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WORKSHOP

September 2011

AGREEMENT

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English version

**Guide for a European CORE INVOICE data model with
UN/CEFACT CII Implementation Guideline - Part 3: European
CORE INVOICE syntax mapping**

This CEN Workshop Agreement has been drafted and approved by a Workshop of representatives of interested parties, the constitution of which is indicated in the foreword of this Workshop Agreement.

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Foreword

This multi-parts CWA is the result of a project that has been carried out as a joint activity between the relevant CEN Workshops: i.e. eBES, eInvoicing-3 and BII2. The project is known as MUG (Message User guidelines).

The CWA is made up of three parts:

- Part 1: Introduction
- Part 2: European CORE INVOICE data model
- Part 3: European CORE INVOICE syntax mapping

The final CWA has been adopted by the three Workshops on the 30th of August 2011.

The current document is Part 3.

This CEN Workshop Agreement has been drafted and approved by a Workshop of representatives of interested parties on the 30th of August 2011, the constitution of which was supported by CEN following the public call for participation made on 24th of October 2010.

A list of the individuals and organizations which supported the technical consensus represented by the CEN Workshop Agreement is available to purchasers from the CEN-CENELEC Management Centre. These organizations were drawn from the following economic sectors:

- Information Technology;
- Trade Facilitation, and
- Financial Services industry.

The formal process followed by the Workshop in the development of the CEN Workshop Agreement has been endorsed by the National Members of CEN but neither the National Members of CEN nor the CEN-CENELEC Management Centre can be held accountable for the technical content of the CEN Workshop Agreement or possible conflict with standards or legislation. This CEN Workshop Agreement can in no way be held as being an official standard developed by CEN and its members.

The final review/endorsement round for this CWA was started on 1st June 2011 and was successfully closed on 31st July 2011. The final text of this CWA was submitted to CEN for publication on 1st September.

This CEN Workshop Agreement is publicly available as a reference document from the National Members of CEN: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

Comments or suggestions from the users of the CEN Workshop Agreement are welcome and should be addressed to the CEN-CENELEC Management Centre.

0 Introduction to part 3

0.1 Purpose

Part 3 of this CWA is concerned with mapping the business requirements, detailed in Part 2 of this CWA and in particular Section 4 – Logical Information Model and Section 5 – Business rules, against the UN/CEFACT Cross Industry Invoice (CII) XML Standard Version 2 syntax.¹

0.2 References

UN/CEFACT Cross Industry Invoice D09B XML Schema

¹ The UN/CEFACT Cross Industry Invoice XML Standard Version 2 was developed according to the UN/CEFACT Core Component Technical Specification version 2.01 and XML Naming and Design Rules version 2.0 Corrigendum 1 Technical Specification.

UN/CEFACT is currently working on an update to the Cross Industry Invoice XML Standard using the Core Component Technical Specification version 3.0 (CCTS 3.0) and XML Naming and Design Rules version 3.0 Corrigendum 1 Technical Specification (NDR 3.0). The mapping to CCTS 3.0 and NDR 3.0 version of CII included in this CWA is 'Informative' as the new version of the CII is likely to change before official publication.

1 Requirements Mapping

1.1 XPath Table

The following table details the relevant XPaths for the required data elements in the UN/CEFACT Cross Industry Invoice D09B XML Schema.

The prefixes used in the XPath Table have the following namespaces:

Prefix used	Applicable namespace
rsm	urn:un:unece:uncefact:data:standard:CrossIndustryInvoice:2
ram	urn:un:unece:uncefact:data:standard:ReusableAggregateBusinessInformationEntity:8

Actual implementations may use other prefixes or defaults, but must use the same namespaces.

The ordering of the elements in the following table is the same order as the table in Part 2 Section 4.2 Data Model. The actual order in an XML instance is described in Section 3 Example Walkthrough later in this document.

Data ID	Cd	Element name	XPaths
INV001	0..1	Customization identifier	rsm:CrossIndustryInvoice/rsm:CIExchangedDocumentContext/ram:GuidelineSpecifiedCIDocumentContextParameter/ram:ID
INV002	0..1	Business process identifier	rsm:CrossIndustryInvoice/rsm:CIExchangedDocumentContext/ram:BusinessProcessSpecifiedCIDocumentContextParameter/ram:ID
INV078	0..1	Message transaction identifier	rsm:CrossIndustryInvoice/rsm:CIExchangedDocumentContext/ram:SpecifiedTransactionID
INV080	0..1	Invoice type code	rsm:CrossIndustryInvoice/rsm:CIIHExchangedDocument/ram:TypeCode
INV003	1..1	Invoice identifier	rsm:CrossIndustryInvoice/rsm:CIIHExchangedDocument/ram:ID
INV004	1..1	Invoice issue date	rsm:CrossIndustryInvoice/rsm:CIIHExchangedDocument/ram:IssueDateTime
INV005	0..1	Document level textual note	rsm:CrossIndustryInvoice/rsm:CIIHExchangedDocument/ram:IncludedCINote/ram:Content
INV007	1..1	Invoice currency code	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:InvoiceCurrencyCode
INV008	0..1	Buyer accounting string	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:ReceivableSpecifiedCITradeAccountingAccount/ram:ID
	0..1	Invoice period information	
INV009	1..1	Invoice period start date	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:BillingCISpecifiedPeriod/ram:StartDateTime
INV010	1..1	Invoice period end date	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:BillingCISpecifiedPeriod/ram:EndDateTime
INV082	0..1	Buyer reference identifier	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:AdditionalReferencedCISpecifiedReferencedDocument/ram:IssuerAssignedID
INV011	0..1	Order identifier	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:BuyerOrderReferencedCISpecifiedReferencedDocument/ram:IssuerAssignedID
INV012	0..1	Contract identifier	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:ContractReferencedCISpecifiedReferencedDocument/ram:IssuerAssignedID

Data ID	Cd	Element name	XPaths
INV083	0..1	Contract type, text	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:ContractReferencedCIReferencedDocument/ram:Name
INV084	0..1	Contract type, coded	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:ContractReferencedCIReferencedDocument/ram:ReferenceTypeCode
INV013	0..1	Attached binary object	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:AdditionalReferencedCIReferencedDocument/ram:AttachedSpecifiedBinaryFile/ram:IncludedBinaryObject
INV085	0..1	Seller registered identifier	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:SellerCITradeParty/ram:ID
INV014	1..1	Seller name	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:SellerCITradeParty/ram:Name
INV015	1..1	Seller address line1	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:SellerCITradeParty/ram:PostalCITradeAddress/ram:LineOne
INV086	0..1	Seller address line2	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:SellerCITradeParty/ram:PostalCITradeAddress/ram:LineTwo
INV016	1..1	Seller address city	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:SellerCITradeParty/ram:PostalCITradeAddress/ram:CityName
INV017	0..1	Seller address post code	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:SellerCITradeParty/ram:PostalCITradeAddress/ram:PostcodeCode
INV018	0..1	Seller address country sub division	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:SellerCITradeParty/ram:PostalCITradeAddress/ram:CountrySubDivisionName
INV019	1..1	Seller address country code	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:SellerCITradeParty/ram:PostalCITradeAddress/ram:CountryID
INV020	0..1	Seller VAT identifier	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:SellerCITradeParty/ram:SpecifiedCITaxRegistration/ram:ID
INV021	0..1	Seller legal registration identifier	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:SellerCITradeParty/ram:SpecifiedCILegalOrganization/ram:AuthorizedCILegalRegistration/ram:ID
INV097	0..1	Seller electronic address	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:SellerCITradeParty/ram:EndPointURICUniversalCommunication/ram:URIID
INV098	0..1	Seller tax registration status	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:SellerCITradeParty/ram:SpecifiedCITaxRegistration/ram:AssociatedCIRegisteredTax/ram:Description
INV022	0..1	Seller contact telephone number	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:SellerCITradeParty/ram:DefinedCITradeContact/ram:TelephoneCIUniversalCommunication/ram:CompleteNumber
INV023	0..1	Seller contact fax number	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:SellerCITradeParty/ram:DefinedCITradeContact/ram:FaxCIUniversalCommunication/ram:CompleteNumber
INV024	0..1	Seller contact email address	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:SellerCITradeParty/ram:DefinedCITradeContact/ram:EmailURICUniversalCommunication/ram:URIID
INV025	0..1	Seller contact person name	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:SellerCITradeParty/ram:DefinedCITradeContact/ram:PersonName

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Data ID	Cd	Element name	XPaths
INV087	0..1	Buyer registered identifier	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:BuyerCITradeParty/ram:ID
INV026	1..1	Buyer name	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:BuyerCITradeParty/ram:Name
INV027	1..1	Buyer address line1	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:BuyerCITradeParty/ram:PostalCITradeAddress/ram:LineOne
INV088	0..1	Buyer address line2	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:BuyerCITradeParty/ram:PostalCITradeAddress/ram:LineTwo
INV028	1..1	Buyer address city	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:BuyerCITradeParty/ram:PostalCITradeAddress/ram:CityName
INV029	0..1	Buyer address post code	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:BuyerCITradeParty/ram:PostalCITradeAddress/ram:PostcodeCode
INV030	0..1	Buyer address country sub division	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:BuyerCITradeParty/ram:PostalCITradeAddress/ram:CountrySubDivisionName
INV031	1..1	Buyer address country code	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:BuyerCITradeParty/ram:PostalCITradeAddress/ram:CountryID
INV032	0..1	Buyer VAT identifier	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:BuyerCITradeParty/ram:SpecifiedCITaxRegistration/ram:ID
INV033	0..1	Buyer legal registration identifier	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:BuyerCITradeParty/ram:SpecifiedCILegalOrganization/ram:AuthorizedCILegalRegistration/ram:ID
INV099	0..1	Buyers electronic address	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:BuyerCITradeParty/ram:EndPointURICIUiversalCommunication/ram:URIID
INV034	0..1	Buyer contact telephone number	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:BuyerCITradeParty/ram:DefinedCITradeContact/ram:TelephoneCIUniversalCommunication/ram:CompleteNumber
INV035	0..1	Buyer contact fax number	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:BuyerCITradeParty/ram:DefinedCITradeContact/ram:FaxCIUniversalCommunication/ram:CompleteNumber
INV036	0..1	Buyer contact email address	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:BuyerCITradeParty/ram:DefinedCITradeContact/ram:EmailURICIUiversalCommunication/ram:URIID
INV037	0..1	Buyer contact person name	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeAgreement/ram:BuyerCITradeParty/ram:DefinedCITradeContact/ram:PersonName
INV038	0..1	Delivery date	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeDelivery/ram:ActualDeliveryCISupplyChainEvent/ram:OccurrenceDateTime
INV100	0..1	Delivered to location identifier	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeDelivery/ram:ShipToCITradeParty/ram:PostalCITradeAddress/ram:ID
INV101	0..1	Delivered to address line 1	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeDelivery/ram:ShipToCITradeParty/ram:PostalCITradeAddress/ram:LineOne
INV102	0..1	Delivered to address line 2	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeDelivery/ram:ShipToCITradeParty/ram:PostalCITradeAddress/ram:LineTwo

Data ID	Cd	Element name	XPaths
INV103	0..1	Delivered to address city	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeDelivery/ram:ShipToCITradeParty/ram:PostalCITradeAddress/ram:CityName
INV104	0..1	Delivered to address post code	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeDelivery/ram:ShipToCITradeParty/ram:PostalCITradeAddress/ram:PostcodeCode
INV105	0..1	Delivered to address country sub division	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeDelivery/ram:ShipToCITradeParty/ram:PostalCITradeAddress/ram:CountrySubDivisionName
INV039	0..1	Delivery country	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeDelivery/ram:ShipToCITradeParty/ram:PostalCITradeAddress/ram:CountryID
INV040	0..1	Payment means type	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:SpecifiedCITradeSettlementPaymentMeans/ram:TypeCode
INV041	0..1	Payment due date	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:SpecifiedCITradePaymentTerms/ram:DueDateDateTime
INV042	0..1	Sellers payment identifier	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:PaymentReference
INV043	0..1	Account identifier	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:SpecifiedCITradeSettlementPaymentMeans/ram:PayeePartyCICreditorFinancialAccount/ram:IBANID rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:SpecifiedCITradeSettlementPaymentMeans/ram:PayeePartyCICreditorFinancialAccount/ram:ProprietaryID
INV044	0..1	Sellers financial institution branch identifier	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:SpecifiedCITradeSettlementPaymentMeans/ram:PayeeSpecifiedCICreditorFinancialInstitution/ram:SubDivisionBranchFinancialInstitution/ram:ID
INV045	0..1	Financial institution identifier	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:SpecifiedCITradeSettlementPaymentMeans/ram:PayeeSpecifiedCICreditorFinancialInstitution/ram:BCID
INV046	0..1	Payment terms	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:SpecifiedCITradePaymentTerms/ram:Description
	0..n	Document level allowance or charge details	
INV047	1..1	Document level allowance or charge amount	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:SpecifiedCITradeAllowanceCharge/ram:ChargeIndicator rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:SpecifiedCITradeAllowanceCharge/ram:ActualAmount
INV048	0..1	Allowance and charges VAT category	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:SpecifiedCITradeAllowanceCharge/ram:CategoryCITradeTax/ram:TypeCode rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:SpecifiedCITradeAllowanceCharge/ram:CategoryCITradeTax/ram:CategoryCode

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Data ID	Cd	Element name	XPaths
INV091	1..1	Allowance and charges reason text	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:SpecifiedCITradeAllowanceCharge/ram:Reason
INV092	0..1	Allowance and charges reason code	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:SpecifiedCITradeAllowanceCharge/ram:ReasonCode
INV049	0..1	VAT total amount	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:SpecifiedCIIHTradeSettlementMonetarySummation/ram:TaxTotalAmount
INV093	0..1	VAT total amount in local currency	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:SpecifiedCIIHTradeSettlementMonetarySummation/ram:TaxTotalAmount
	0..n	VAT category details	
INV050	1..1	VAT category taxable amount	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:ApplicableCITradeTax/ram:BasisAmount
INV051	1..1	VAT category tax amount	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:ApplicableCITradeTax/ram:CalculatedAmount
INV052	1..1	VAT category code	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:ApplicableCITradeTax/ram:TypeCode rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:ApplicableCITradeTax/ram:CategoryCode
INV096	1..1	VAT category percentage	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:ApplicableCITradeTax/ram:RateApplicablePercent
INV053	0..1	VAT exemption reason text	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:ApplicableCITradeTax/ram:ExemptionReason
INV054	1..1	Sum of line amounts	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:SpecifiedCIIHTradeSettlementMonetarySummation/ram:LineTotalAmount
INV055	1..1	Invoice total without VAT	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:SpecifiedCIIHTradeSettlementMonetarySummation/ram:TaxBasisTotalAmount
INV056	1..1	Invoice total with VAT (value of purchase)	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:SpecifiedCIIHTradeSettlementMonetarySummation/ram:GrandTotalAmount
INV057	0..1	Sum of Allowances on document level	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:SpecifiedCIIHTradeSettlementMonetarySummation/ram:AllowanceTotalAmount
INV058	0..1	Sum of Charges on document level	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:SpecifiedCIIHTradeSettlementMonetarySummation/ram:ChargeTotalAmount
INV059	0..1	Paid amounts	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:SpecifiedCIIHTradeSettlementMonetarySummation/ram:TotalPrepaidAmount
INV060	0..1	Rounding of Invoice total	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:SpecifiedCIIHTradeSettlementMonetarySummation/ram:RoundingAmount
INV061	1..1	Amount due for payment	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:ApplicableCIIHSupplyChainTradeSettlement/ram:DuePayableAmount

