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Business Interoperability Interfaces for Public Procurement in Europe - Post Award - Part 313: UN/CEFACT Syntax Implementation Guideline for Trdm110 Order Agreement

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European foreword

CWA 17029-313, **UN/CEFACT Syntax Implementation Guideline for Trdm110 Order Agreement** was developed in accordance with CEN-CENELEC Guide 29 “CEN/CENELEC Workshop Agreements – The way to rapid agreement” and with the relevant provisions of CEN/CENELEC Internal Regulations - Part 2. It was agreed on 2015-12-02 in a Workshop by representatives of interested parties, approved and supported by CEN following a public call for participation made on 2013-02-20. It does not necessarily reflect the views of all stakeholders that might have an interest in its subject matter.

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This CEN Workshop Agreement (CWA) has been drafted and approved by the Workshop on **Business Interoperability Interfaces for Public procurement in Europe (BII)**, phase 3.

CWA 17029-313:2016 (E)

CWA 17029 is part of a set of CWAs prepared by CEN/WS BII3¹⁾:

CWA 17025:2016 BII Architecture
CWA 17026:2016 BII Notification profiles and transactions
CWA 17027:2016 BII Tendering profiles and transactions
CWA 17028:2016 BII Catalogue profiles and transactions
CWA 17029:2016 BII Post-award profiles and transactions

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¹⁾ In order to ease the reading and review the CWAs provided by BII, they are also made available on <http://www.cenbii.eu> together with explanatory notes and supporting material. The official version is however the version as published by CEN.

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Introduction

The CEN BII Workshop was established in May 2007 with the objective of harmonising electronic public procurement in Europe. The BII Workshop is a standardisation initiative within CEN (European Committee for Standardisation). It provides a framework for interoperability in pan-European electronic transactions expressed as a set of technical specifications ("Profiles"). Profiles are designed to facilitate effective public e-procurement based on a modular approach for implementation, with a focus on global interoperability.

BII Profiles can be seen as "agreements" on message contents and business processes. The profile descriptions focus on the core information elements that typically cater to the majority of user requirements applicable across Europe and lower the need for detailed bilateral agreements between the trading partners.

More information about the BII initiative can be found in CWA 17025:2016 and on www.cenbii.eu.

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1 Scope

To explain how to use CEFACT syntax to support the CEN BII information transaction requirements. The main function is to provide the syntax mappings from the CEFACT syntax to the CEN BII information requirement model. Chapter 4 contains two tables where these mappings can be found:

1. A table depicting the structure of the elements of the CEFACT document and their relationship with the CEN BII information requirement model.
2. A detailed table with additional information on the semantics of the BII information requirements and references to the code lists.

The code lists and coded elements are identified in chapter 3, both for coded elements and for list scheme identifiers.

There are references to examples in chapter 7 to provide a complete vision of a CEFACT document following the BII information requirements.

Chapter 6 contains a list of Schematron files created from the Business Rules identified in the Profiles for this transaction.

2 Goal

The goal of this guideline is to describe the implementation of the CEN BII transaction 110 Order Agreement using the UN/CEFACT XML CrossIndustryOrderResponse document.

3 Common Code Lists

3.1 Code Lists for Common Coded Elements

The following table is used for listing the code lists.

Business Term	Source	Subsey	Xpath	listID
Country Code	ISO 3166-1 alpha2 ²	-	//CountryID	-
Currency Code	ISO 4217 ³	-	CrossIndustryOrderResponse/CIOHS upplyChainTradeTransaction/Applica bleCIOHSupplyChainTradeSettlemen t/OrderCurrencyCode @currencyID	ISO 4217 3A

² http://www.iso.org/iso/home/standards/country_codes.htm

³ http://www.currency-iso.org/dam/downloads/dl_iso_table_a1.xml

3.2 Code Lists for Identifier Schemes

Business Term	Schemel D	Xpath	Note
VAT category code	UN/ECE 5305 subset by CEN BII	CrossIndustryOrderResponse/CIOHSupplyChainTradeTransaction/IncludedCIOLSupplyChainTradeLineItem/SpecifiedCIOLSupplyChainTradeSettlement/ApplicableCITradeTax/CategoryCode	-

3.3 Process Control

3.3.1 Specification identification / CustomizationID

An identification of the specification containing the total set of rules regarding semantic content, cardinalities and business rules to which the data contained in the instance document conforms:

Value used for all profiles:

urn:www.cenbii.eu:transaction:biitrns110:ver3.0

3.3.2 Business process type identifier / ProfileID

Identifies the business process context in which the transaction appears. Value of the profileID will vary according to what profile the transaction is used in:

- Profile 42: urn:www.cenbii.eu:profile:bi142:ver2.0

4 Document structure and information content

4.1 Document structure

Occurrence	Element/Attribute	BII Business Term Path	Business req.
CrossIndustryOrderResponse			
1 .. 1	CIExchangedDocumentContext		
1 .. 1	BusinessProcessSpecifiedCIDocumentContextParameter		
1 .. 1	ID	Business process type identifier	tir110-008
1 .. 1	GuidelineSpecifiedCIDocumentContextParameter		
1 .. 1	ID	Specification identification	tir110-009
1 .. 1	CIORHExchangedDocument		
1 .. 1	ID	Order agreement identifier	tir110-001
1 .. 1	IssueDateTime	Order agreement issue date Order agreement issue time	tir110-002 tir110-003
0 .. 1	IncludedCINote	Order agreement note	tir110-043
1 .. 1	CIOSHSupplyChainTradeTransaction		
1 .. 1	ApplicableCIOSHSupplyChainTradeAgreement		
0 .. 1	BuyerReference	Buyer reference identifier	tir110-044
0 .. 1	SellerCITradeParty		
0 .. 1	ID	Seller party identification	tir110-014
0 .. 1	Name	Seller party name	tir110-013
0 .. 1	DefinedCITradeContact		
0 .. 1	PersonName	Contact point	tir110-016
0 .. 1	TelephoneCIUniversalCommunication		
1 .. 1	CompleteNumber	Contact telephone number	tir110-018
0 .. 1	FaxCIUniversalCommunication		
1 .. 1	CompleteNumber	Contact fax number	tir110-017
0 .. 1	EmailURICIUniversalCommunication		
1 .. 1	URI	Contact email address	tir110-019
0 .. 1	PostalCITradeAddress		
0 .. 1	PostcodeCode	Post code	tir110-060
0 .. 1	LineOne	Address line 1	tir110-057
0 .. 1	LineTwo	Address line 2	tir110-058
0 .. 1	CityName	City	tir110-059
0 .. 1	CountryID	Country code	tir110-062
0 .. unbounded	CountrySubDivisionName	Country subdivision	tir110-061
0 .. 1	EndPointURICIUniversalCommunication		
0 .. 1	URIID	Seller electronic address	tir110-015
0 .. 1	ChannelCode		
0 .. 1	BuyerCITradeParty		
0 .. 1	ID	Buyer customer account identifier	tir110-011
0 .. 1	Name	Buyer name	tir110-010
0 .. 1	PostalCITradeAddress		
0 .. 1	PostcodeCode	Post code	tir110-054
0 .. 1	LineOne	Address line 1	tir110-051
0 .. 1	LineTwo	Address line 2	tir110-052
0 .. 1	CityName	City	tir110-053
0 .. 1	CountryID	Country code	tir110-056
0 .. unbounded	CountrySubDivisionName	Country subdivision	tir110-055
0 .. 1	EndPointURICIUniversalCommunication		

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