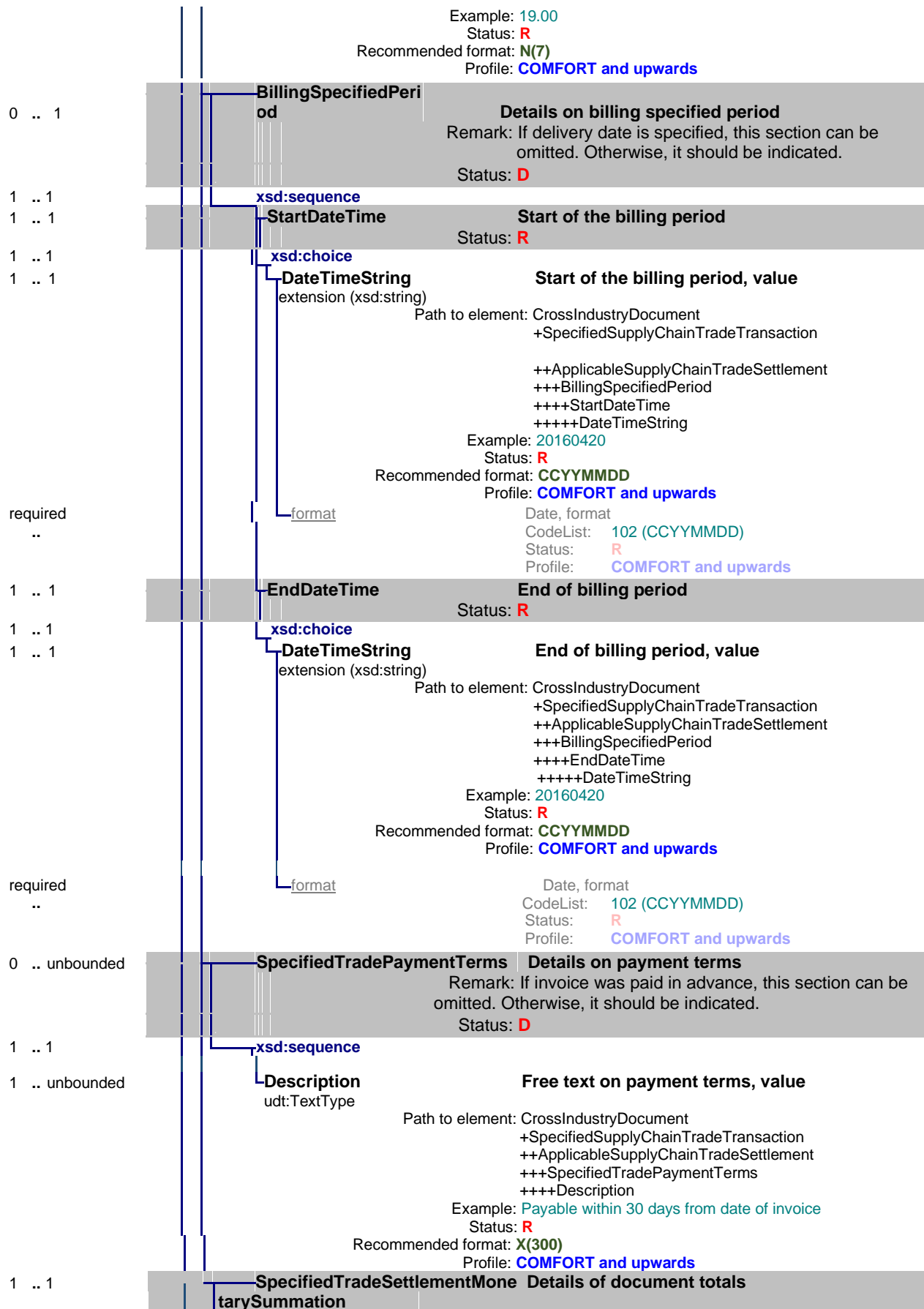
1 .. 1

### ApplicablePercent

udt:PercentType

### Tax rate percentage, value

Path to element: CrossIndustryDocument  
 +SpecifiedSupplyChainTradeTransaction  
 ++ApplicableSupplyChainTradeSettlement  
 +++ApplicableTradeTax  
 +++ApplicablePercent