	1..n	Invoice line	
INV062	1..1	Invoice line identifier	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:IncludedCIILSupplyChainTradeLineItem/ram:AssociatedCIILDocumentLineDocument/ram:LineID
INV063	0..1	Line textual note	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:IncludedCIILSupplyChainTradeLineItem/ram:AssociatedCIILDocumentLineDocument/ram:IncludedCINote/ram:Content
INV064	1..1	Invoiced quantity	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:IncludedCIILSupplyChainTradeLineItem/ram:SpecifiedCIILSupplyChainTradeDelivery/ram:BilledQuantity
INV094	1..1	Quantity Unit of measure	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:IncludedCIILSupplyChainTradeLineItem/ram:SpecifiedCIILSupplyChainTradeDelivery/ram:BilledQuantity/@unitCode
INV065	1..1	Invoice line net amount	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:IncludedCIILSupplyChainTradeLineItem/ram:SpecifiedCIILSupplyChainTradeSettlement/ram:SpecifiedCIILTradeSettlementMonetarySummation/ram:LineTotalAmount
INV066	0..1	Invoice line to order line reference	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:IncludedCIILSupplyChainTradeLineItem/ram:SpecifiedCIILSupplyChainTradeAgreement/ram:BuyerOrderReferencedCIReferencedDocument/ram:LineID
INV068	1..1	Invoice line item name	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:IncludedCIILSupplyChainTradeLineItem/ram:SpecifiedCITradeProduct/ram:Name
INV069	0..1	Invoice line item sellers identifier	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:IncludedCIILSupplyChainTradeLineItem/ram:SpecifiedCITradeProduct/ram:SellerAssignedID
INV070	0..1	Invoice line item registered identifier	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:IncludedCIILSupplyChainTradeLineItem/ram:SpecifiedCITradeProduct/ram:ID
INV071	0..2	Invoice line item commodity classification	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:IncludedCIILSupplyChainTradeLineItem/ram:SpecifiedCITradeProduct/ram:DesignatedCIPProductClassification/ram:ClassCode rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:IncludedCIILSupplyChainTradeLineItem/ram:SpecifiedCITradeProduct/ram:DesignatedCIPProductClassification/ram:SubClassCode
INV072	0..1	Invoice line VAT category code	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:IncludedCIILSupplyChainTradeLineItem/ram:SpecifiedCIILSupplyChainTradeSettlement/ram:ApplicableCITradeTax/ram:TypeCode rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:IncludedCIILSupplyChainTradeLineItem/ram:SpecifiedCIILSupplyChainTradeSettlement/ram:ApplicableCITradeTax/ram:CategoryCode
INV073	0..n	Item attribute	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:IncludedCIILSupplyChainTradeLineItem/ram:SpecifiedCITradeProduct/ram:ApplicableCIProductCharacteristic/ram:Description rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:IncludedCIILSupplyChainTradeLineItem/ram:SpecifiedCITradeProduct/ram:ApplicableCIProductCharacteristic/ram:ValueMeasure
INV095	0..1	Item country of origin	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:IncludedCIILSupplyChainTradeLineItem/ram:SpecifiedCITradeProduct/ram:OriginCITradeCountry/ram:ID
INV075	0..1	Invoice line item net price	rsm:CrossIndustryInvoice/rsm:CIIHSupplyChainTradeTransaction/ram:IncludedCIILSupplyChainTradeLineItem/ram:SpecifiedCIILSupplyChainTradeAgreement/ram:NetPriceProductCITradePrice/ram:ChargeAmount

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INV076	0..1	Invoice line item price discount	<p>rsm:CrossIndustryInvoice/rsm:CIISupplyChainTradeTransaction/ram:IncludedCIILSupplyChainTradeLineItem/ram:SpecifiedCIILSupplyChainTradeAgreement/ram:GrossPriceProductCITradePrice/ram:AppliedCITradeAllowanceCharge/ram:ReasonCode</p> <p>rsm:CrossIndustryInvoice/rsm:CIISupplyChainTradeTransaction/ram:IncludedCIILSupplyChainTradeLineItem/ram:SpecifiedCIILSupplyChainTradeAgreement/ram:GrossPriceProductCITradePrice/ram:AppliedCITradeAllowanceCharge/ram:ActualAmount</p>
INV077	0..1	Invoice line item gross price	<p>rsm:CrossIndustryInvoice/rsm:CIISupplyChainTradeTransaction/ram:IncludedCIILSupplyChainTradeLineItem/ram:SpecifiedCIILSupplyChainTradeAgreement/ram:GrossPriceProductCITradePrice/ram:ChargeAmount</p>

2 Example Walkthrough

2.1 General

In this Section we walk through an Example XML instance that complies with this Implementation Guideline and also validates to the UN/CEFACT Cross Industry Invoice D09B XML Schema. The Example XML instance is replicated in full in Section 4 and the original file is included in an XML Schema Pack (Annex B).

2.2 Rules

In this section any specific syntax requirements or recommendations are further highlighted by the use of rules. The cardinality of the individual data elements is covered in Section 2 but the syntax may require, or recommend additional information when these data elements are included in an instance file.

The rules are shown in the following format.

[Rule Number]	Rule text.
---------------	------------

The keywords MUST, MUST NOT, REQUIRED, SHALL, SHALL NOT, SHOULD, SHOULD NOT, RECOMMENDED, MAY, and OPTIONAL, when they appear in the rules in this Part 3 of the implementation guideline, are to be interpreted as described in Internet Engineering Task Force (IETF) Request For Comments (RFC) 2119.

2.3 Overview

2.3.1 General

In the Example XML instance there is extensive use of XML Comments (<!-- -->) to provide further explanation in the example and traceability back to the Business Requirements. The XML Comments should not be included in actual instance files.

[R001]	The XML Comments (<!-- -->) SHOULD NOT be included in actual instance files.
--------	--

It should also be noted that the Example includes ALL the possible data elements. Implementers should refer to the XPath Table in Section 2 to confirm the mandatory and optional elements, and any additional mandatory requirements noted in this Section, for an optimal XML instance.

2.3.2 Date/Times

The Date/Time data type in a UN/CEFACT CII XML Schema allows for the inclusion of times. In the Core Invoice only dates are required and the time part is not required. To ensure instance files can be validated against the UN/CEFACT CII XML Schema the time part of all the Date/Time values should be "00:00:00" (set to midnight). A Date/Time value should be formatted as "YYYY-MM-DDT00:00:00".

[R002]	A Date/Time value SHOULD be formatted as "YYYY-MM-DDT00:00:00".
--------	---

2.3.3 Style sheet reference

The following extract shows an overview of a Core Cross Industry Invoice (CII). The <?xml-stylesheet href='CEN_Core_Invoice_201_v1.0.xsl' type='text/xsl'?> text at the beginning of the file allows the example file to be opened up in a browser for a user-friendly view. A style sheet reference line may be included in actual instance files.

[R003]	A style sheet reference line MAY be included.
--------	---

2.3.4 Schema Location

The schemaLocation attribute value in this CWA Example is set to

“urn:un:unece:uncefact:data:standard:CrossIndustryInvoice:2 data/standard/CrossIndustryInvoice_2p0.xsd” to validate against the provided UN/CEFACT XML Schema.

To prevent unnecessary attempts at resolving inaccessible schema locations both the xsi:schemaLocation and the xmlns:xsi attributes should be omitted from instance files.

[R004]	The xsi:schemaLocation attribute SHOULD NOT be included in the Root Element.
[R005]	The xmlns:xsi namespace declaration attribute SHOULD NOT be included in the Root Element.

2.3.5 Namespace Declarations

The namespaces used in the CII XML Schema are

“urn:un:unece:uncefact:data:standard:CrossIndustryInvoice:2” and

“urn:un:unece:uncefact:data:standard:ReusableAggregateBusinessInformationEntity:8” to align with the declarations in the provided UN/CEFACT XML Schema.

[R006]	An instance file MUST have declarations for the following namespaces: urn:un:unece:uncefact:data:standard:CrossIndustryInvoice:2 urn:un:unece:uncefact:data:standard:ReusableAggregateBusinessInformationEntity:8
--------	---

2.3.6 Content

A Core Invoice contains three main parts:

1. Context information (see Section 3.3 Document Context);
2. Basic document information (see Section 3.4 Exchanged Document);
3. The actual invoice information (see Section 3.5 Trade Transaction).

```

<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet href='CEN_Core_Invoice_201_v1.0.xsl' type='text/xsl'?><!-- Optional Line to use provided
stylesheet -->
<!-- ----- -->
<!-- CEN Core Cross Industry Invoice Sample File -->
<!-- This version dated 30/08/2011 -->
<!-- ----- -->
<!-- NOTE: Comments in this sample file are -->
<!-- explanatory notes for guidance and are not -->
<!-- required in conformant instance files -->
<!-- ----- -->
<!-- ----- -->
<rsm:CrossIndustryInvoice xsi:schemaLocation="urn:un:unece:uncefact:data:standard:CrossIndustryInvoice:2
data/standard/CrossIndustryInvoice_2p0.xsd" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:rsm="urn:un:unece:uncefact:data:standard:CrossIndustryInvoice:2"
xmlns:ram="urn:un:unece:uncefact:data:standard:ReusableAggregateBusinessInformationEntity:8">
  <rsm:CIIExchangedDocumentContext>
  <rsm:CIIHExchangedDocument>
  <rsm:CIIHSupplyChainTradeTransaction>
</rsm:CrossIndustryInvoice>
    
```

2.4 Document Context

This part of the Core Invoice may contain information about the actual transaction and/or business process to which the invoice belongs. It may also contain a customization ID to confirm further contextualization/business rules that should apply to the instance.

There are no particular requirements regarding the format or values for the Identifiers in this part.

Refer to Section 5 for mandatory and optional attributes for IDs.

```

<rsm:CIXchangedDocumentContext>
  <ram:SpecifiedTransactionID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency
name here}">Message transaction identifier</ram:SpecifiedTransactionID>
  <!-- INV078 - Message transaction identifier ( 0..1 ) -->
  <ram:BusinessProcessSpecifiedCIDocumentContextParameter>
    <ram:ID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency name
here}">Business process identifier</ram:ID>
    <!-- INV002 - Business process identifier ( 0..1 ) -->
  </ram:BusinessProcessSpecifiedCIDocumentContextParameter>
  <ram:GuidelineSpecifiedCIDocumentContextParameter>
    <ram:ID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency name
here}">Customization identifier</ram:ID>
    <!-- INV001 - Customization identifier ( 0..1 ) -->
  </ram:GuidelineSpecifiedCIDocumentContextParameter>
</rsm:CIXchangedDocumentContext>

```

2.5 Exchanged Document

NOTE This part of the Core Invoice contains the Invoice Number, the Type of Invoice, Issue Date, and the document-level note.

2.5.1 Invoice Number

As the invoice number will always be defined by the Seller there is no requirement to include attributes.

2.5.2 Type Code

There is a single value that must be included in the Type Code element. For the Core Invoice the value must be 380.

[R007]	The Type Code MUST be 380.
--------	----------------------------

2.5.3 Issue Date/Time

See Section 3.2.1 regarding the format of Date/Times in the Core Invoice.

```
<rsm:CIIHExchangedDocument>
  <ram:ID>Invoice identifier</ram:ID>
  <!-- INV003 - Invoice identifier ( 1..1 ) -->
  <ram:TypeCode>380</ram:TypeCode>
  <!-- INV080 - Invoice type code ( 0..1 ) -->
  <ram:IssueDateTime>2011-05-09T00:00:00</ram:IssueDateTime>
  <!-- INV004 - Invoice issue date ( 1..1 ) -->
  <ram:IncludedCINote>
    <ram:Content>Document level textual note</ram:Content>
    <!-- INV005 - Document level textual note ( 0..1 ) -->
  </ram:IncludedCINote>
</rsm:CIIHExchangedDocument>
```


2.6 Trade Transaction

2.6.1 General

The next main part of a Core Invoice is the Trade Transaction section which contains the main invoice information.

The section contains four parts:

1. Agreement information (Section 3.5.1);
2. Delivery information (Section 3.5.2);
3. Settlement information (Section 3.5.3);
4. The invoice line items (Section 3.5.4).

The first three parts make up the Invoice Header (together with the information from Section 3.3).

```
<rsm:CIIHSupplyChainTradeTransaction>
  <ram:ApplicableCIIHSupplyChainTradeAgreement>
  <ram:ApplicableCIIHSupplyChainTradeDelivery>
  <ram:ApplicableCIIHSupplyChainTradeSettlement>
  <ram:IncludedCIILSupplyChainTradeLineItem>
</rsm:CIIHSupplyChainTradeTransaction>
```

2.6.2 Trade Agreement

2.6.2.1 General

In the Trade Agreement part of the Core Invoice contains details of the seller (Section 3.5.1.1) and buyer (Section 3.5.1.2), and references to any relevant order contract or other relevant documents (Section 3.5.1.3).

```
<ram:ApplicableCIIHSupplyChainTradeAgreement>
  <ram:SellerCITradeParty>
  <ram:BuyerCITradeParty>
  <ram:BuyerOrderReferencedCIReferencedDocument>
  <ram:ContractReferencedCIReferencedDocument>
  <ram:AdditionalReferencedCIReferencedDocument>
</ram:ApplicableCIIHSupplyChainTradeAgreement>
```

2.6.2.2 Seller

This part of the Core Invoice contains the information about the Seller.

2.6.2.3 Identifiers

In this part of the Core Invoice the Country ID value must be taken from ISO two letter country code list.

Refer to Section 5 for mandatory and optional attributes for IDs.

[R008]	The CountryID value MUST be taken from ISO two letter country code list 3166-1 alpha-2.
--------	---

2.6.2.4 Post Codes

No attributes are required for the Postcode element.

[R009]	No attributes are required for the PostcodeCode element in the Seller section.
--------	--

```

<ram:SellerCITradeParty>
  <ram:ID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency name
  here}">123456789</ram:ID>
  <!-- INV085 - Seller standard identifier. ( 0..1 ) -->
  <ram:Name>Seller name</ram:Name>
  <!-- INV014 - Seller name ( 1..1 ) -->
  <ram:SpecifiedCILegalOrganization>
    <ram:AuthorizedCILegalRegistration>
      <ram:ID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency name
      here}">Seller legal registration identifier</ram:ID>
      <!-- INV021 - Seller legal registration identifier ( 0..1 ) -->
    </ram:AuthorizedCILegalRegistration>
  </ram:SpecifiedCILegalOrganization>
  <ram:DefinedCITradeContact>
    <ram:PersonName>Seller contact person name</ram:PersonName>
    <!-- INV025 - Seller contact person name ( 0..1 ) -->
    <ram:TelephoneCIUniversalCommunication>
      <ram:CompleteNumber>Seller contact telephone number</ram:CompleteNumber>
      <!-- INV022 - Seller contact telephone number ( 0..1 ) -->
    </ram:TelephoneCIUniversalCommunication>
    <ram:FaxCIUniversalCommunication>
      <ram:CompleteNumber>Seller contact fax
      number</ram:CompleteNumber>
      <!-- INV023 - Seller contact fax number ( 0..1 ) -->
    </ram:FaxCIUniversalCommunication>
    <ram:EmailURICIUniversalCommunication>
      <ram:URIID>Seller contact email address</ram:URIID>
      <!-- INV024 - Seller contact email address ( 0..1 ) -->
    </ram:EmailURICIUniversalCommunication>
  </ram:DefinedCITradeContact>
  <ram:PostalCITradeAddress>
    <ram:PostcodeCode>Seller address post code</ram:PostcodeCode>
    <!-- INV017 - Seller address post code ( 1..1 ) -->
    <ram:LineOne>Seller address line1</ram:LineOne>
    <!-- INV015 - Seller address line1 ( 1..1 ) -->
    <ram:LineTwo>Seller address line2</ram:LineTwo>
    <!-- INV086 - Seller address line2 ( 0..1 ) -->
    <ram:CityName>Seller address city</ram:CityName>
    <!-- INV016 - Seller address city ( 1..1 ) -->
  <ram:CountryID schemeID="3166-1 alpha-2" schemeAgencyID="5">GB</ram:CountryID>
  <!-- INV019 - Seller address country code ( 1..1 ) -->
  <ram:CountrySubDivisionName>Seller address country sub
  entity</ram:CountrySubDivisionName>
  <!-- INV018 - Seller address country sub entity ( 0..1 ) -->
  </ram:PostalCITradeAddress>
  <ram:SpecifiedCITaxRegistration>
    <ram:ID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency name
    here}">GB123456789</ram:ID>
    <!-- INV020 - Seller VAT identifier ( 0..1 ) -->
  </ram:SpecifiedCITaxRegistration>
  <ram:SpecifiedCITaxRegistration>
    <ram:AssociatedCIRegisteredTax>
      <ram:Description>Seller tax registration status</ram:Description>
      <!-- INV098 - Seller tax registration status ( 0..1 ) -->
    </ram:AssociatedCIRegisteredTax>
  </ram:SpecifiedCITaxRegistration>
  <ram:EndPointURICIUniversalCommunication>
    <ram:URIID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency name
    here}">Seller electronic address</ram:URIID>
    <!-- INV097 - Seller electronic address ( 0..1 ) -->
  </ram:EndPointURICIUniversalCommunication>
</ram:SellerCITradeParty>

```

2.6.2.5 Buyer

NOTE This part of the Core Invoice contains the information about the Buyer.

2.6.2.5.1 Identifiers

In this part of the Core Invoice the Country ID value must be taken from ISO two letter country code list.

Refer to Section 5 for mandatory and optional attributes for IDs.

[R010]	The CountryID value must be taken from ISO two letter country code list 3166-1 alpha-2.
--------	---

2.6.2.5.2 Post Codes

No attributes are required for the Postcode element.

[R011]	No attributes are required for the PostcodeCode element in the Buyer section.
--------	---

```

<ram:BuyerCITradeParty>
  <ram:ID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency name
  here}">3210987654321</ram:ID>
    <!-- INV087 - Buyer standard identifier ( 0..1 ) -->
    <ram:Name>Buyer name</ram:Name>
    <!-- INV026 - Buyer name ( 1..1 ) -->
    <ram:SpecifiedCILegalOrganization>
      <ram:AuthorizedCILegalRegistration>
        <ram:ID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency name
        here}">Buyer legal registration identifier</ram:ID>
          <!-- INV033 - Buyer legal registration identifier ( 0..1 ) -->
          </ram:AuthorizedCILegalRegistration>
        </ram:SpecifiedCILegalOrganization>
      </ram:SpecifiedCILegalOrganization>
    <ram:DefinedCITradeContact>
      <ram:PersonName>Buyer contact person name</ram:PersonName>
      <!-- INV037 - Buyer contact person name ( 0..1 ) -->
      <ram:TelephoneCIUniversalCommunication>
        <ram:CompleteNumber>Buyer contact telephone number</ram:CompleteNumber>
        <!-- INV034 - Buyer contact telephone number ( 0..1 ) -->
        </ram:TelephoneCIUniversalCommunication>
      <ram:FaxCIUniversalCommunication>
        <ram:CompleteNumber>Buyer contact fax number </ram:CompleteNumber>
        <!-- INV035 - Buyer contact fax number ( 0..1 ) -->
        </ram:FaxCIUniversalCommunication>
      <ram:EmailURICIUniversalCommunication>
        <ram:URIID>Buyer contact email address</ram:URIID>
        <!-- INV036 - Buyer contact email address ( 0..1 ) -->
        </ram:EmailURICIUniversalCommunication>
      </ram:DefinedCITradeContact>
    <ram:PostalCITradeAddress>
      <ram:PostcodeCode>Buyer address post code</ram:PostcodeCode>
      <!-- INV029 - Buyer address post code ( 1..1 ) -->
      <ram:LineOne>Buyer address line1</ram:LineOne>
      <!-- INV027 - Buyer address line1 ( 1..1 ) -->
      <ram:LineTwo>Buyer address line2</ram:LineTwo>
      <!-- INV088 - Buyer address line2 ( 0..1 ) -->
      <ram:CityName>Buyer address city</ram:CityName>
      <!-- INV028 - Buyer address city ( 1..1 ) -->
      <ram:CountryID schemeID="3166-1 alpha-2" schemeAgencyID="5">FR</ram:CountryID>
      <!-- INV031 - Buyer address country code ( 1..1 ) -->
      <ram:CountrySubDivisionName>Buyer address country sub
      entity</ram:CountrySubDivisionName>
      <!-- INV030 - Buyer address country sub entity ( 0..1 ) -->
      </ram:PostalCITradeAddress>
    <ram:SpecifiedCITaxRegistration>
      <ram:ID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency name
      here}">Buyer VAT identifier</ram:ID>
      <!-- INV032 - Buyer VAT identifier ( 0..1 ) -->
      </ram:SpecifiedCITaxRegistration>
    <ram:EndPointURICIUniversalCommunication>
      <ram:URIID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency name
      here}">Buyer electronic address</ram:URIID>
      <!-- INV099 - Buyer electronic address ( 0..1 ) -->
      </ram:EndPointURICIUniversalCommunication>
    </ram:BuyerCITradeParty>

```

2.6.2.6 Referencing an Order, Contract, or other Documents

NOTE This part of the Core Invoice contains the information about the Order, Contract, or other Documents.

2.6.2.6.1 Identifiers

Refer to Section 5 for mandatory and optional attributes for IDs.

2.6.2.6.2 Reference Type Code

There is a restricted set of values that can be included in Reference Type Code element (which is used to convey the Contract Type). See Section 6 for the codes that MAY be used.

2.6.2.6.3 Attachments

The Core Invoice allows for embedded attachments as binary files. In order to correctly process these files the Included Binary Object element MUST include the mimeType attribute.

Attachments should be Base64 encoded and should not be larger than 5Mb.

See Section 6 for the codes that MUST be used for the mimeType attribute.

[R012]	The IncludedBinaryObject element MUST include the mimeType attribute.
[R013]	Attachments MUST be Base64 encoded.
[R014]	Attachments SHOULD not be larger than 5Mb.

```

<ram:BuyerOrderReferencedCIReferencedDocument>
  <ram:IssuerAssignedID>Order reference identifier</ram:IssuerAssignedID>
  <!-- INV011 - Order reference identifier ( 0..1 ) -->
</ram:BuyerOrderReferencedCIReferencedDocument>
<ram:ContractReferencedCIReferencedDocument>
  <ram:IssuerAssignedID>Contract reference identifier</ram:IssuerAssignedID>
  <!-- INV012 - Contract reference identifier ( 0..1 ) -->
  <ram:ReferenceTypeCode>AAA</ram:ReferenceTypeCode>
  <!-- INV084 - Contract type, coded ( 0..1 ) -->
  <ram:Name>Contract type, text</ram:Name>
  <!-- INV083 - Contract type, text ( 0..1 ) -->
</ram:ContractReferencedCIReferencedDocument>
<ram:AdditionalReferencedCIReferencedDocument>
  <ram:IssuerAssignedID>Buyer reference identifier</ram:IssuerAssignedID>
  <!-- INV082 - Buyer reference identifier ( 0..1 ) -->
  <ram:AttachedSpecifiedBinaryFile>
    <ram:IncludedBinaryObject mimeType="application/pdf">UjBsR09EbGhjZ0dTQUxN
    QUFBUNBRU1tQ1p0dU1GUXhEUzhi</ram:IncludedBinaryObject>
    <!-- INV013 - Attached binary object ( 0..1 ) -->
  </ram:AttachedSpecifiedBinaryFile>
</ram:AdditionalReferencedCIReferencedDocument>

```

2.6.3 Trade Delivery

NOTE This part of the Core Invoice contains the delivery date and delivery location.

2.6.3.1 Delivery Location

In this part of the Core Invoice the Country ID value must be taken from ISO two letter country code list.

Refer to Section 5 for mandatory and optional attributes for IDs.

[R015]	The CountryID value must be taken from ISO two letter country code list 3166-1 alpha-2.
--------	---

2.6.3.2 Occurrence Date/Time (delivery date)

See Section 3.2.1 regarding the format of Date/Times in the Core Invoice.

```

<ram:ApplicableCIHSupplyChainTradeDelivery>
  <ram:ShipToCITradeParty>
    <ram:PostalCITradeAddress>
      <ram:ID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency name here}">Delivered to location identifier</ram:ID>
      <!-- INV100 - Delivered to location identifier ( 0..1 ) -->
      <ram:PostcodeCode>Delivered to address post code</ram:PostcodeCode>
      <!-- INV104 - Delivered to address post code ( 0..1 ) -->
      <ram:LineOne>Delivered to address line 1</ram:LineOne>
      <!-- INV101 - Delivered to address line 1 ( 0..1 ) -->
      <ram:LineTwo>Delivered to address line 2</ram:LineTwo>
      <!-- INV102 - Delivered to address line 2 ( 0..1 ) -->
      <ram:CityName>Delivered to address city</ram:CityName>
      <!-- INV103 - Delivered to address city ( 0..1 ) -->
      <ram:CountryID schemeID="3166-1 alpha-2" schemeAgencyID="5">FR</ram:CountryID>
      <!-- INV039 - Delivery country ( 0..1 ) -->
      <ram:CountrySubDivisionName>Delivered to address country sub division</ram:CountrySubDivisionName>
      <!-- INV105 - Delivered to address country sub division ( 0..1 ) -->
    </ram:PostalCITradeAddress>
  </ram:ShipToCITradeParty>
  <ram:ActualDeliveryCISupplyChainEvent>
    <ram:OccurrenceDateTime>2011-03-31T00:00:00</ram:OccurrenceDateTime>
    <!-- INV038 - Delivery date ( 0..1 ) -->
  </ram:ActualDeliveryCISupplyChainEvent>
</ram:ApplicableCIHSupplyChainTradeDelivery>

```

2.6.4 Trade Settlement

2.6.4.1 General

The next part of a Core Invoice is the Trade Settlement section which contains the main payment, allowances, charges, and Value Added Tax information.

The section contains four parts:

1. Payment Means (Section 3.5.3.1);
2. Value Added Tax (Section 3.5.3.2);
3. Billing Periods (Section 3.5.3.3);
4. Allowance/Charges (Section 3.5.3.4);
5. Payment Terms (Section 3.5.3.5);
6. Monetary Summary (Section 3.5.3.6);
7. Accounting Accounts (Section 3.5.3.7).

```
<ram:ApplicableCIHSupplyChainTradeSettlement>
  <ram:DuePayableAmount>255</ram:DuePayableAmount>
  <!-- INV061 - Amount due for payment ( 1..1 ) -->
  <ram:PaymentReference>Seller payment identifier</ram:PaymentReference>
  <!-- INV042 - Seller payment identifier ( 0..1 ) -->
  <ram:InvoiceCurrencyCode listID="4217 3A" listAgencyID="5" listVersionID="2010-04-07">EUR</ram:InvoiceCurrencyCode>
  <!-- INV007 - Invoice currency code ( 1..1 ) -->
  <ram:TaxApplicableCITradeCurrencyExchange>
  <ram:SpecifiedCITradeSettlementPaymentMeans>
  <ram:ApplicableCITradeTax>
  <ram:BillingCISpecifiedPeriod>
  <ram:SpecifiedCITradeAllowanceCharge>
  <ram:SpecifiedCITradePaymentTerms>
  <ram:SpecifiedCIHTradeSettlementMonetarySummation>
  <ram:ReceivableSpecifiedCITradeAccountingAccount>
</ram:ApplicableCIHSupplyChainTradeSettlement>
```

2.6.4.2 Payment Means

This part of the Core Invoice contains the information about the Seller's bank account and/or Buyer's Payment Card.

Refer to Section 5 for mandatory and optional attributes for IDs.

```
<ram:SpecifiedCITradeSettlementPaymentMeans>
  <ram:TypeCode listID="MUG-4" listAgencyName="CEN" listVersionID="2011-8">31</ram:TypeCode>
  <!-- INV040 - Payment means type ( 0..1 ) -->
  <ram:PayeePartyCICreditorFinancialAccount>
    <!-- INV043 - Seller account identifier ( 0..1 ) -->
    <ram:IBANID>Seller account identifier</ram:IBANID>
    <ram:ProprietaryID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency name here}">Seller account identifier</ram:ProprietaryID>
  </ram:PayeePartyCICreditorFinancialAccount>
  <ram:PayeeSpecifiedCICreditorFinancialInstitution>
    <ram:BICID>Seller financial institution identifier</ram:BICID>
    <!-- INV045 - Seller financial institution identifier ( 0..1 ) -->
    <ram:SubDivisionBranchFinancialInstitution>
      <ram:ID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency name here}">Seller financial institution branch ID</ram:ID>
      <!-- INV044 - Seller financial institution branch identifier ( 0..1 ) -->
    </ram:SubDivisionBranchFinancialInstitution>
  </ram:PayeeSpecifiedCICreditorFinancialInstitution>
</ram:SpecifiedCITradeSettlementPaymentMeans>
```


2.6.4.3 Value Added Tax

This part of the Core Invoice contains the information about Value Added Tax.