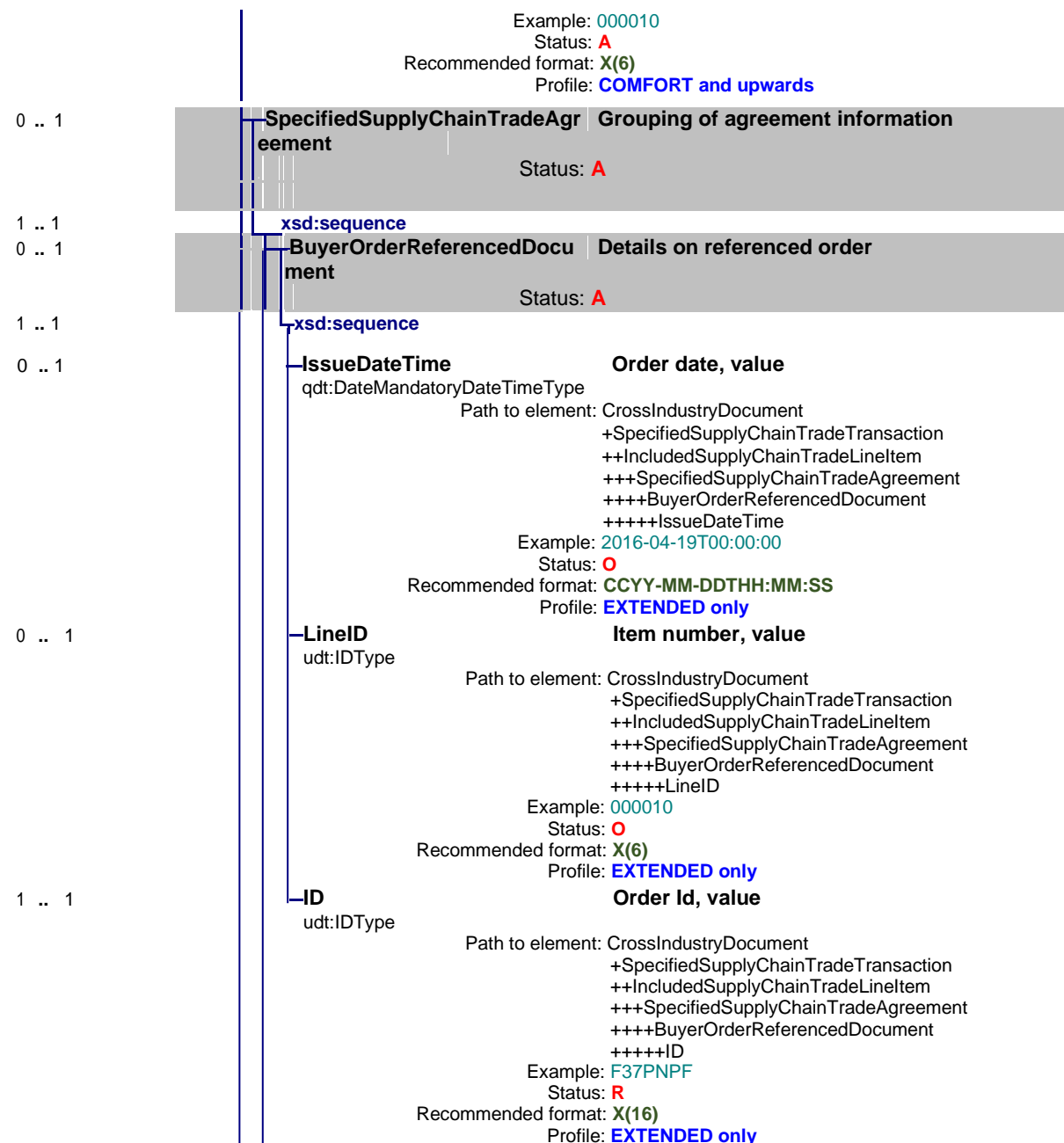


		Status: <b>R</b>
1 .. 1	<b>xsd:sequence</b>	
1 .. 1	<b>LineTotalAmount</b> udt:AmountType	<b>Line total amount, value</b>  Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeSettlement +++SpecifiedTradeSettlementMonetarySummation ++++LineTotalAmount  Remark: Sum of net amount from lines For credit notes BMW expects netive amounts  Example: 2373.86 Status: <b>R</b> Recommended format: <b>N(15)</b> Profile: <b>COMFORT and upwards</b>
required	<u>currencyID</u>	Currency CodeList: <b>EUR</b> Euro Codelist ISO 4217 3A is used. Status: <b>R</b> Profile: <b>COMFORT and upwards</b>
1 .. 1	<b>ChargeTotalAmount</b> udt:AmountType	<b>Charge total amount, value</b>  Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeSettlement +++SpecifiedTradeSettlementMonetarySummation ++++ChargeTotalAmount  Remark: Sum of charges defined on document level however in case of E-Invoicing data model there is no possibility to define charges on document level, thus value of this element must always be "0.00" because the element is required.  Example: 0.00 Status: <b>R</b> Recommended format: <b>N(15)</b> Profile: <b>COMFORT and upwards</b>
required	<u>currencyID</u>	Currency CodeList: <b>EUR</b> Euro Codelist ISO 4217 3A is used. Status: <b>R</b> Profile: <b>COMFORT and upwards</b>
1 .. 1	<b>AllowanceTotalAmount</b> udt:AmountType	<b>Allowance total amount, value</b>  Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeSettlement +++SpecifiedTradeSettlementMonetarySummation ++++AllowanceTotalAmount  Remark: Sum of allowances defined on document level however in case of E-Invoicing data model there is no possibility to define allowances on document level, thus value of this element must always be "0.00" because the element is required.  Example: 0.00 Status: <b>R</b> Recommended format: <b>N(15)</b> Profile: <b>COMFORT and upwards</b>
required	<u>currencyID</u>	Currency CodeList: <b>EUR</b> Euro Codelist ISO 4217 3A is used. Status: <b>R</b> Profile: <b>COMFORT and upwards</b>

Cardinality	Element/Attribute	Business term / Properties
1 .. 1	<b>TaxBasisTotalAmount</b> udt:AmountType	<b>Tax basis total amount, value</b>  Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeSettlement

required	currencyID	<p>+++SpecifiedTradeSettlementMonetarySummation ++++TaxBasisTotalAmount Remark: Sum of line total amount + charge totals – allowance totals For credit ntoes BMW expects negative amounts Example: 2373.86 Status: R Recommended format: N(15) Profile: COMFORT and upwards</p> <p>Currency CodeList: EUR Euro Codelist ISO 4217 3A is used. Status: R Profile: COMFORT and upwards</p>
1 .. 1	TaxTotalAmount udt:AmountType	<p><b>Tax total amount, value</b> Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeSettlement +++SpecifiedTradeSettlementMonetarySummation ++++TaxTotalAmount Remark: For credit ntoes BMW expects negative amounts Example: 451.03 Status: R Recommended format: N(15) Profile: COMFORT and upwards</p> <p>Currency CodeList: EUR Euro Codelist ISO 4217 3A is used. Status: R Profile: COMFORT and upwards</p>
1 .. 1	GrandTotalAmount udt:AmountType	<p><b>Grand total, value</b> Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++ApplicableSupplyChainTradeSettlement +++SpecifiedTradeSettlementMonetarySummation ++++GrandTotalAmount Remark: For credit ntoes BMW expects negative amounts Example: 2824.89 Status: R Recommended format: N(15) Profile: COMFORT and upwards</p> <p>Currency CodeList: EUR Euro Codelist ISO 4217 3A is used. Status: R Profile: COMFORT and upwards</p>