Refer to Section 6 for mandatory and optional attributes for Codes.

```

<ram:ApplicableCITradeTax>
  <ram:CalculatedAmount>0.0</ram:CalculatedAmount>
  <!-- INV051 - VAT category tax amount ( 0..n ) -->
  <ram:TypeCode>VAT</ram:TypeCode>
  <ram:ExemptionReason>VAT exemption reason text</ram:ExemptionReason>
  <!-- INV053 - VAT exemption reason text ( 0..1 ) -->
  <ram:BasisAmount>8.9</ram:BasisAmount>
  <!-- INV050 - VAT category taxable amount ( 0..n ) --><ram:CategoryCode listID="MUG-1"
  listAgencyName="CEN" listVersionID="2011-8">E</ram:CategoryCode>
  <!-- INV052 - VAT category code ( 0..n ) -->
  <ram:RateApplicablePercent>0</ram:RateApplicablePercent>
  <!-- INV096 - INV096 - VAT category percentage ( 0..n ) -->
</ram:ApplicableCITradeTax>

```

2.6.4.4 Billing Periods

2.6.4.4.1 General

This part of the Core Invoice contains the information about Billing Periods where an invoice covers a period, for example in utilities and hiring equipment.

Where pairs of Date Times are used to express a Period then there is no restriction on the granularity of the time period. Users are permitted to use whatever values they consider appropriate. In the case of the Core Invoice the Invoice Period Start Date and Invoice Period End Date are mapped to elements with Date Time Data Types which allow granularity down to seconds if required.

2.6.4.4.2 Start Date/Time and End Date/Time

See Section 3.2.1 regarding the format of Date/Times in the Core Invoice.

```

<ram:BillingCISpecifiedPeriod>
  <ram:StartDateTime>2011-05-01T00:00:00</ram:StartDateTime>
  <!-- INV009 - Invoice period start date ( 0..1 ) -->
  <ram:EndDateTime>2011-05-31T00:00:00</ram:EndDateTime>
  <!-- INV010 - Invoice period end date ( 0..1 ) -->
</ram:BillingCISpecifiedPeriod>

```

2.6.4.5 Allowance/Charges

This part of the Core Invoice contains the information about allowances and charges in an invoice.

The Charge Indicator element is optional in UN/CEFACT XML Schema but in a Core Invoice it MUST be included and “true” or “false” are the only allowed values.

Refer to Section 5 for mandatory and optional attributes for IDs.

[R016]	The Charge Indicator element MUST be included and “true” or “false” are the only allowed values. “true” means a charge and “false” means an allowance.
--------	--

```

<ram:SpecifiedCITradeAllowanceCharge>
  <ram:ChargeIndicator>false</ram:ChargeIndicator>
  <ram:ActualAmount>8.9</ram:ActualAmount>
  <!-- INV047 - Document level allowance and charge amount ( 0..n ) -->
  <ram:Reason>General Error</ram:Reason>
  <!-- INV091 - Allowance and charges reason text ( 0..n ) -->
  <ram:CategoryCITradeTax>
    <ram:TypeCode>VAT</ram:TypeCode>
    <ram:CategoryCode listID="MUG-1" listAgencyName="CEN" listVersionID="2011-8">E</ram:CategoryCode>
    <!-- INV048 - Allowance and charges VAT category ( 0..n ) -->
  </ram:CategoryCITradeTax>
</ram:SpecifiedCITradeAllowanceCharge>
    
```

2.6.4.6 Payment Terms

2.6.4.6.1 General

This part of the Core Invoice contains the information about Payment Terms.

Payment terms should be included as a textual description.

2.6.4.6.2 Due Date/Time

See Section 3.2.1 regarding the format of Date/Times in the Core Invoice.

```

<ram:SpecifiedCITradePaymentTerms>
  <ram:Description>Payment terms</ram:Description>
  <!-- INV046 - Payment terms ( 0..1 ) -->
  <ram:DueDateDateTime>2011-05-09T00:00:00</ram:DueDateDateTime>
  <!-- INV041 - Payment due date ( 0..1 ) -->
</ram:SpecifiedCITradePaymentTerms>
    
```

2.6.4.7 Monetary Summary

This part of the Core Invoice contains the various invoice totals and sub-totals.

The general principle concerning Currency IDs (which are generally optional in the UN/CEFACT XML Schema) is not to include the currency ID attribute where the currency is the invoice currency (a separate element). Where an amount is in a currency other than the invoice currency then the currency ID attribute MUST be included. See Section 6 for the codes that MAY be used.

[R017]	The currencyID attribute SHOULD NOT be included in Amount elements in this section when the amount currency is the invoice currency.
[R018]	The currencyID attribute MUST be included in Amount elements in this section when the amount currency is not the invoice currency.

```

<ram:SpecifiedCIITradeSettlementMonetarySummation>
  <ram:LineTotalAmount>195</ram:LineTotalAmount>
  <!-- INV054 - Sum of line amounts ( 1..1 ) -->
  <ram:ChargeTotalAmount>25</ram:ChargeTotalAmount>
  <!-- INV058 - Charges on document level ( 0..1 ) -->
  <ram:AllowanceTotalAmount>18.9</ram:AllowanceTotalAmount>
  <!-- INV057 - Allowances on document level ( 0..1 ) -->
  <ram:TaxBasisTotalAmount>238.9</ram:TaxBasisTotalAmount>
  <!-- INV055 - Invoice total without VAT ( 1..1 ) -->
  <ram:TaxTotalAmount>46</ram:TaxTotalAmount>
  <!-- INV049 - VAT total amount ( 0..1 ) -->
  <ram:TaxTotalAmount currencyID="GBP">31.5</ram:TaxTotalAmount>
  <!-- INV049 - VAT total amount ( 0..1 ) -->
  <ram:RoundingAmount>0.10</ram:RoundingAmount>
  <!-- INV060 - Rounding of Invoice total ( 0..1 ) -->
  <ram:GrandTotalAmount>285</ram:GrandTotalAmount>
  <!-- INV056 - Invoice total with VAT (value of purchase) ( 1..1 ) -->
  <ram:TotalPrepaidAmount>-30</ram:TotalPrepaidAmount>
  <!-- INV059 - Paid amounts ( 0..1 ) -->
</ram:SpecifiedCIITradeSettlementMonetarySummation>

```

2.6.4.8 Accounting Accounts

This part of the Core Invoice contains the buyer's account reference or number that they have provided to the seller so that the invoice can be allocated to the correct accounting account when received and processed. The account reference or number will therefore be understood by the recipient and there is no requirement to provide scheme information.

Refer to Section 5 for mandatory and optional attributes for IDs.

```

<ram:ReceivableSpecifiedCIITradeAccountingAccount>
  <ram:ID>BUY0001</ram:ID>
  <!-- INV008 - Buyer accounting string ( 0..1 ) -->
</ram:ReceivableSpecifiedCIITradeAccountingAccount>

```

2.6.5 Line Item

This part of the Core Invoice contains the line items on the invoice. There must be one or more line items.

Units of Measure

The Units of Measure (unit Code), in the Billed Quantity element, the UN/CEFACT CII XML Schema requires the use of the extensive Recommendation 6 Code Values. To assist implementers there is a recommended list of codes to use with their usual and more common abbreviations. An XSL style sheet is included as in Annex B which translates the codes used in a Core Invoice into the common abbreviations when the Core Invoice instance is viewed in a browser.

2.6.5.1 Amounts

The currency ID attribute must not be included in Amount elements in this section.

[R019]	The currency ID attribute must not be included in Amount elements in this Line Item section.
--------	--

2.6.5.2 Allowance Charge Reason Codes

There is a restricted set of values that can be included in Reason Code element. See Section 6 for the codes that MAY be used.

2.6.5.3 Value Added Tax Category Code

Refer to Section 5 for mandatory and optional attributes for IDs.

2.6.5.4 Country ID

In this part of the Core Invoice the Country ID value must be taken from ISO two letter country code list.

Refer to Section 5 for mandatory and optional attributes for IDs.

[R020]	The CountryID value must be taken from ISO two letter country code list 3166-1 alpha-2.
--------	---

2.6.5.5 Class and Sub-Class Codes (used for commodity classification)

Refer to Section 6 for mandatory and optional attributes for Codes.

2.6.5.6 General IDs

No attributes are required for the Line IDs, Product IDs, and Seller Assigned IDs in the Line Item section.

```

<ram:IncludedCIILSupplyChainTradeLineItem>
  <ram:AssociatedCIILDocumentLineDocument>
    <ram:LineID>1</ram:LineID>
    <!-- INV062 - Invoice line identifier ( 1..1 ) -->
    <ram:IncludedCINote>
      <ram:Content>A brief note about these widgets.</ram:Content>
      <!-- INV063 - Line textual note ( 0..1 ) -->
    </ram:IncludedCINote>
  </ram:AssociatedCIILDocumentLineDocument>
  <ram:SpecifiedCIILSupplyChainTradeAgreement>
    <ram:BuyerOrderReferencedCIReferencedDocument>
      <ram:LineID>1</ram:LineID>
      <!-- INV066 - Invoice line to order line reference ( 0..1 ) -->
    </ram:BuyerOrderReferencedCIReferencedDocument>
    <ram:GrossPriceProductCITradePrice>
      <ram:ChargeAmount>10</ram:ChargeAmount>
      <!-- INV077 - Invoice line item gross price ( 0..1 ) -->
      <ram:AppliedCITradeAllowanceCharge>
        <!-- INV076 - Invoice line item price discount ( 0..1 ) -->
        <ram:ActualAmount>1</ram:ActualAmount>
        <ram:ReasonCode>1</ram:ReasonCode>
      </ram:AppliedCITradeAllowanceCharge>
    </ram:GrossPriceProductCITradePrice>
    <ram:NetPriceProductCITradePrice>
      <ram:ChargeAmount>9</ram:ChargeAmount>
      <!-- INV075 - Invoice line item net price ( 0..1 ) -->
    </ram:NetPriceProductCITradePrice>
  </ram:SpecifiedCIILSupplyChainTradeAgreement>
  <ram:SpecifiedCIILSupplyChainTradeDelivery>
    <ram:BilledQuantity unitCode="NAR">5</ram:BilledQuantity>
    <!-- INV064 - Invoiced quantity ( 1..1 ) -->
    <!-- INV094 - Quantity Unit of measure ( 1..1 ) -->
  </ram:SpecifiedCIILSupplyChainTradeDelivery>
  <ram:SpecifiedCIILSupplyChainTradeSettlement>
    <ram:ApplicableCITradeTax>
      <ram:TypeCode>VAT</ram:TypeCode>
      <ram:CategoryCode listID="MUG-1" listAgencyName="CEN" listVersionID="2011-8">T01</ram:CategoryCode>
      <!-- INV072 - Invoice line VAT category code ( 0..1 ) -->
    </ram:ApplicableCITradeTax>
    <ram:SpecifiedCIILTradeSettlementMonetarySummation>
      <ram:LineTotalAmount>45</ram:LineTotalAmount>
      <!-- INV065 - Invoice line net amount ( 1..1 ) -->
    </ram:SpecifiedCIILTradeSettlementMonetarySummation>
  </ram:SpecifiedCIILSupplyChainTradeSettlement>

```

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```

    <ram:SpecifiedCITradeProduct>
      <ram:ID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency name
      here}">ST12345</ram:ID>
      <!-- INV070 - Invoice line item standard identifier ( 0..1 ) -->
      <ram:SellerAssignedID>SE54321</ram:SellerAssignedID>
      <!-- INV069 - Invoice line item sellers identifier ( 0..1 ) -->
      <ram:Name>Widgets</ram:Name>
      <!-- INV068 - Invoice line item name ( 1..1 ) -->
      <ram:ApplicableCIPProductCharacteristic>
        <ram:Description>Length</ram:Description>
        <!-- INV073 - Item attribute ( 0..n ) -->
        <ram:ValueMeasure unitCode="MLT">200</ram:ValueMeasure>
        <!-- INV073 - Item attribute ( 0..n ) -->
      </ram:ApplicableCIPProductCharacteristic>
      <ram:ApplicableCIPProductCharacteristic>
        <ram:Description>Width</ram:Description>
        <!-- INV073 - Item attribute ( 0..n ) -->
        <ram:ValueMeasure unitCode="MLT">100</ram:ValueMeasure>
        <!-- INV073 - Item attribute ( 0..n ) -->
      </ram:ApplicableCIPProductCharacteristic>
      <ram:ApplicableCIPProductCharacteristic>
        <ram:Description>Thickness</ram:Description>
        <!-- INV073 - Item attribute ( 0..n ) -->
        <ram:ValueMeasure unitCode="MLT">90</ram:ValueMeasure>
        <!-- INV073 - Item attribute ( 0..n ) -->
      </ram:ApplicableCIPProductCharacteristic>
      <ram:DesignatedCIPProductClassification>
        <!-- INV071 - Invoice line item commodity classification ( 0..2 ) -->
        <ram:ClassCode listID="{list ID here}" listAgencyName="{list agency name here}"
        listVersionID="{list version here}">A</ram:ClassCode>
        <ram:SubClassCode listID="{list ID here}" listAgencyName="{list agency name here}"
        listVersionID="{list version here}">1</ram:SubClassCode>
      </ram:DesignatedCIPProductClassification>
      <ram:OriginCITradeCountry>
        <ram:ID schemeID="3166-1 alpha-2" schemeAgencyID="5">GB</ram:ID>
        <!-- INV095 - Item country of origin ( 0..1 ) -->
      </ram:OriginCITradeCountry>
    </ram:SpecifiedCITradeProduct>
  </ram:IncludedCIIILSupplyChainTradeLineItem>

```

3 Complete Example Core Invoice XML Instance

```

<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet href="CEN_Core_Invoice_201_v1.0.xsl" type="text/xsl"?><!-- Optional Line to use provided style sheet -->
<!-- -->
<!-- ***** -->
<!-- CEN Core Cross Industry Invoice Sample File -->
<!-- This version dated 30/08/2011 -->
<!-- -->
<!-- NOTE: Comments in this sample file are -->
<!-- explanatory notes for guidance and are not -->
<!-- required in conformant instance files -->
<!-- -->
<!-- ***** -->
<!-- -->
<rsm:CrossIndustryInvoice xsi:schemaLocation="urn:un:unece:uncefact:data:standard:CrossIndustryInvoice:2
data/standard/CrossIndustryInvoice_2p0.xsd" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:rsm="urn:un:unece:uncefact:data:standard:CrossIndustryInvoice:2"
xmlns:ram="urn:un:unece:uncefact:data:standard:ReusableAggregateBusinessInformationEntity:8">
  <rsm:CIEExchangedDocumentContext>
    <ram:SpecifiedTransactionID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency name
here}">Message transaction identifier</ram:SpecifiedTransactionID>
    <!-- INV078 - Message transaction identifier ( 0..1 ) -->
    <ram:BusinessProcessSpecifiedCIDocumentContextParameter>
      <ram:ID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency name here}">Business
process identifier</ram:ID>
      <!-- INV002 - Business process identifier ( 0..1 ) -->
    </ram:BusinessProcessSpecifiedCIDocumentContextParameter>
    <ram:GuidelineSpecifiedCIDocumentContextParameter>
      <ram:ID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency name
here}">Customization identifier</ram:ID>
      <!-- INV001 - Customization identifier ( 0..1 ) -->
    </ram:GuidelineSpecifiedCIDocumentContextParameter>
  </rsm:CIEExchangedDocumentContext>
  <rsm:CIIExchangedDocument>
    <ram:ID>Invoice identifier</ram:ID>
    <!-- INV003 - Invoice identifier ( 1..1 ) -->
    <ram:TypeCode>380</ram:TypeCode>
    <!-- INV080 - Invoice type code ( 0..1 ) -->
    <ram:IssueDateTime>2011-05-09T00:00:00</ram:IssueDateTime>
    <!-- INV004 - Invoice issue date ( 1..1 ) -->
    <ram:IncludedCINote>
      <ram:Content>Document level textual note</ram:Content>
      <!-- INV005 - Document level textual note ( 0..1 ) -->
    </ram:IncludedCINote>
  </rsm:CIIExchangedDocument>
  <rsm:CIIHSupplyChainTradeTransaction>
    <ram:ApplicableCIIHSupplyChainTradeAgreement>
      <ram:SellerCITradeParty>
        <ram:ID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency name
here}">123456789</ram:ID>
        <!-- INV085 - Seller standard identifier. ( 0..1 ) -->
        <ram:Name>Seller name</ram:Name>
        <!-- INV014 - Seller name ( 1..1 ) -->
        <ram:SpecifiedCILegalOrganization>
          <ram:AuthorizedCILegalRegistration>
            <ram:ID schemeID="{scheme ID here}" schemeAgencyName="{scheme
agency name here}">Seller legal registration identifier</ram:ID>
            <!-- INV021 - Seller legal registration identifier ( 0..1 ) -->
          </ram:AuthorizedCILegalRegistration>
        </ram:SpecifiedCILegalOrganization>
        <ram:DefinedCITradeContact>
          <ram:PersonName>Seller contact person name</ram:PersonName>
          <!-- INV025 - Seller contact person name ( 0..1 ) -->
          <ram:TelephoneCIUniversalCommunication>
            <ram:CompleteNumber>Seller contact telephone
number</ram:CompleteNumber>
            <!-- INV022 - Seller contact telephone number ( 0..1 ) -->
          </ram:TelephoneCIUniversalCommunication>
          <ram:FaxCIUniversalCommunication>
            <ram:CompleteNumber>Seller contact fax number</ram:CompleteNumber>
            <!-- INV023 - Seller contact fax number ( 0..1 ) -->
          </ram:FaxCIUniversalCommunication>
          <ram:EmailURICIUniversalCommunication>
            <ram:URIID>Seller contact email address</ram:URIID>

```

```

        <!-- INV024 - Seller contact email address ( 0..1 ) -->
    </ram:EmailURICIUniversalCommunication>
</ram:DefinedCITradeContact>
<ram:PostalCITradeAddress>
    <ram:PostcodeCode>Seller address post code</ram:PostcodeCode>
    <!-- INV017 - Seller address post code ( 1..1 ) -->
    <ram:LineOne>Seller address line1</ram:LineOne>
    <!-- INV015 - Seller address line1 ( 1..1 ) -->
    <ram:LineTwo>Seller address line2</ram:LineTwo>
    <!-- INV086 - Seller address line2 ( 0..1 ) -->
    <ram:CityName>Seller address city</ram:CityName>
    <!-- INV016 - Seller address city ( 1..1 ) -->
    <ram:CountryID schemeID="3166-1 alpha-2"
    schemeAgencyID="5">GB</ram:CountryID>
    <!-- INV019 - Seller address country code ( 1..1 ) -->
    <ram:CountrySubDivisionName>Seller address country sub
    entity</ram:CountrySubDivisionName>
    <!-- INV018 - Seller address country sub entity ( 0..1 ) -->
</ram:PostalCITradeAddress>
<ram:SpecifiedCITaxRegistration>
    <ram:ID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency
    name here}">GB123456789</ram:ID>
    <!-- INV020 - Seller VAT identifier ( 0..1 ) -->
</ram:SpecifiedCITaxRegistration>
<ram:SpecifiedCITaxRegistration>
    <ram:AssociatedCIRegisteredTax>
        <ram:Description>Seller tax registration status</ram:Description>
        <!-- INV098 - Seller tax registration status ( 0..1 ) -->
    </ram:AssociatedCIRegisteredTax>
</ram:SpecifiedCITaxRegistration>
<ram:EndPointURICIUniversalCommunication>
    <ram:URIID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency
    name here}">Seller electronic address</ram:URIID>
    <!-- INV097 - Seller electronic address ( 0..1 ) -->
</ram:EndPointURICIUniversalCommunication>
</ram:SellerCITradeParty>
<ram:BuyerCITradeParty>
    <ram:ID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency name
    here}">3210987654321</ram:ID>
    <!-- INV087 - Buyer standard identifier ( 0..1 ) -->
    <ram:Name>Buyer name</ram:Name>
    <!-- INV026 - Buyer name ( 1..1 ) -->
    <ram:SpecifiedCILegalOrganization>
        <ram:AuthorizedCILegalRegistration>
            <ram:ID schemeID="{scheme ID here}" schemeAgencyName="{scheme
            agency name here}">Buyer legal registration identifier</ram:ID>
            <!-- INV033 - Buyer legal registration identifier ( 0..1 ) -->
        </ram:AuthorizedCILegalRegistration>
    </ram:SpecifiedCILegalOrganization>
<ram:DefinedCITradeContact>
    <ram:PersonName>Buyer contact person name</ram:PersonName>
    <!-- INV037 - Buyer contact person name ( 0..1 ) -->
    <ram:TelephoneCIUniversalCommunication>
        <ram:CompleteNumber>Buyer contact telephone
        number</ram:CompleteNumber>
        <!-- INV034 - Buyer contact telephone number ( 0..1 ) -->
    </ram:TelephoneCIUniversalCommunication>
    <ram:FaxCIUniversalCommunication>
        <ram:CompleteNumber>Buyer contact fax number
        </ram:CompleteNumber>
        <!-- INV035 - Buyer contact fax number ( 0..1 ) -->
    </ram:FaxCIUniversalCommunication>
    <ram:EmailURICIUniversalCommunication>
        <ram:URIID>Buyer contact email address</ram:URIID>
        <!-- INV036 - Buyer contact email address ( 0..1 ) -->
    </ram:EmailURICIUniversalCommunication>
</ram:DefinedCITradeContact>
<ram:PostalCITradeAddress>
    <ram:PostcodeCode>Buyer address post code</ram:PostcodeCode>
    <!-- INV029 - Buyer address post code ( 1..1 ) -->
    <ram:LineOne>Buyer address line1</ram:LineOne>
    <!-- INV027 - Buyer address line1 ( 1..1 ) -->
    <ram:LineTwo>Buyer address line2</ram:LineTwo>
    <!-- INV088 - Buyer address line2 ( 0..1 ) -->
    <ram:CityName>Buyer address city</ram:CityName>
    <!-- INV028 - Buyer address city ( 1..1 ) -->

```



```

        <ram:CountryID schemeID="3166-1 alpha-2"
        schemeAgencyID="5">FR</ram:CountryID>
        <!-- INV031 - Buyer address country code ( 1..1 ) -->
        <ram:CountrySubDivisionName>Buyer address country sub
        entity</ram:CountrySubDivisionName>
        <!-- INV030 - Buyer address country sub entity ( 0..1 ) -->
    </ram:PostalCITradeAddress>
    <ram:SpecifiedCITaxRegistration>
        <ram:ID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency
        name here}">Buyer VAT identifier</ram:ID>
        <!-- INV032 - Buyer VAT identifier ( 0..1 ) -->
    </ram:SpecifiedCITaxRegistration>
    <ram:EndPointURICUniversalCommunication>
        <ram:URIID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency
        name here}">Buyer electronic address</ram:URIID>
        <!-- INV099 - Buyer electronic address ( 0..1 ) -->
    </ram:EndPointURICUniversalCommunication>
</ram:BuyerCITradeParty>
<ram:BuyerOrderReferencedCIReferencedDocument>
    <ram:IssuerAssignedID>Order reference identifier</ram:IssuerAssignedID>
    <!-- INV011 - Order reference identifier ( 0..1 ) -->
</ram:BuyerOrderReferencedCIReferencedDocument>
<ram:ContractReferencedCIReferencedDocument>
    <ram:IssuerAssignedID>Contract reference identifier</ram:IssuerAssignedID>
    <!-- INV012 - Contract reference identifier ( 0..1 ) -->
    <ram:ReferenceTypeCode>AAA</ram:ReferenceTypeCode>
    <!-- INV084 - Contract type, coded ( 0..1 ) -->
    <ram:Name>Contract type, text</ram:Name>
    <!-- INV083 - Contract type, text ( 0..1 ) -->
</ram:ContractReferencedCIReferencedDocument>
<ram:AdditionalReferencedCIReferencedDocument>
    <ram:IssuerAssignedID>Buyer reference identifier</ram:IssuerAssignedID>
    <!-- INV082 - Buyer reference identifier ( 0..1 ) -->
    <ram:AttachedSpecifiedBinaryFile>
        <ram:IncludedBinaryObject
        mimeType="application/pdf">UjBsR09EbGhjZ0dTQUxNQUFBUUNBRU1tQ1p0dU1G
        UXhEUzhi</ram:IncludedBinaryObject>
        <!-- INV013 - Attached binary object ( 0..1 ) -->
    </ram:AttachedSpecifiedBinaryFile>
</ram:AdditionalReferencedCIReferencedDocument>
</ram:ApplicableCIHSupplyChainTradeAgreement>
<ram:ApplicableCIHSupplyChainTradeDelivery>
    <ram:ShipToCITradeParty>
        <ram:PostalCITradeAddress>
            <ram:ID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency
            name here}">Delivered to location identifier</ram:ID>
            <!-- INV100 - Delivered to location identifier ( 0..1 ) -->
            <ram:PostcodeCode>Delivered to address post code</ram:PostcodeCode>
            <!-- INV104 - Delivered to address post code ( 0..1 ) -->
            <ram:LineOne>Delivered to address line 1</ram:LineOne>
            <!-- INV101 - Delivered to address line 1 ( 0..1 ) -->
            <ram:LineTwo>Delivered to address line 2</ram:LineTwo>
            <!-- INV102 - Delivered to address line 2 ( 0..1 ) -->
            <ram:CityName>Delivered to address city</ram:CityName>
            <!-- INV103 - Delivered to address city ( 0..1 ) -->
            <ram:CountryID schemeID="3166-1 alpha-2"
            schemeAgencyID="5">FR</ram:CountryID>
            <!-- INV039 - Delivery country ( 0..1 ) -->
            <ram:CountrySubDivisionName>Delivered to address country sub
            division</ram:CountrySubDivisionName>
            <!-- INV105 - Delivered to address country sub division ( 0..1 ) -->
        </ram:PostalCITradeAddress>
    </ram:ShipToCITradeParty>
    <ram:ActualDeliveryCISupplyChainEvent>
        <ram:OccurrenceDateTime>2011-03-31T00:00:00</ram:OccurrenceDateTime>
        <!-- INV038 - Delivery date ( 0..1 ) -->
    </ram:ActualDeliveryCISupplyChainEvent>
</ram:ApplicableCIHSupplyChainTradeDelivery>
<ram:ApplicableCIHSupplyChainTradeSettlement>
    <ram:DuePayableAmount>255</ram:DuePayableAmount>
    <!-- INV061 - Amount due for payment ( 1..1 ) -->
    <ram:PaymentReference>Seller payment identifier</ram:PaymentReference>
    <!-- INV042 - Seller payment identifier ( 0..1 ) -->
    <ram:InvoiceCurrencyCode listID="4217 3A" listAgencyID="5" listVersionID="2010-04-
    07">EUR</ram:InvoiceCurrencyCode>
    <!-- INV007 - Invoice currency code ( 1..1 ) -->
    <ram:SpecifiedCITradeSettlementPaymentMeans>

```

```

<ram:TypeCode listID="MUG-4" listAgencyName="CEN" listVersionID="2011-8">31</ram:TypeCode>
<!-- INV040 - Payment means type ( 0..1 ) -->
<ram:PayeePartyCICreditorFinancialAccount>
  <!-- INV043 - Seller account identifier ( 0..1 ) -->
  <ram:IBANID>Seller account identifier</ram:IBANID>
  <ram:ProprietaryID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency name here}">Seller account identifier</ram:ProprietaryID>
</ram:PayeePartyCICreditorFinancialAccount>
<ram:PayeeSpecifiedCICreditorFinancialInstitution>
  <ram:BICID>Seller financial institution identifier</ram:BICID>
  <!-- INV045 - Seller financial institution identifier ( 0..1 ) -->
  <ram:SubDivisionBranchFinancialInstitution>
    <ram:ID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency name here}">Seller financial institution branch ID</ram:ID>
    <!-- INV044 - Seller financial institution branch identifier ( 0..1 ) -->
  </ram:SubDivisionBranchFinancialInstitution>
  </ram:PayeeSpecifiedCICreditorFinancialInstitution>
</ram:SpecifiedCITradeSettlementPaymentMeans>
<ram:ApplicableCITradeTax>
  <ram:CalculatedAmount>0.0</ram:CalculatedAmount>
  <!-- INV051 - VAT category tax amount ( 0..n ) -->
  <ram:TypeCode>VAT</ram:TypeCode>
  <ram:ExemptionReason>VAT exemption reason text</ram:ExemptionReason>
  <!-- INV053 - VAT exemption reason text ( 0..1 ) -->
  <ram:BasisAmount>8.9</ram:BasisAmount>
  <!-- INV050 - VAT category taxable amount ( 0..n ) -->
  <ram:CategoryCode listID="MUG-1" listAgencyName="CEN" listVersionID="2011-8">E</ram:CategoryCode>
  <!-- INV052 - VAT category code ( 0..n ) -->
  <ram:RateApplicablePercent>0</ram:RateApplicablePercent>
  <!-- INV096 - INV096 - VAT category percentage ( 0..n ) -->
</ram:ApplicableCITradeTax>
<ram:ApplicableCITradeTax>
  <ram:CalculatedAmount>46</ram:CalculatedAmount>
  <!-- INV051 - VAT category tax amount ( 0..n ) -->
  <ram:TypeCode>VAT</ram:TypeCode>
  <ram:BasisAmount>230</ram:BasisAmount>
  <!-- INV050 - VAT category taxable amount ( 0..n ) -->
  <ram:CategoryCode listID="MUG-1" listAgencyName="CEN" listVersionID="2011-8">T01</ram:CategoryCode>
  <!-- INV052 - VAT category code ( 0..n ) -->
  <ram:RateApplicablePercent>20</ram:RateApplicablePercent>
  <!-- INV096 - INV096 - VAT category percentage ( 0..n ) -->
</ram:ApplicableCITradeTax>
<ram:BillingCISpecifiedPeriod>
  <ram:StartDateTime>2011-05-01T00:00:00</ram:StartDateTime>
  <!-- INV009 - Invoice period start date ( 0..1 ) -->
  <ram:EndDateTime>2011-05-31T00:00:00</ram:EndDateTime>
  <!-- INV010 - Invoice period end date ( 0..1 ) -->
</ram:BillingCISpecifiedPeriod>
<ram:SpecifiedCITradeAllowanceCharge>
  <ram:ChargeIndicator>>false</ram:ChargeIndicator>
  <ram:ActualAmount>8.9</ram:ActualAmount>
  <!-- INV047 - Document level allowance and charge amount ( 0..n ) -->
  <ram:Reason>General Error</ram:Reason>
  <!-- INV091 - Allowance and charges reason text ( 0..n ) -->
  <ram:CategoryCITradeTax>
    <ram:TypeCode>VAT</ram:TypeCode>
    <ram:CategoryCode listID="MUG-1" listAgencyName="CEN" listVersionID="2011-8">E</ram:CategoryCode>
    <!-- INV048 - Allowance and charges VAT category ( 0..n ) -->
  </ram:CategoryCITradeTax>
</ram:SpecifiedCITradeAllowanceCharge>
<ram:SpecifiedCITradeAllowanceCharge>
  <ram:ChargeIndicator>>false</ram:ChargeIndicator>
  <ram:ActualAmount>10</ram:ActualAmount>
  <!-- INV047 - Document level allowance and charge amount ( 0..n ) -->
  <ram:ReasonCode>78</ram:ReasonCode>
  <!-- INV092 - Allowance and charges reason code ( 0..n ) -->
  <ram:CategoryCITradeTax>
    <ram:TypeCode>VAT</ram:TypeCode>
    <ram:CategoryCode listID="MUG-1" listAgencyName="CEN" listVersionID="2011-8">T01</ram:CategoryCode>
    <!-- INV048 - Allowance and charges VAT category ( 0..n ) -->
  </ram:CategoryCITradeTax>
</ram:SpecifiedCITradeAllowanceCharge>