Cardinality	Element/Attribute	Business term / Properties
1 .. unbounded	IncludedSupplyChainTradeLineItem	Grouping of item information
1 .. 1	xsd:sequence	Status: R
1 .. 1	AssociatedDocumentLineDocument	Grouping of general information
1 .. 1	xsd:sequence	Status: R
0 .. 1	LineID udt:IDType	Line number, value
		Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++AssociatedDocumentLineDocument ++++LineID



Cardinality	Element/Attribute	Business term / Properties
0 .. 1	<b>GrossPriceProductTradePrice</b>	<b>Details on gross price excluding taxes</b>
		Status: <b>A</b>
1 .. 1	<b>xsd:sequence</b>	
1 .. 1	<b>ChargeAmount</b>	<b>Gross price, value</b>
	udt:AmountType	
	Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedSupplyChainTradeAgreement ++++GrossPriceProductTradePrice +++++ChargeAmount	
	Example: 2580.2800 Status: <b>R</b> Recommended format: <b>N(15)</b> Profile: <b>COMFORT and upwards</b>	
required	<b>currencyID</b>	Currency

..		CodeList: <b>EUR</b> Euro Codelist ISO 4217 3A is used.
		Status: <b>R</b>
		Profile: <b>COMFORT and upwards</b>
0 .. unbounded	<b>AppliedTradeAllowanceCharge</b>	<b>Details on allowances and charges</b>
		Status: <b>O</b>
1 .. 1	<b>xsd:sequence</b>	
1 .. 1	<b>ChargeIndicator</b>	<b>Charge indicator</b>
		Status: <b>R</b>
1 .. 1	<b>xsd:choice</b>	
1 .. 1	<b>Indicator</b>	<b>Charge indicator, value</b>
	xs:boolean	
		Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedSupplyChainTradeAgreement ++++GrossPriceProductTradePrice +++++AppliedTradeAllowanceCharge ++++++ChargeIndicator +++++++Indicator
		Remark: true= charge, false = allowance Example: <b>false</b> Status: <b>R</b> CodeList: <b>false, true</b> Profile: <b>COMFORT and upwards</b>
1 .. 1	<b>ActualAmount</b>	<b>Allowance or charge base amount, value</b>
	udt:AmountType	
		Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedSupplyChainTradeAgreement ++++GrossPriceProductTradePrice +++++AppliedTradeAllowanceCharge ++++++ActualAmount
		Example: <b>206.4200</b> Status: <b>R</b> Recommended format: <b>N(15)</b> Profile: <b>COMFORT and upwards</b>
required	<b>currencyID</b>	<b>Currency</b>
..		CodeList: <b>EUR</b> Euro Codelist ISO 4217 3A is used. Status: <b>R</b> Profile: <b>COMFORT and upwards</b>

Cardinality	Element/Attribute	Business term / Properties
0 .. 1	<b>ReasonCode</b>	<b>Reason for allowance or charge (Code), value</b>
	qdt:AllowanceChargeReasonCodeType	
		Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedSupplyChainTradeAgreement ++++GrossPriceProductTradePrice +++++AppliedTradeAllowanceCharge ++++++ReasonCode
		Remark: The complete list of ZUGFeRD allowed codes with explanations can be found in chapter 4.7. Example: <b>FC</b> Status: <b>O</b> CodeList: <b>AA, ADR, AEO, DI, EAB, FC, IN, MAC, NAA, PC, RAA, SH</b> Profile: <b>EXTENDED only</b>
1 .. 1	<b>NetPriceProductTradePrice</b>	<b>Details on net price without tax</b>
		Remark: The net prices included all allowances and charges, but no taxes. Status: <b>R</b>
1 .. 1	<b>xsd:sequence</b>	
1 .. 1	<b>ChargeAmount</b>	<b>Net price, value</b>

required ..	0 .. 1	udt:AmountType	Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedSupplyChainTradeAgreement ++++NetPriceProductTradePrice +++++ChargeAmount Example: 2373.8600 Status: R Recommended format: N(15) Profile: COMFORT and upwards
		currencyID	Currency CodeList: EUR Euro Codelist ISO 4217 3A is used. Status: R Profile: COMFORT and upwards
required ..	0 .. 1	BasisQuantity	Price base quantity, value
		udt:QuantityType	Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedSupplyChainTradeAgreement ++++NetPriceProductTradePrice +++++BasisQuantity Example: 1.0000 Status: O Recommended format: N(9) Profile: COMFORT and upwards
required ..	0 .. 1	unitCode	Unit of price base quantity CodeList: C62 one (piece) The complete list of ZUGFeRD allowed codes with explanations can be found in chapter 4.6 Status: R Profile: COMFORT and upwards
Cardinality	Element/Attribute	Business term / Properties	
1 .. 1	SpecifiedSupplyChainTradeDelivery	Grouping on delivery information Status: R	
1 .. 1	xsd:sequence		
1 .. 1	BilledQuantity	Billed quantity, value	
required ..	0 .. 1	udt:QuantityType	Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedSupplyChainTradeDelivery ++++BilledQuantity Example: 1.0000 Status: R Recommended format: N(10) Profile: COMFORT and upwards
		unitCode	Measurement unit CodeList: C62 one (piece) The complete list of ZUGFeRD allowed codes with explanations can be found in chapter 4.6 Status: R Profile: COMFORT and upwards
0 .. 1	ShipToTradeParty	Details on the alternative ship to Status: D	
1 .. 1	xsd:sequence		
0 .. 1	ID	Identification of ship to, value	
0 .. 1	udt:IDType	Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedSupplyChainTradeDelivery	