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<ram:SpecifiedCITradeAllowanceCharge>
  <ram:ChargeIndicator>true</ram:ChargeIndicator>
  <ram:ActualAmount>25</ram:ActualAmount>
  <!-- INV047 - Document level allowance and charge amount ( 0..n ) -->
  <ram:ReasonCode>94</ram:ReasonCode>
  <!-- INV092 - Allowance and charges reason code ( 0..n ) -->
  <ram:CategoryCITradeTax>
    <ram:TypeCode>VAT</ram:TypeCode>
    <ram:CategoryCode listID="MUG-1" listAgencyName="CEN" listVersionID="2011-8">T01</ram:CategoryCode>
    <!-- INV048 - Allowance and charges VAT category ( 0..n ) -->
  </ram:CategoryCITradeTax>
</ram:SpecifiedCITradeAllowanceCharge>
<ram:SpecifiedCITradePaymentTerms>
  <ram:Description>Payment terms</ram:Description>
  <!-- INV046 - Payment terms ( 0..1 ) -->
  <ram:DueDateDateTime>2011-05-09T00:00:00</ram:DueDateDateTime>
  <!-- INV041 - Payment due date ( 0..1 ) -->
</ram:SpecifiedCITradePaymentTerms>
<ram:SpecifiedCIITradeSettlementMonetarySummation>
  <ram:LineTotalAmount>195</ram:LineTotalAmount>
  <!-- INV054 - Sum of line amounts ( 1..1 ) -->
  <ram:ChargeTotalAmount>25</ram:ChargeTotalAmount>
  <!-- INV058 - Charges on document level ( 0..1 ) -->
  <ram:AllowanceTotalAmount>18.9</ram:AllowanceTotalAmount>
  <!-- INV057 - Allowances on document level ( 0..1 ) -->
  <ram:TaxBasisTotalAmount>238.9</ram:TaxBasisTotalAmount>
  <!-- INV055 - Invoice total without VAT ( 1..1 ) -->
  <ram:TaxTotalAmount>46</ram:TaxTotalAmount>
  <!-- INV049 - VAT total amount ( 0..1 ) -->
  <ram:TaxTotalAmount currencyID="GBP">31.5</ram:TaxTotalAmount>
  <!-- INV093 - VAT total amount in local currency ( 0..1 ) -->
  <ram:RoundingAmount>0.10</ram:RoundingAmount>
  <!-- INV060 - Rounding of Invoice total ( 0..1 ) -->
  <ram:GrandTotalAmount>285</ram:GrandTotalAmount>
  <!-- INV056 - Invoice total with VAT (value of purchase) ( 1..1 ) -->
  <ram>TotalPrepaidAmount>-30</ram>TotalPrepaidAmount>
  <!-- INV059 - Paid amounts ( 0..1 ) -->
</ram:SpecifiedCIITradeSettlementMonetarySummation>
<ram:ReceivableSpecifiedCITradeAccountingAccount>
  <ram:ID>BUY0001</ram:ID>
  <!-- INV008 - Buyer accounting string ( 0..1 ) -->
</ram:ReceivableSpecifiedCITradeAccountingAccount>
</ram:ApplicableCIILSupplyChainTradeSettlement>
<ram>IncludedCIILSupplyChainTradeLineItem>
  <ram:AssociatedCIILDocumentLineDocument>
    <ram:LineID>1</ram:LineID>
    <!-- INV062 - Invoice line identifier ( 1..1 ) -->
    <ram>IncludedCINote>
      <ram:Content>A brief note about these widgets.</ram:Content>
      <!-- INV063 - Line textual note ( 0..1 ) -->
    </ram>IncludedCINote>
  </ram:AssociatedCIILDocumentLineDocument>
  <ram:SpecifiedCIILSupplyChainTradeAgreement>
    <ram:BuyerOrderReferencedCIReferencedDocument>
      <ram:LineID>1</ram:LineID>
      <!-- INV066 - Invoice line to order line reference ( 0..1 ) -->
    </ram:BuyerOrderReferencedCIReferencedDocument>
    <ram>GrossPriceProductCITradePrice>
      <ram:ChargeAmount>10</ram:ChargeAmount>
      <!-- INV077 - Invoice line item gross price ( 0..1 ) -->
      <ram>AppliedCITradeAllowanceCharge>
        <!-- INV076 - Invoice line item price discount ( 0..1 ) -->
        <ram:ActualAmount>1</ram:ActualAmount>
        <ram:ReasonCode>1</ram:ReasonCode>
      </ram>AppliedCITradeAllowanceCharge>
    </ram>GrossPriceProductCITradePrice>
    <ram>NetPriceProductCITradePrice>
      <ram:ChargeAmount>9</ram:ChargeAmount>
      <!-- INV075 - Invoice line item net price ( 0..1 ) -->
    </ram>NetPriceProductCITradePrice>
  </ram>SpecifiedCIILSupplyChainTradeAgreement>
  <ram>SpecifiedCIILSupplyChainTradeDelivery>
    <ram>BilledQuantity unitCode="NAR">5</ram>BilledQuantity>
    <!-- INV064 - Invoiced quantity ( 1..1 ) -->
    <!-- INV094 - Quantity Unit of measure ( 1..1 ) -->
  </ram>SpecifiedCIILSupplyChainTradeDelivery>

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<ram:SpecifiedCIILSupplyChainTradeSettlement>
  <ram:ApplicableCITradeTax>
    <ram:TypeCode>VAT</ram:TypeCode>
    <ram:CategoryCode listID="MUG-1" listAgencyName="CEN" listVersionID="2011-8">T01</ram:CategoryCode>
    <!-- INV072 - Invoice line VAT category code ( 0..1 ) -->
  </ram:ApplicableCITradeTax>
  <ram:SpecifiedCIILTradeSettlementMonetarySummation>
    <ram:LineTotalAmount>45</ram:LineTotalAmount>
    <!-- INV065 - Invoice line net amount ( 1..1 ) -->
  </ram:SpecifiedCIILTradeSettlementMonetarySummation>
</ram:SpecifiedCIILSupplyChainTradeSettlement>
<ram:SpecifiedCITradeProduct>
  <ram:ID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency name here}">ST12345</ram:ID>
  <!-- INV070 - Invoice line item standard identifier ( 0..1 ) -->
  <ram:SellerAssignedID>SE54321</ram:SellerAssignedID>
  <!-- INV069 - Invoice line item sellers identifier ( 0..1 ) -->
  <ram:Name>Widgets</ram:Name>
  <!-- INV068 - Invoice line item name ( 1..1 ) -->
  <ram:ApplicableCIPProductCharacteristic>
    <ram:Description>Length</ram:Description>
    <!-- INV073 - Item attribute ( 0..n ) -->
    <ram:ValueMeasure unitCode="MLT">200</ram:ValueMeasure>
    <!-- INV073 - Item attribute ( 0..n ) -->
  </ram:ApplicableCIPProductCharacteristic>
  <ram:ApplicableCIPProductCharacteristic>
    <ram:Description>Width</ram:Description>
    <!-- INV073 - Item attribute ( 0..n ) -->
    <ram:ValueMeasure unitCode="MLT">100</ram:ValueMeasure>
    <!-- INV073 - Item attribute ( 0..n ) -->
  </ram:ApplicableCIPProductCharacteristic>
  <ram:ApplicableCIPProductCharacteristic>
    <ram:Description>Thickness</ram:Description>
    <!-- INV073 - Item attribute ( 0..n ) -->
    <ram:ValueMeasure unitCode="MLT">90</ram:ValueMeasure>
    <!-- INV073 - Item attribute ( 0..n ) -->
  </ram:ApplicableCIPProductCharacteristic>
  <ram:DesignatedCIPProductClassification>
    <!-- INV071 - Invoice line item commodity classification ( 0..2 ) -->
    <ram:ClassCode listID="{list ID here}" listAgencyName="{list agency name here}" listVersionID="{list version here}">A</ram:ClassCode>
    <ram:SubClassCode listID="{list ID here}" listAgencyName="{list agency name here}" listVersionID="{list version here}">1</ram:SubClassCode>
  </ram:DesignatedCIPProductClassification>
  <ram:OriginCITradeCountry>
    <ram:ID schemeID="3166-1 alpha-2" schemeAgencyID="5">GB</ram:ID>
    <!-- INV095 - Item country of origin ( 0..1 ) -->
  </ram:OriginCITradeCountry>
</ram:SpecifiedCITradeProduct>
</ram:IncludedCIILSupplyChainTradeLineItem>
<ram:IncludedCIILSupplyChainTradeLineItem>
  <ram:AssociatedCIILDocumentLineDocument>
    <ram:LineID>2</ram:LineID>
    <!-- INV062 - Invoice line identifier ( 1..1 ) -->
    <ram:IncludedCINote>
      <ram:Content>A brief note about these nuts and bolts.</ram:Content>
      <!-- INV063 - Line textual note ( 0..1 ) -->
    </ram:IncludedCINote>
  </ram:AssociatedCIILDocumentLineDocument>
  <ram:SpecifiedCIILSupplyChainTradeAgreement>
    <ram:BuyerOrderReferencedCITReferencedDocument>
      <ram:LineID>2</ram:LineID>
      <!-- INV066 - Invoice line to order line reference ( 0..1 ) -->
    </ram:BuyerOrderReferencedCITReferencedDocument>
    <ram:GrossPriceProductCITradePrice>
      <ram:ChargeAmount>2</ram:ChargeAmount>
      <!-- INV077 - Invoice line item gross price ( 0..1 ) -->
      <ram:AppliedCITradeAllowanceCharge>
        <!-- INV076 - Invoice line item price discount ( 0..1 ) -->
        <ram:ActualAmount>0.5</ram:ActualAmount>
        <ram:ReasonCode>77</ram:ReasonCode>
      </ram:AppliedCITradeAllowanceCharge>
    </ram:GrossPriceProductCITradePrice>
    <ram:NetPriceProductCITradePrice>
      <ram:ChargeAmount>1.50</ram:ChargeAmount>
      <!-- INV075 - Invoice line item net price ( 0..1 ) -->
    </ram:NetPriceProductCITradePrice>
  </ram:SpecifiedCIILSupplyChainTradeAgreement>
</ram:IncludedCIILSupplyChainTradeLineItem>