1 .. 1	<b>Name</b> udt:TextType	<p>++++ShipToTradeParty ++++ID</p> <p>Remark: <b>List of Business Areas is in chapter 4.8 and 11.2 of BMW eInvoicing EDI Implementation Guideline ZUGFeRD.v1.2_EN.pdf</b> <b>IF BuyerTradeParty – ID = "A1" then Shipto – ID is required / mandatory for version "extended". For version "comfort" it's can / optional and please see GlobalID page 13</b></p> <p>Example: <b>A1</b> Status: <b>D</b> CodeList: <b>A1, BC, BX, DG, DX, FX, HH, HX, LX, MX, NG, NX, RX, SX, XA</b> Profile: <b>EXTENDED only</b> <b>(Company) name of ship to, value</b></p> <p>Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedSupplyChainTradeDelivery ++++ShipToTradeParty ++++Name</p> <p>Example: <b>Zentrale, Werke und Sparten</b> Status: <b>R</b> Recommended format: <b>X(140)</b> Profile: <b>EXTENDED only</b></p>
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Cardinality	Element/Attribute	Business term / Properties
0 .. 1	<b>PostalTradeAddress</b>	<b>Details on address</b>
1 .. 1	<b>xsd:sequence</b>	Status: <b>A</b>
0 .. 1	<b>PostcodeCode</b> udt:CodeType	<b>Postcode, value</b>
		<p>Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedSupplyChainTradeDelivery ++++ShipToTradeParty ++++PostalTradeAddress ++++PostcodeCode</p> <p>Example: <b>13629</b> Status: <b>A</b> Recommended format: <b>X(17)</b> Profile: <b>EXTENDED only</b></p>
0 .. 1	<b>LineOne</b> udt:TextType	<b>Line one, value</b>
		<p>Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedSupplyChainTradeDelivery ++++ShipToTradeParty ++++PostalTradeAddress ++++LineOne</p> <p>Remark: Indication of street or postal box. For addresses indicating the postcode and locality, "-" must be entered.</p> <p>Example: <b>Knorrstraße 147</b> Status: <b>A</b> Recommended format: <b>X(70)</b> Profile: <b>EXTENDED only</b></p>
0 .. 1	<b>CityName</b> udt:TextType	<b>City, value</b>
		<p>Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedSupplyChainTradeDelivery ++++ShipToTradeParty ++++PostalTradeAddress</p>



0 .. 1	CountryID qdt:CountryIDType	+++++CityName Example: München Status: A Recommended format: X(35) Profile: EXTENDED only <b>Country (Code), value</b> Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedSupplyChainTradeDelivery ++++ShipToTradeParty +++++PostalTradeAddress +++++CountryID Example: DE Status: A CodeList: Codelist ISO 3166-1 alpha-2 is used. Profile: EXTENDED only
0 .. 1	ActualDeliverySupplyChainEvent	<b>Details on actual delivery</b> Remark: If the line items of an invoice have different delivery or service completion dates, then this date has to be given for each line item. Status: D
1 .. 1	xsd:sequence	
0 .. 1	OccurrenceDateTime	<b>Actual date of delivery or date of service provision</b> Remark: The actual date of delivery in respect of VAT must be provided on header level Status: D
1 .. 1	xsd:choice	
1 .. 1	DateTimeString extension (xsd:string)	<b>Actual date of delivery, value</b> Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedSupplyChainTradeDelivery ++++ActualDeliverySupplyChainEvent +++++OccurrenceDateTime +++++DateTimeString Example: 20160420 Status: R Recommended format: CCYYMMDD Profile: EXTENDED only Date, format CodeList: 102 (CCYYMMDD) Status: R Profile: EXTENDED only
required ..	-format	
0 .. 1	DeliveryNoteReferencedDocument	<b>Details on referenced delivery note</b> Status: D
1 .. 1	xsd:sequence	
0 .. 1	IssueDateTime qdt:DateMandatoryDateTimeType	<b>Document date, value</b> Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedSupplyChainTradeDelivery ++++DeliveryNoteReferencedDocument +++++IssueDateTime Example: 2016-04-19T00:00:00 Status: O Recommended format: CCYY-MM-DDTHH:MM:SS Profile: EXTENDED only
1 .. 1	ID udt:IDType	<b>Document number, value</b>

Path to element: CrossIndustryDocument  
 +SpecifiedSupplyChainTradeTransaction  
 ++IncludedSupplyChainTradeLineItem  
 +++SpecifiedSupplyChainTradeDelivery  
 ++++DeliveryNoteReferencedDocument  
 +++++ID

Example: [SIPS80081334790](#)

Status: **R**

Recommended format: **X(70)**

Profile: **EXTENDED only**

Cardinality	Element/Attribute	Business term / Properties
1 .. 1	<b>SpecifiedSupplyChainTradeSettlement</b>	<b>Grouping on settlement information</b> Status: <b>R</b>
1 .. 1	<b>xsd:sequence</b>	
1 .. unbounded	<b>ApplicableTradeTax</b>	<b>Details on taxes</b> Remark: This section must be used if the invoice needs to show more than one tax type. Status: <b>D</b>
1 .. 1	<b>xsd:sequence</b>	
0 .. 1	<b>TypeCode</b> qdt:TaxTypeCodeType	<b>Tax type (Code), value</b> Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedSupplyChainTradeSettlement ++++ApplicableTradeTax +++++TypeCode Remark: This element must be used if the invoice needs to show more than one tax type. Example: <a href="#">VAT</a> Status: <b>D</b> Recommended format: <b>X(3)</b> Profile: <b>COMFORT and upwards</b>
0 .. 1	<b>CategoryCode</b> qdt:TaxCategoryCodeType	<b>Tax category, value</b> Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedSupplyChainTradeSettlement ++++ApplicableTradeTax +++++CategoryCode Remark: This element must be used if the invoice needs to show more than one tax type. The complete list of ZUGFeRD allowed codes with explanations can be found in chapter 4.5. Example: <a href="#">S</a> Status: <b>D</b> CodeList: <b>AE, E, Z, O, IC, S</b> Profile: <b>COMFORT and upwards</b>
1 .. 1	<b>ApplicablePercent</b> udt:PercentType	<b>Tax percentage, value</b> Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedSupplyChainTradeSettlement ++++ApplicableTradeTax +++++ApplicablePercent Example: <a href="#">19.00</a> Status: <b>R</b> Recommended format: <b>N(7)</b> Profile: <b>COMFORT and upwards</b>

Cardinality	Element/Attribute	Business term / Properties
0 .. 1	SpecifiedTradeSettlementMonetarySummation	<b>Details on summation</b> Remark: If only a text block without pricing is specified, this block can be omitted. Otherwise, it must be indicated. Status: <b>D</b>
1 .. 1	xsd:sequence	
1 .. 1	LineTotalAmount	<b>Line total amount, value</b> udt:AmountType Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedSupplyChainTradeSettlement ++++SpecifiedTradeSettlementMonetarySummation +++++LineTotalAmount Remark: The line total amount is the net amount, including any additions and deductions without specifying the value-added tax. For credit notes BMW expects negative amounts Example: 2373.86 Status: <b>R</b> Recommended format: <b>N(15)</b> Profile: <b>COMFORT and upwards</b>
required ..	CodeL	Currency CodeList: <b>EUR</b> <b>Euro</b> CodeList ISO 4217 3A is used. Status: <b>R</b> Profile: <b>COMFORT and upwards</b>
0 .. 1	TotalAllowanceChargeAmount	<b>Allowance and charge total, value</b> udt:AmountType Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedSupplyChainTradeSettlement ++++SpecifiedTradeSettlementMonetarySummation +++++TotalAllowanceChargeAmount Remark: Sum of allowance and charge from line if AppliedTradeAllowanceCharge section exists. Example: 206.4200 Status: <b>D</b> Recommended format: <b>N(15)</b> Profile: <b>EXTENDED only</b>
required ..	currencyID	Currency CodeList: <b>EUR</b> <b>Euro</b> CodeList ISO 4217 3A is used. Status: <b>R</b> Profile: <b>EXTENDED only</b>

Cardinality	Element/Attribute	Business term / Properties
1 .. 1	<b>SpecifiedTradeProduct</b>	<b>Grouping of product or service information</b>
		Status: <b>R</b>
1 .. 1	<b>xsd:sequence</b>	
0 .. 1	<b>SellerAssignedID</b> udt:IDType	<b>Seller's article number, value</b>
		Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedTradeProduct ++++SellerAssignedID
		Example: <b>1LE1504-1EB43-4AB4</b>
		Status: <b>O</b>
		Recommended format: <b>X(35)</b>
		Profile: <b>COMFORT and upwards</b>
0 .. 1	<b>BuyerAssignedID</b> udt:IDType	<b>Buyer's article number, value</b>
		Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedTradeProduct ++++BuyerAssignedID
		Remark: The identifier of the product is a unique, bilaterally agreed number of the product. It can, for example, be a customer item number or reference to the manufacturers part number. BMW part number 9-digit (format: XXXXXXXX-XX) or 7-digit (format: XXXXXXXX)
		Example: <b>6081271</b>
		Status: <b>O</b>
		Recommended format: <b>X(10)</b>
		Profile: <b>COMFORT and upwards</b>
1 .. 1	<b>Name</b> udt:TextType	<b>Article name, value</b>
		Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedTradeProduct ++++Name
		Example: <b>SIMOTICS SD 1LE15 IEC-LV-MOTOR IE4</b>
		Status: <b>R</b>
		Recommended format: <b>X(512)</b>
		Profile: <b>COMFORT and upwards</b>
0 .. unbounded	<b>OriginTradeCountry</b>	<b>Details of product origin</b>
		Remark: Only relevant if this information is legally required.
		Status: <b>D</b>
1 .. 1	<b>xsd:sequence</b>	
1 .. 1	<b>ID</b> qdt:CountryIDType	<b>Country of origin (Code), value</b>
		Path to element: CrossIndustryDocument +SpecifiedSupplyChainTradeTransaction ++IncludedSupplyChainTradeLineItem +++SpecifiedTradeProduct ++++OriginTradeCountry +++++ID
		Example: <b>DE</b>
		Status: <b>R</b>
		CodeList: <b>Codelist ISO 3166-1 alpha-2 is used.</b>
		Profile: <b>EXTENDED only</b>

## 4. Code Lists

### 4.1 BUSINESS PROCESS CODE LIST

Business Process Code	
Code	Description
INC	Incoming invoice

### 4.2 DOCUMENT TYPE CODE LIST

Document Type Code	
Code	Description
380	Invoice
380	Credit Note – BMW expects negative amounts
84	Credit Note – BMW expects negative amounts

### 4.3 QUALIFYING THE TYPE OF TEXT CODE LIST

Qualifying the Type of Code	
Code	Description
(empty)	General free text
REG	Regulatory information
AAK	Price conditions

#### Remark for Code AAK:

In France the information about early payment discount is mandatory.