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        </ram:NetPriceProductCITradePrice>
    </ram:SpecifiedCIILSupplyChainTradeAgreement>
    <ram:SpecifiedCIILSupplyChainTradeDelivery>
        <ram:BilledQuantity unitCode="SET">100</ram:BilledQuantity>
        <!-- INV064 - Invoiced quantity ( 1..1 ) -->
        <!-- INV094 - Quantity Unit of measure ( 1..1 ) -->
    </ram:SpecifiedCIILSupplyChainTradeDelivery>
    <ram:SpecifiedCIILSupplyChainTradeSettlement>
        <ram:ApplicableCITradeTax>
            <ram:TypeCode>VAT</ram:TypeCode>
            <ram:CategoryCode listID="MUG-1" listAgencyName="CEN" listVersionID="2011-8">T01</ram:CategoryCode>
            <!-- INV072 - Invoice line VAT category code ( 0..1 ) -->
        </ram:ApplicableCITradeTax>
        <ram:SpecifiedCIILTradeSettlementMonetarySummation>
            <ram:LineTotalAmount>150</ram:LineTotalAmount>
            <!-- INV065 - Invoice line net amount ( 1..1 ) -->
        </ram:SpecifiedCIILTradeSettlementMonetarySummation>
    </ram:SpecifiedCIILSupplyChainTradeSettlement>
    <ram:SpecifiedCITradeProduct>
        <ram:ID schemeID="{scheme ID here}" schemeAgencyName="{scheme agency name here}">ST98765</ram:ID>
        <!-- INV070 - Invoice line item standard identifier ( 0..1 ) -->
        <ram:SellerAssignedID>SE56789</ram:SellerAssignedID>
        <!-- INV069 - Invoice line item sellers identifier ( 0..1 ) -->
        <ram:Name>Nuts and Bolts</ram:Name>
        <!-- INV068 - Invoice line item name ( 1..1 ) -->
    </ram:SpecifiedCITradeProduct>
</ram:IncludedCIILSupplyChainTradeLineItem>
</rsm:CIILSupplyChainTradeTransaction>
</rsm:CrossIndustryInvoice>

```

4 Identifier Schemes

For a full list of Identifiers used in the Core Invoice and mandatory and optional attributes see separate file:

[Part 3 Annex A CEN Core Invoice xPaths CodeAndIDAttributes v1.0.zip](#)

5 Code Lists

For a full list of Codes used in the Core Invoice and mandatory and optional attributes see separate files:

[Part 3 Annex A CEN Core Invoice xPaths CodeAndIDAttributes v1.0.zip](#)

and

[Part 3 Annex D CEN Core Invoice Code Lists v1.0.zip](#)

6 Annexes

A. xPaths Table Spreadsheet

Separate File: [Part 3 Annex A CEN Core Invoice xPaths CodeAndIDAttributes v1.0.zip](#)

B. XML Schema Pack

Separate zipped File containing section I, II, III and IV below:

[Part 3 Annex B CEN Core Invoice Example Schema Pack v1.0.zip](#)

I. UN/CEFACT Cross Industry Invoice Schema and other required XML Schema (version D09B – CCTS 2.01 and NDR 2.0)

II. XML instance (example)

See CEN_Core_Invoice_ExampleFile_v1.0.xml within zipped file above

III. XSL style sheet file (used to produce a HTML view of XML instance)

See CEN_Core_Invoice_201_v1.0.xsl within zipped file above

IV. CSS style sheet file (referenced by HTML file)

See CEN_Core_Invoice_v1.0.css within zipped file above

C. HTML view of XML instance

Separate File: [Part 3 Annex C CEN Core Invoice - Standard View v1.0.pdf](#)

D. Code Lists Spreadsheet

Separate File: [Part 3 Annex D CEN Core Invoice Code Lists v1.0.zip](#)

E. DRAFT CCTS 3.0/NDR 3.0 version of Core Invoice (informative)

Annex E

DRAFT CCTS 3.0/NDR 3.0 version of Core Invoice (informative)

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- ***** -->
<!-- CEN Core Invoice Sample File -->
<!-- ***** -->
<!-- BASED ON DRAFT CCTS3 & NDR 3 VERSION SYNTAX OF UN/CEFACT CII -->
<!-- ***** -->
<!-- This version dated 30/08/2011 -->
<!-- ***** -->
<!-- NOTE: Comments in this sample file are -->
<!-- explanatory notes for guidance and are not -->
<!-- required in conformant instance files -->
<!-- ***** -->
<!-- ***** -->
<CrossIndustryInvoice xsi:schemaLocation="urn:un:unece:uncefact:data:crossindustryinvoicing:1:draft CrossIndustryInvoice_1p0.xsd"
xmlns="urn:un:unece:uncefact:data:crossindustryinvoicing:1:draft" xmlns:ci="urn:un:unece:uncefact:data:crossindustry:1:draft"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <DocumentContext>
    <ci:SpecifiedTransactionID schemeID="{scheme ID here}" schemeAgencyID="6">Message transaction
    ID</ci:SpecifiedTransactionID>
    <!-- INV078 - Message transaction identifier ( 0..1 ) -->
    <ci:BusinessProcessSpecifiedDocumentContextParameter>
      <ci:ID schemeID="{scheme ID here}" schemeAgencyID="6">Business process identification</ci:ID>
      <!-- INV002 - Business process identifier ( 0..1 ) -->
    </ci:BusinessProcessSpecifiedDocumentContextParameter>
    <ci:GuidelineSpecifiedDocumentContextParameter>
      <ci:ID schemeID="{scheme ID here}" schemeAgencyID="6">Customization identification</ci:ID>
      <!-- INV001 - Customization identifier ( 0..1 ) -->
    </ci:GuidelineSpecifiedDocumentContextParameter>
  </DocumentContext>
  <Document>
    <ID>Invoice identifier</ID>
    <!-- INV003 - Invoice identifier ( 1..1 ) -->
    <TypeCode>380</TypeCode>
    <!-- INV080 - Invoice type code ( 0..1 ) -->
    <IssueDateTime>2011-05-10T00:00:00.0+00:00</IssueDateTime>
    <!-- INV004 - Invoice issue date ( 1..1 ) -->
    <IncludedNote>
      <ci:Content>Document level textual note</ci:Content>
      <!-- INV005 - Document level textual note ( 0..1 ) -->
    </IncludedNote>
  </Document>
  <TradeTransaction>
    <ApplicableTradeAgreement>
      <SellerParty>
        <ci:ID schemeID="{scheme ID here}" schemeAgencyID="6">123456789</ci:ID>
        <!-- INV085 - Seller standard identifier. ( 0..1 ) -->
        <ci:Name>Seller name</ci:Name>
        <!-- INV014 - Seller name ( 1..1 ) -->
        <ci:SpecifiedLegalOrganization>
          <ci:AuthorizedLegalRegistration>
            <ci:ID schemeID="{scheme ID here}" schemeAgencyID="6">Seller legal
            registration ID</ci:ID>
            <!-- INV021 - Seller legal registration identifier ( 0..1 ) -->
          </ci:AuthorizedLegalRegistration>
        </ci:SpecifiedLegalOrganization>
        <ci:DefinedContact>
          <ci:PersonName>Seller contact person name</ci:PersonName>
          <!-- INV025 - Seller contact person name ( 0..1 ) -->
          <ci:TelephoneCommunication>
            <ci:CompleteNumber>Seller contact telephone
            number</ci:CompleteNumber>
            <!-- INV022 - Seller contact telephone number ( 0..1 ) -->
          </ci:TelephoneCommunication>
          <ci:FaxCommunication>
            <ci:CompleteNumber>Seller contact fax number</ci:CompleteNumber>
            <!-- INV023 - Seller contact fax number ( 0..1 ) -->
          </ci:FaxCommunication>
          <ci:EmailURICommunication>
            <ci:URIID>Seller contact email address</ci:URIID>
          </ci:EmailURICommunication>
        </ci:DefinedContact>
      </SellerParty>
    </ApplicableTradeAgreement>
  </TradeTransaction>
</CrossIndustryInvoice>

```

```

        <!-- INV024 - Seller contact email address ( 0..1 ) -->
    </ci:EmailURICommunication>
</ci:DefinedContact>
<ci:PostalAddress>
    <ci:PostcodeCode>Seller address post code</ci:PostcodeCode>
    <!-- INV017 - Seller address post code ( 1..1 ) -->
    <ci:LineOne>Seller address line1</ci:LineOne>
    <!-- INV015 - Seller address line1 ( 1..1 ) -->
    <ci:LineTwo>Seller address line2</ci:LineTwo>
    <!-- INV086 - Seller address line2 ( 0..1 ) -->
    <ci:CityName>Seller address city</ci:CityName>
    <!-- INV016 - Seller address city ( 1..1 ) -->
    <ci:CountryID schemeID="3166-1 alpha-2" schemeAgencyID="5">GB</ci:CountryID>
    <!-- INV019 - Seller address country code ( 1..1 ) -->
    <ci:CountrySub-DivisionName>Seller address country sub entity</ci:CountrySub-
    DivisionName>
    <!-- INV018 - Seller address country sub entity ( 0..1 ) -->
</ci:PostalAddress>
<ci:SpecifiedTaxRegistration>
    <ci:ID schemeID="{scheme ID here}" schemeAgencyID="6">GB123456789</ci:ID>
    <!-- INV020 - Seller VAT identifier ( 0..1 ) -->
</ci:SpecifiedTaxRegistration>
<ci:SpecifiedTaxRegistration>
    <ci:AssociatedRegisteredTax>
        <ci:Description>Seller tax registration status</ci:Description>
        <!-- INV098 - Seller tax registration status ( 0..1 ) -->
    </ci:AssociatedRegisteredTax>
</ci:SpecifiedTaxRegistration>
<ci:EndPointURICommunication>
    <ci:URIID schemeID="{scheme ID here}" schemeAgencyID="6">Seller electronic
    address</ci:URIID>
    <!-- INV097 - Seller electronic address ( 0..1 ) -->
</ci:EndPointURICommunication>
</SellerParty>
<BuyerParty>
    <ci:ID schemeID="{scheme ID here}" schemeAgencyID="6">3210987654321</ci:ID>
    <!-- INV087 - BuyerBuyer standard identifier ( 0..1 ) -->
    <ci:Name>Buyer name</ci:Name>
    <!-- INV026 - BuyerBuyer name ( 1..1 ) -->
    <ci:SpecifiedLegalOrganization>
        <ci:AuthorizedLegalRegistration>
            <ci:ID schemeID="{scheme ID here}" schemeAgencyID="6">Buyer legal
            registration ID</ci:ID>
            <!-- INV033 - BuyerBuyer legal registration identifier ( 0..1 ) -->
        </ci:AuthorizedLegalRegistration>
    </ci:SpecifiedLegalOrganization>
<ci:DefinedContact>
    <ci:PersonName>Buyer contact person name</ci:PersonName>
    <!-- INV037 - BuyerBuyer contact person name ( 0..1 ) -->
    <ci:TelephoneCommunication>
        <ci:CompleteNumber>Buyer contact telephone
        number</ci:CompleteNumber>
        <!-- INV034 - BuyerBuyer contact telephone number ( 0..1 ) -->
    </ci:TelephoneCommunication>
    <ci:FaxCommunication>
        <ci:CompleteNumber>Buyer contact fax number</ci:CompleteNumber>
        <!-- INV035 - BuyerBuyer contact fax number ( 0..1 ) -->
    </ci:FaxCommunication>
    <ci:EmailURICommunication>
        <ci:URIID>Buyer contact email address</ci:URIID>
        <!-- INV036 - BuyerBuyer contact email address ( 0..1 ) -->
    </ci:EmailURICommunication>
</ci:DefinedContact>
<ci:PostalAddress>
    <ci:PostcodeCode>Buyer address post code</ci:PostcodeCode>
    <!-- INV029 - BuyerBuyer address post code ( 1..1 ) -->
    <ci:LineOne>Buyer address line1</ci:LineOne>
    <!-- INV027 - BuyerBuyer address line1 ( 1..1 ) -->
    <ci:LineTwo>Buyer address line2</ci:LineTwo>
    <!-- INV088 - BuyerBuyer address line2 ( 0..1 ) -->
    <ci:CityName>Buyer address city</ci:CityName>
    <!-- INV028 - BuyerBuyer address city ( 1..1 ) -->
    <ci:CountryID schemeID="3166-1 alpha-2" schemeAgencyID="5">FR</ci:CountryID>
    <!-- INV031 - BuyerBuyer address country code ( 1..1 ) -->
    <ci:CountrySub-DivisionName>Buyer address country sub entity</ci:CountrySub-
    DivisionName>
    <!-- INV030 - Buyer address country sub entity ( 0..1 ) -->