If not applicable, the French supplier needs to indicate on the invoice the wording “Escompte Néant ” or “No Early Payment discount” (legal data - L 441-3 of the Commercial Code)

#### Additional samples for Regulatory Information:

CrossIndustryDocument / HeaderExchangedDocument / IncludedNote / Content

#### Example in German for legal form „AG“

Vorsitzender des Aufsichtsrates: Max Mustermann ; Vorstand: Harald Muster Vorsitzender: Erika Sample ; Steuernummer: 123/456/78901 ; Firmensitz: München ; Handelsregister: HRB12345 Ingolstadt ; VATID: DE123456789 ; Tel: 089 / 123 45678 ; www.seller.com

#### Example in English for legal form „S.A.“

chairman of supervisory board: Max Mustermann ; management board: Harald Muster chairman: Erika Sample ; tax id: 123/456/78901 ; legal seat: München ; trade register: HRB12345 Ingolstadt ; VATID: DE123456789 ; Tel: 089 / 123 45678 ; www.seller.com

#### Example in German for legal form “GmbH”, “GmbH & Co. KG”, “UG”



Geschäftsführer: Harald Muster, Erika Sample ; Steuernummer: 123/456/78901 ; Firmensitz: München;  
Handelsregister: HRB12345 Ingolstadt; VATID: DE123456789 ; registered capital: 1234567.00 EUR; Tel?:  
089 / 123 45678 ; www.seller.com

**Example in English for legal firm "GmbH", "GmbH & Co. KG", "UG"**

CEO: Harald Muster, Erika Sample ; tax id: 123/456/78901 ; legal seat: München ; trade register:  
HRB12345 Ingolstadt ; VATID: DE123456789 ; Tel: 089 / 123 45678 ; www.seller.com

**Additional notes for „Tax Deputy“:**

The Zugferd standard has no own section / node for „Tax Deputy“

BMW recommend to send this information also as text in IncludedNote / Content

**Sample:**

Tax deputy name: Tax Deputy Name GMBH & CO. KG, Deputy Strasse 16, 12345 City , Germany, Tax  
deputy VAT number: DE121545539, Tax deputy tax Id number: 139/5722/0014

## 4.4 TYPE OF REFERENCED DOCUMENT CODE LIST

Type of Referenced Document	
Code	Description
AJS	Agreement number
OI	Previous invoice number

## 4.5 TAX CATEGORY CODE LIST

Tax Category Code	
Code	Description
AE	VAT Reverse Charge Code
E	Exempt from tax
Z	Zero rated goods
O	Services outside scope of tax
IC	Intra-Community Supply Code
S	Standard rate

## 4.6 MEASUREMENT UNIT CODE LIST

Measurement Unit Code	
Code	Description
C62	one (piece)
CMK	square centimeter
CMT	centimeter
PCE	piece
DAY	day
HAR	hectare
HUR	hour
KGM	kilogram
KTM	kilometre

KWH	kilowatt hour
LS	lump sum
LTR	litre
MIN	minute
MMK	square millimetre
MMT	millimetre
MTK	square metre
MTQ	cubic metre
MTR	metre
NAR	number of articles
NPR	number of pairs
P1	percent
SET	set
TNE	tonne (metric ton)
WEE	week

BMW processes all valid unit of measure codes of the UN / ECE CEFACT rec. 20/21 code list. Zugferd v1.0 is limited to the codes mentioned above.

## 4.7 ALLOWANCE/CHARGE REASON CODE LIST

Allowance/ Charge Reason Code	
Code	Description
AA	Advertising
AAJ	Copper charge
ADR	Other services
AEO	Collection and recycling
AG	Silver charge
AL	Aluminum charge
DI	Discount
EAB	Early payment allowance
FC	Freight service
IN	Insurance
MAC	Minimum order/minimum billing charge
MS	Brass charge
NAA	Non-returnable containers
PC	Packing
RAA	Rebate
SH	Special handling

## 4.8 BMW COMPANY CODELISTE

Allowed codes BMW Company

BMW Company Code	Company Name	street	city	postal code	country	VATID
A1	BMW AG	Petuelring 130	München	80809	DE	DE129273398
B7	BMW Fahrzeugtechnik GmbH	Stedtfel-der Str. 2	Krauthausen	99819	DE	DE811163085
C5	BMW Motoren GmbH	Hinterbergerstraße 2	STEYR	4400	AT	ATU41644903
FE	Rolls-Royce Motor Cars GmbH	Petuelring 130	München	80809	DE	GB800366563
LG	Rolls-Royce Motor Cars Limited	The Drive Westhampnett Chichester	West Sussex	PO18 0SH	UK	GB239354938
MU	BMW (UK) Manufacturing Ltd.	Eastern Bypass Road	Oxford	OX4 6NL	UK	GB239354938
RK	BMW Mobility Development Center s.r.o.	Bucharova 2817/13	Praha	15800	CZ	CZ08082189
S5	BMW Österreich Holding GmbH	Hinterbergerstraße 2	STEYR	4400	AT	ATU24214703
UH	BMW Manufact Hungary Kft	Széchenyi utca 31	Debrecen	4025	HU	HU26531436
U0	BMW Hams Hall Motoren GmbH	Canton Lane Coleshill	Birmingham	B46 1GB	GB	GB239354938