```

```

</ci:PostalAddress>
<ci:SpecifiedTaxRegistration>
  <ci:ID schemeID="{scheme ID here}" schemeAgencyID="6">Buyer VAT ID</ci:ID>
  <!-- INV032 - Buyer VAT identifier ( 0..1 ) -->
</ci:SpecifiedTaxRegistration>
<ci:EndPointURICommunication>
  <ci:URIID schemeID="{scheme ID here}" schemeAgencyID="6">Buyer electronic
  address</ci:URIID>
  <!-- INV099 ◆ Buyer electronic address ( 0..1 ) -->
</ci:EndPointURICommunication>
</BuyerParty>
<BuyerOrderReferencedReferencedDocument>
  <ci:IssuerAssignedID>Order reference id</ci:IssuerAssignedID>
  <!-- INV011 - Order reference identifier ( 0..1 ) -->
</BuyerOrderReferencedReferencedDocument>
<ContractReferencedReferencedDocument>
  <ci:IssuerAssignedID>Contract reference id</ci:IssuerAssignedID>
  <!-- INV012 - Contract reference identifier ( 0..1 ) -->
  <ci:ReferenceTypeCode>AAA</ci:ReferenceTypeCode>
  <!-- INV084 - Contract type, coded ( 0..1 ) -->
  <ci:Name>Contract type, text</ci:Name>
  <!-- INV083 - Contract type, text ( 0..1 ) -->
</ContractReferencedReferencedDocument>
<AdditionalReferencedReferencedDocument>
  <ci:IssuerAssignedID>Buyer reference id</ci:IssuerAssignedID>
  <!-- INV082 - Buyer reference identifier ( 0..1 ) -->
  <ci:AttachedBinaryFile>
    <ci:ID></ci:ID>
    <ci:IncludedBinaryObject mimeType="application/pdf">UjBsR09EbGhjZ0dTQUxN
    QUFBUNBRU1tQ1p0dU1GUxhEUzhi</ci:IncludedBinaryObject>
    <!-- INV013 - Attached binary object ( 0..1 ) -->
  </ci:AttachedBinaryFile>
</AdditionalReferencedReferencedDocument>
</ApplicableTradeAgreement>
<ApplicableTradeDelivery>
  <ShipToParty>
    <ci:PostalAddress>
      <ci:ID schemeID="{scheme ID here}" schemeAgencyID="6">Delivered to location
      identifier</ci:ID>
      <!-- INV100 - Delivered to location identifier ( 0..1 ) -->
      <ci:PostcodeCode>Delivered to address post code</ci:PostcodeCode>
      <!-- INV104 - Delivered to address post code ( 0..1 ) -->
      <ci:LineOne>Delivered to address line 1</ci:LineOne>
      <!-- INV101 - Delivered to address line 1 ( 0..1 ) -->
      <ci:LineTwo>Delivered to address line 2</ci:LineTwo>
      <!-- INV102 - Delivered to address line 2 ( 0..1 ) -->
      <ci:CityName>Delivered to address city</ci:CityName>
      <!-- INV103 - Delivered to address city ( 0..1 ) -->
      <ci:CountryID schemeID="3166-1 alpha-2" schemeAgencyID="5">FR</ci:CountryID>
      <!-- INV039 - Delivery country ( 0..1 ) -->
      <ci:CountrySub-DivisionName>Delivered to address country sub
      division</ci:CountrySub-DivisionName>
      <!-- INV105 - Delivered to address country sub division ( 0..1 ) -->
    </ci:PostalAddress>
  </ShipToParty>
  <ActualDeliveryEvent>
    <ci:OccurrenceDateTime>2011-05-10T00:00:00.0+00:00</ci:OccurrenceDateTime>
    <!-- INV038 - Delivery date ( 0..1 ) -->
  </ActualDeliveryEvent>
</ApplicableTradeDelivery>
<ApplicableTradeSettlement>
  <DuePayableAmount>255</DuePayableAmount>
  <!-- INV061 - Amount due for payment ( 1..1 ) -->
  <PaymentReference>Seller payment identifier</PaymentReference>
  <!-- INV042 - Seller payment identifier ( 0..1 ) -->
  <InvoiceCurrencyCode listID="4217 3A" listAgencyID="5" listVersionID="2010-04-
  07">EUR</InvoiceCurrencyCode>
  <!-- INV007 - Invoice currency code ( 1..1 ) -->
  <SpecifiedPaymentMeans>
    <ci:TypeCode listID="MUG-4" listAgencyID="6" listVersionID="2011-8" >31</ci:TypeCode>
    <!-- INV040 - Payment means type ( 0..1 ) -->
    <ci:PayeePartyCreditorFinancialAccount>
      <!-- INV043 - Seller account identifier ( 0..1 ) -->
      <ci:IBANID>Seller account identifier</ci:IBANID>
      <ci:ProprietaryID schemeID="{scheme ID here}" schemeAgencyID="6">Seller
      account ID</ci:ProprietaryID>
    </ci:PayeePartyCreditorFinancialAccount>
  </SpecifiedPaymentMeans>
</ApplicableTradeSettlement>

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    <ci:PayeeSpecifiedCreditorFinancialInstitution>
      <ci:BICID>Seller financial institution ID</ci:BICID>
      <!-- INV045 - Seller financial institution identifier ( 0..1 ) -->
      <ci:Sub-DivisionBranchFinancialInstitution>
        <ci:ID schemeID="{scheme ID here}" schemeAgencyID="6">Seller financial
          institution branch ID</ci:ID>
        <!-- INV044 - Seller financial institution branch identifier ( 0..1 ) -->
      </ci:Sub-DivisionBranchFinancialInstitution>
    </ci:PayeeSpecifiedCreditorFinancialInstitution>
  </SpecifiedPaymentMeans>
  <ApplicableTax>
    <ci:CalculatedAmount>0.0</ci:CalculatedAmount>
    <!-- INV051 - VAT category tax amount ( 0..n ) -->
    <ci:TypeCode>VAT</ci:TypeCode>
    <ci:ExemptionReason>VAT exemption reason text</ci:ExemptionReason>
    <!-- INV053 - VAT exemption reason text ( 0..1 ) -->
    <ci:BasisAmount>8.9</ci:BasisAmount>
    <!-- INV050 - VAT category taxable amount ( 0..n ) -->
    <ci:CategoryCode listID="MUG-1" listAgencyID="6" listVersionID="2011-
      8">E</ci:CategoryCode>
    <!-- INV052 - VAT category code ( 0..n ) -->
  </ApplicableTax>
  <ApplicableTax>
    <ci:CalculatedAmount>36</ci:CalculatedAmount>
    <!-- INV051 - VAT category tax amount ( 0..n ) -->
    <ci:TypeCode>VAT</ci:TypeCode>
    <ci:ExemptionReason>VAT exemption reason text</ci:ExemptionReason>
    <!-- INV053 - VAT exemption reason text ( 0..1 ) -->
    <ci:BasisAmount>180</ci:BasisAmount>
    <!-- INV050 - VAT category taxable amount ( 0..n ) -->
    <ci:CategoryCode listID="MUG-1" listAgencyID="6" listVersionID="2011-
      8">S</ci:CategoryCode>
    <!-- INV052 - VAT category code ( 0..n ) -->
  </ApplicableTax>
  <BillingSpecifiedPeriod>
    <ci:DurationMeasure>0.0</ci:DurationMeasure>
    <ci:StartDateTime>2011-05-01T00:00:00.0+00:00</ci:StartDateTime>
    <!-- INV009 - Invoice period start date ( 0..1 ) -->
    <ci:EndDateTime>2011-05-31T00:00:00.0+00:00</ci:EndDateTime>
    <!-- INV010 - Invoice period end date ( 0..1 ) -->
  </BillingSpecifiedPeriod>
  <SpecifiedAllowanceCharge>
    <ci:ChargeIndicator>false</ci:ChargeIndicator>
    <ci:ActualAmount>8.9</ci:ActualAmount>
    <!-- INV047 - Document level allowance and charge amount ( 0..n ) -->
    <ci:Reason>General Error</ci:Reason>
    <!-- INV091 - Allowance and charges reason text ( 0..n ) -->
    <ci:CategoryTax>
      <ci:CategoryCode listID="MUG-1" listAgencyID="6" listVersionID="2011-
        08">E</ci:CategoryCode>
      <!-- INV048 - Allowance and charges VAT category ( 0..n ) -->
    </ci:CategoryTax>
  </SpecifiedAllowanceCharge>
  <SpecifiedAllowanceCharge>
    <ci:ChargeIndicator>false</ci:ChargeIndicator>
    <ci:ActualAmount>10</ci:ActualAmount>
    <!-- INV047 - Document level allowance and charge amount ( 0..n ) -->
    <ci:ReasonCode>78</ci:ReasonCode>
    <!-- INV092 - Allowance and charges reason code ( 0..n ) -->
    <ci:CategoryTax>
      <ci:CategoryCode listID="MUG-1" listAgencyID="6" listVersionID="2011-
        08">S</ci:CategoryCode>
      <!-- INV048 - Allowance and charges VAT category ( 0..n ) -->
    </ci:CategoryTax>
  </SpecifiedAllowanceCharge>
  <SpecifiedAllowanceCharge>
    <ci:ChargeIndicator>true</ci:ChargeIndicator>
    <ci:ActualAmount>25</ci:ActualAmount>
    <!-- INV047 - Document level allowance and charge amount ( 0..n ) -->
    <ci:ReasonCode>94</ci:ReasonCode>
    <!-- INV092 - Allowance and charges reason code ( 0..n ) -->
    <ci:CategoryTax>
      <ci:CategoryCode listID="MUG-1" listAgencyID="6" listVersionID="2011-
        08">S</ci:CategoryCode>
      <!-- INV048 - Allowance and charges VAT category ( 0..n ) -->
    </ci:CategoryTax>
  </SpecifiedAllowanceCharge>

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<SpecifiedPaymentTerms>
  <ci:Description>Payment terms</ci:Description>
  <!-- INV046 - Payment terms ( 0..1 ) -->
  <ci:DueDateDateTime>2011-05-09T00:00:00.0+00:00</ci:DueDateDateTime>
  <!-- INV041 - Payment due date ( 0..1 ) -->
</SpecifiedPaymentTerms>
<SpecifiedMonetarySummation>
  <LineTotalAmount>195</LineTotalAmount>
  <!-- INV054 - Sum of line amounts ( 1..1 ) -->
  <ChargeTotalAmount>25</ChargeTotalAmount>
  <!-- INV058 - Charges on document level ( 0..1 ) -->
  <AllowanceTotalAmount>18.9</AllowanceTotalAmount>
  <!-- INV057 - Allowances on document level ( 0..1 ) -->
  <TaxBasisTotalAmount>238.9</TaxBasisTotalAmount>
  <!-- INV055 - Invoice total without VAT ( 1..1 ) -->
  <TaxTotalAmount>46</TaxTotalAmount>
  <!-- INV049 - VAT total amount ( 0..1 ) -->
  <TaxTotalAmount currencyCode="GBP">31.5</TaxTotalAmount>
  <!-- INV049 - VAT total amount ( 0..1 ) -->
  <RoundingAmount>0.10</RoundingAmount>
  <!-- INV060 - Rounding of Invoice total ( 0..1 ) -->
  <GrandTotalAmount>285</GrandTotalAmount>
  <!-- INV056 - Invoice total with VAT (value of purchase) ( 1..1 ) -->
  <TotalPrepaidAmount>-30</TotalPrepaidAmount>
  <!-- INV059 - Paid amounts ( 0..1 ) -->
</SpecifiedMonetarySummation>
<ReceivableSpecifiedAccountingAccount>
  <ci:ID>BUY0001</ci:ID>
  <!-- INV008 - Buyer accounting string ( 0..1 ) -->
</ReceivableSpecifiedAccountingAccount>
</ApplicableTradeSettlement>
<IncludedTradeLineItem>
  <AssociatedDocumentLineDocument>
    <LineID>1</LineID>
    <!-- INV062 - Invoice line identifier ( 1..1 ) -->
    <IncludedNote>
      <ci:Content>A brief note about these widgets.</ci:Content>
      <!-- INV063 - Line textual note ( 0..1 ) -->
    </IncludedNote>
  </AssociatedDocumentLineDocument>
  <SpecifiedLineItemTradeAgreement>
    <BuyerOrderReferencedReferencedDocument>
      <ci:IssuerAssignedID></ci:IssuerAssignedID>
      <ci:LineID>1</ci:LineID>
      <!-- INV066 - Invoice line to order line reference ( 0..1 ) -->
    </BuyerOrderReferencedReferencedDocument>
    <GrossPriceProductPrice>
      <ci:ChargeAmount>10</ci:ChargeAmount>
      <!-- INV077 - Invoice line item gross price ( 0..1 ) -->
      <ci:AppliedAllowanceCharge>
        <!-- INV076 - Invoice line item price discount ( 0..1 ) -->
        <ci:ActualAmount>1</ci:ActualAmount>
        <ci:ReasonCode>1</ci:ReasonCode>
      </ci:AppliedAllowanceCharge>
    </GrossPriceProductPrice>
    <NetPriceProductPrice>
      <ci:ChargeAmount>9</ci:ChargeAmount>
      <!-- INV075 - Invoice line item net price ( 0..1 ) -->
    </NetPriceProductPrice>
  </SpecifiedLineItemTradeAgreement>
  <SpecifiedLineItemTradeDelivery>
    <BilledQuantity unitCode="NR">5</BilledQuantity>
    <!-- INV064 - Invoiced quantity ( 1..1 ) -->
    <!-- INV094 - Quantity Unit of measure ( 1..1 ) -->
  </SpecifiedLineItemTradeDelivery>
  <SpecifiedLineItemTradeSettlement>
    <ApplicableTax>
      <ci:TypeCode>VAT</ci:TypeCode>
      <ci:CategoryCode listID="MUG-1" listAgencyID="6" listVersionID="2011-08">S</ci:CategoryCode>
      <!-- INV072 - Invoice line VAT category code ( 0..1 ) -->
    </ApplicableTax>
    <SpecifiedLineItemMonetarySummation>
      <LineTotalAmount>45</LineTotalAmount>
      <!-- INV065 - Invoice line net amount ( 1..1 ) -->
    </SpecifiedLineItemMonetarySummation>
  </SpecifiedLineItemTradeSettlement>

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<SpecifiedProduct>
  <ci:ID schemeID="{scheme ID here}" schemeAgencyID="6">ST12345</ci:ID>
  <!-- INV070 - Invoice line item standard identifier ( 0..1 ) -->
  <ci:SellerAssignedID>SE54321</ci:SellerAssignedID>
  <!-- INV069 - Invoice line item Seller identifier ( 0..1 ) -->
  <ci:Name>Widgets</ci:Name>
  <!-- INV068 - Invoice line item name ( 1..1 ) -->
  <ci:ApplicableProductCharacteristic>
    <ci:Description>Length</ci:Description>
    <!-- INV073 - Item attribute name ( 0..1 ) -->
    <ci:ValueMeasure unitCode="MLT">200</ci:ValueMeasure>
    <!-- INV074 - Item attribute value ( 0..1 ) -->
  </ci:ApplicableProductCharacteristic>
  <ci:ApplicableProductCharacteristic>
    <ci:Description>Width</ci:Description>
    <!-- INV073 - Item attribute name ( 0..1 ) -->
    <ci:ValueMeasure unitCode="MLT">100</ci:ValueMeasure>
    <!-- INV074 - Item attribute value ( 0..1 ) -->
  </ci:ApplicableProductCharacteristic>
  <ci:ApplicableProductCharacteristic>
    <ci:Description>Thickness</ci:Description>
    <!-- INV073 - Item attribute name ( 0..1 ) -->
    <ci:ValueMeasure unitCode="MLT">90</ci:ValueMeasure>
    <!-- INV074 - Item attribute value ( 0..1 ) -->
  </ci:ApplicableProductCharacteristic>
  <ci:DesignatedProductClassification>
    <!-- INV071 - Invoice line item commodity classification ( 0..2 ) -->
    <ci:ClassCode listID="{enter list name}" listAgencyID="6" listVersionID="{enter
version name}">A</ci:ClassCode>
    <ci:SubClassCode listID="{enter list name}" listAgencyID="6" listVersionID="{enter
version name}">1</ci:SubClassCode>
  </ci:DesignatedProductClassification>
  <ci:OriginCountry>
    <ci:ID schemeID="3166-1 alpha-2" schemeAgencyID="5">GB</ci:ID>
    <!-- INV095 - Item country of origin ( 0..1 ) -->
  </ci:OriginCountry>
</SpecifiedProduct>
</IncludedTradeLineItem>
<IncludedTradeLineItem>
  <AssociatedDocumentLineDocument>
    <LineID>2</LineID>
    <!-- INV062 - Invoice line identifier ( 1..1 ) -->
    <IncludedNote>
      <ci:Content>A brief note about these nuts and bolts.</ci:Content>
      <!-- INV063 - Line textual note ( 0..1 ) -->
    </IncludedNote>
  </AssociatedDocumentLineDocument>
  <SpecifiedLineItemTradeAgreement>
    <BuyerOrderReferencedReferencedDocument>
      <ci:IssuerAssignedID></ci:IssuerAssignedID>
      <ci:LineID>2</ci:LineID>
      <!-- INV066 - Invoice line to order line reference ( 0..1 ) -->
    </BuyerOrderReferencedReferencedDocument>
    <GrossPriceProductPrice>
      <ci:ChargeAmount>2</ci:ChargeAmount>
      <!-- INV077 - Invoice line item gross price ( 0..1 ) -->
      <ci:AppliedAllowanceCharge>
        <!-- INV076 - Invoice line item price discount ( 0..1 ) -->
        <ci:ActualAmount>0.5</ci:ActualAmount>
        <ci:ReasonCode>77</ci:ReasonCode>
      </ci:AppliedAllowanceCharge>
    </GrossPriceProductPrice>
    <NetPriceProductPrice>
      <ci:ChargeAmount>1.50</ci:ChargeAmount>
      <!-- INV075 - Invoice line item net price ( 0..1 ) -->
    </NetPriceProductPrice>
  </SpecifiedLineItemTradeAgreement>
  <SpecifiedLineItemTradeDelivery>
    <BilledQuantity unitCode="SET">100</BilledQuantity>
    <!-- INV064 - Invoiced quantity ( 1..1 ) -->
    <!-- INV094 - Quantity Unit of measure ( 1..1 ) -->
  </SpecifiedLineItemTradeDelivery>
  <SpecifiedLineItemTradeSettlement>
    <ApplicableTax>
      <ci:TypeCode>VAT</ci:TypeCode>
      <ci:CategoryCode listID="5305" listAgencyID="6"
listVersionID="D09B">S</ci:CategoryCode>

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        <!-- INV072 - Invoice line VAT category code ( 0..1 ) -->
    </ApplicableTax>
    <SpecifiedLineItemMonetarySummation>
        <LineTotalAmount>150</LineTotalAmount>
        <!-- INV065 - Invoice line net amount ( 1..1 ) -->
    </SpecifiedLineItemMonetarySummation>
</SpecifiedLineItemTradeSettlement>
<SpecifiedProduct>
    <ci:ID schemeID="{scheme ID here}" schemeAgencyID="6">ST98765</ci:ID>
    <!-- INV070 - Invoice line item standard identifier ( 0..1 ) -->
    <ci:SellerAssignedID>SE56789</ci:SellerAssignedID>
    <!-- INV069 - Invoice line item Seller identifier ( 0..1 ) -->
    <ci:Name>Nuts and Bolts</ci:Name>
    <!-- INV068 - Invoice line item name ( 1..1 ) -->
</SpecifiedProduct>
</IncludedTradeLineItem>
</TradeTransaction>
</CrossIndustryInvoice>

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See Separate File: [Part 3 Annex E_CEN_Core Invoice Example File v1.0 CCTS3NDR3.zip](#)