## 4.9 BMW BUSINESS AREA CODELISTE

Allowed codes / dealer – branch

BMW AREA CODE	BUSINESS AREA NAME
A1	BMW headquarter, all plants
BX	Niederlassung/branch Berlin
DG	Servicezentrum/branch Dingolfing
DX	Niederlassung/branch Düsseldorf
FX	Niederlassung/branch Frankfurt
HH	Niederlassung/branch Hamburg
HX	Niederlassung/branch Hannover
LX	Niederlassung/branch Leipzig
MX	Niederlassung/branch München
NG	Niederlassung/branch -overall (PCO)



NX	Niederlassung/branch Nürnberg
RX	Servicezentrum/branch Regensburg
SX	Niederlassung/branch Stuttgart
XA	Alpenhotel Ammerwald

If BMW CompanyCode (BuyerTradeParty – ID) == A1, then ShipToTradeParty – ID or Buyer – GlobalID (BMWBusinessArea) is mandatory

**For other BuyerTradeParty codes like B7, MU, C5, S5, LG, FE, RK UH, U0  
ShipToTradeParty – ID or GlobalID is optional**

#### Profile Extended:

For profile extended please create ShipToTradeParty – ID und Name  
(not for profile comfort)

```
<ram:ApplicableSupplyChainTradeDelivery>
  <ram:ShipToTradeParty>
    <ram:ID>A1</ram:ID>
    <ram:Name>BMW AG</ram:Name>
  </ram:ShipToTradeParty>
```

#### Profile Comfort:

For profile comfort please create BuyerTradeParty - GlobalID where @schemeID = „0149“  
(not for profile extended)

```
<ram:BuyerTradeParty>
  <ram:ID>A1</ram:ID>
  <ram:GlobalID schemeID="0149">A1</ram:GlobalID>
```

Default code for all BMW plants is „A1“ .

If the buyer is a dealer or branch (corresponding to your BMW order form) you must use one of the BMW Business Area codes in the table below.

The Business Area Code GlobalID (or ShipToTradeParty - ID) only refers to the buyer address and not to the shipping address.

Regarding the order sample below the “ship to” address in your EDI file is “Werk Leipzig”  
->

#### Ship To

BMW AG, Werk Leipzig  
BMW Allee 1  
04349 Leipzig  
DE

The buyer address on this order is:

BMW AG  
Petuelring 130  
80788 MÜNCHEN  
DE

That means ->

**BuyerTradeParty - ID** is **A1**, then ShipToTradeParty – ID must be filled in

As there is no business area given on the buyer/invoicee address ShipToTradeParty – ID is also **A1**

Invoice To  
BMW AG  
Kreditorenbuchhaltung, Rechnungsprüfung  
80788 MÜNCHEN  
DE

Business Area is A1

In case the buyer address would be a branch (“Niederlassung”)

BMW AG  
Kreditorenbuchhaltung, Rechnungsprüfung  
**LXA Niederlassung Leipzig**  
80788 München

Then a business area is given (branch or dealer) on buyer address ->  
**BuyerTradeParty - ID** is **A1** and ShipToTradeParty – ID would be **LX**

## 4.10 BMW BUSINESS UNIT CODELISTE

Allowed Unit Codes / dealer - branch:

BMW AREA CODE	BMW UNIT CODE	BMW BUSINESS UNIT NAME
BC	BCA	BMW Classic Moosacher Str. 66
BX	BXA	Niederlassung Berlin Kaiserdamm 90 / Hauptbetrieb
	BXB	Niederlassung Berlin Gehringstrasse 20
	BXD	Niederlassung Berlin Kaiserdamm 90 / Mini
	BXE	Niederlassung Berlin Blumberger Damm 2
	BXF	Niederlassung Berlin Kaiserdamm 90 / Motorrad Zentrum
DG	DGA	Servicezentrum Dingolfing Landshuter Str. 12
	DGB	Niederlassung Landshut Ohmstr. 2
	DGC	Niederlassung Dingolfing Karl-Dompert-Str. 7
	DGE	Niederlassung Dingolfing Landshuter Str. 12 / Motorrad Zentrum
	DGF	Niederlassung Moosthenning Gewerbefeld 4
DX	DXA	Niederlassung Düsseldorf Grafenberger Allee 277/258
	DXB	Niederlassung Düsseldorf Theodorstraße 279
	DXC	Niederlassung Düsseldorf BMW Motorradzentrum



	DXD	Niederlassung Bonn Vorgebirgsstrasse 95 / Hauptbetrieb
	DXE	Niederlassung Bonn Vorgebirgsstrasse 95 / Motorrad Zentrum
	DXF	Niederlassung Dortmund Nortkirchstrasse 111 / Hauptbetrieb
	DXG	Niederlassung Dortmund Nortkirchstrasse 111 / Motorrad Zentrum
	DXH	Niederlassung Essen Berthold-Beitz-Boulevard 508 / Hauptbetrieb
	DXK	Niederlassung Essen Berthold-Beitz-Boulevard 508 / Motorrad Zentrum
FX	FXA	Niederlassung Frankfurt Hanauer Landstraße 182/255
	FXB	Niederlassung Offenbach Spessarting 9
	FXC	Niederlassung Frankfurt Hanauer Landstr. 182
	FXD	Niederlassung Dreieich Gustav-Otto-Strasse 1 / Motorrad Zentrum
	FXE	Niederlassung Dreieich Gustav-Otto-Strasse 1 / Gebrauchtwagenzentrum
	FXF	Niederlassung Darmstadt Marburger Str. 22
	FXM	Niederlassung Kassel Scharnhorststrasse 14
	FXN	Niederlassung Kassel Scharnhorststrasse 14 / Motorrad Zentrum
	FXS	Niederlassung Frankfurt Hanauer Landstrasse 182
HH	HHA	Niederlassung Hamburg Offakamp 10 / Hauptbetrieb
	HHB	Niederlassung Hamburg Süderstrasse 133
	HHC	Niederlassung Hamburg Friedrich-Ebert-Damm 120
	HHD	Niederlassung Barsbüttel Rahlstedter Strasse 4-10
	HHE	Niederlassung Hamburg Osdorfer Landstrasse
	HHG	Niederlassung Hamburg Offakamp 10 / Motorrad Zentrum
	HHH	Niederlassung Hamburg Bergedorfer Strasse 68
HX	HXA	Niederlassung Hannover Lister Kirchweg 87
	HXB	Niederlassung Hannover Meelbaumstrasse 3
	HXC	Niederlassung Hannover Lissabonner Allee 3 / EXPO Park
	HXD	Niederlassung Hannover Lissabonner Allee 3 / Motorrad Zentrum
	HXE	Niederlassung Göttingen Herbert-Quandt-Strasse 8
	HXF	Niederlassung Bremen Borgwardstrasse 4 / Hauptbetrieb
	HXG	Niederlassung Bremen Borgwardstrasse 4 – 6 / Motorrad Zentrum
LX	LXA	Niederlassung Leipzig Zwickauer Strasse 55 / Hauptbetrieb
	LXB	Niederlassung Leipzig Zwickauer Strasse 55 / Motorrad Zentrum
	LXC	Niederlassung Leipzig BMW Allee 1
	LXD	Niederlassung Chemnitz Röhrsdorfer Allee 3 / Hauptbetrieb
	LXE	Niederlassung Chemnitz Röhrsdorfer Allee 3 / Motorrad Zentrum
	LXF	Niederlassung Dresden Dohnaer Strasse 99 / Hauptbetrieb u. Gebrauchtwagen
	LXG	Niederlassung Dresden Dohnaer Strasse 99 – 101 / Motorrad Zentrum
MX	MXA	Niederlassung München Frankfurter Ring 35
	MXB	Niederlassung Garching-Hochbrück Daimlerstrasse 21
	MXD	Niederlassung München Riesenfeldstrasse 7
	MXE	Niederlassung München Drygalski-Allee 35
	MXF	Niederlassung München Werner-Heisenberg-Allee 10
	MXG	Niederlassung München Frankfurter Ring 35
	MXH	Niederlassung München Nordallee 62

	MXI	Niederlassung München Frankfurter Ring 29
	MXK	Niederlassung Garching-Hochbrück Zeppelinstrasse 5
	MXV	Niederlassung München Ingolstädter Straße 172
NX	NXA	Niederlassung Nürnberg Witschelstrasse 60-62
	NXB	Niederlassung Nürnberg Kilianstrasse 181
	NXC	Niederlassung Nürnberg Witschelstrasse 60
	NXE	Niederlassung Nürnberg Regensburger Strasse 420
	NXS	Niederlassung Nürnberg Witschelstrasse 59
RX	RXA	Servicezentrum Regensburg Herbert-Quandt-Allee
SX	SXA	Niederlassung Stuttgart Untere Waldplätze 3
	SXB	Niederlassung Stuttgart Pragstrasse 140
	SXC	Niederlassung Stuttgart Pascalstr. 1
	SXD	Niederlassung Mannheim Neckarauer Strasse 164
	SXE	Niederlassung Mannheim Inselstrasse 2
	SXG	Niederlassung Saarbrücken Am Halberg 6-7
	SXH	Niederlassung Saarlouis Schanzenstrasse 20
	SXK	Niederlassung Saarbrücken Am Halberg 6-7
XA	SXL	Niederlassung Kirkel Konrad-Zuse-Str. 1
	XA	Alpenhotel Ammerwald

The BMW Business Unit Code refers to the BMW Business Area Code.  
If BMW Business Area in ShipToTradeParty - ID != „A1“ (like "LX" for Niederlassung Leipzig) then ShipToTradeParty - GlobalID is a MUST, else a CAN information

### Profile Extended:

For profile extended please create ShipToTradeParty – GlobalID. An attribute @schemeID is not needed.

(not for profile comfort)

```
<ram:ApplicableSupplyChainTradeDelivery>
  <ram:ShipToTradeParty>
    <ram:ID>LX</ram:ID>
    <ram:GlobalID>LXA</ram:GlobalID>
    <ram:Name>BMW AG</ram:Name>
  </ram:ShipToTradeParty>
```

### Profile Comfort:

For profile Comfort please create BuyerTradeParty - GlobalID where @schemeID = „0015“.

(not for profile extended)

```
<ram:BuyerTradeParty>
  <ram:ID>A1</ram:ID>
  <ram:GlobalID schemeID="0149">LX</ram:GlobalID>
  <ram:GlobalID schemeID="0015">LXA</ram:GlobalID>
```