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Item 4 of the provisional agenda

Recommendations and standards

Summary report of activities involving recommendations and standards

Submitted by the UN/CEFACT Bureau for noting

Summary

This report provides a summary of activities related to recommendations and standards.

1. This report covers current UN/CEFACT activities involving recommendations and standards.
2. The UN/CEFACT website provides information on the status of projects concerned with recommendations and standards within the five Programme Development Areas (PDAs):
 - Trade and Transport Facilitation
 - Supply Chain
 - Regulatory
 - Sectoral
 - Methodology and Technology.

Ongoing maintenance activities appear as updated outputs in the standards section of the website.

3. All projects follow the UN/CEFACT Open Development Process (ODP). Some projects do not follow the latest version, which was approved in February 2012, because they were started before that date. Experts participating in projects adhere to the UN/CEFACT Code of Conduct and the UN/CEFACT Intellectual Property Right Policy.

4. Examples of some key developments under way and some initiatives under consideration are noted below:

(a) Further contributions to the suite of Recommendations concerning Single Window. The work is directed towards the topic of Single Window Interoperability, i.e. where two or more Single Windows are connected to operate within a country or across borders;

(b) Revision of Recommendation 14, Authentication of Trade Documents by Means Other than Signature (published in 1979), which requires broad outreach to other organizations working on similar topics, as well as careful coordination with ongoing work on transboundary issues;

(c) Public-private consultation approaches to broaden guidance provided some years ago in Recommendation 4 concerning national trade facilitation bodies;

(d) Cargo Tracking and Tracing, which will provide Business Process Models for business scenarios and the business transactions involved in tracing and tracking cargos in the international logistics chain;

(e) Legal notice publication, business process models and class diagrams documenting business transactions;

(f) Activities involving Core Component Library 2.01 in relation to updates for travel, transboundary movements of waste, short-sea transport and fish traceability;

(g) Development of Core Component Library 3.0 artefacts based upon Cross Industry Invoice, e-Tendering and Contract Financial Execution Management models;

(h) Flower sector developments relating to invoicing;

(i) Electronic interchange of fisheries' catch data;

(j) Rapid alert system for food and feed safety (RASFF);

(k) Food chain involving fruits and vegetables, dairy products and cereals;

(l) Trusted electronic trade document exchange in transboundary scenarios.

5. A list of standards developments since the eighteenth Plenary for noting by the nineteenth Plenary appears in annex I.
6. The current list of projects concerned with recommendations and standards appears in annex II organized by PDAs.
7. A summary list of deliverables published by UN/CEFACT appears in annex III.

Annex I.

Deliverables approved since the eighteenth Plenary

- Codes for Units of Measure Used in International Trade (Recommendation No. 20 - Revision 8 of code list)
- Codes for Passengers, Types of Cargo, Packages and Packaging Materials (Recommendation No.21 - Revision 9 of code list)
- Freight Cost Code (FCC) (Recommendation No. 23 - Revision 9 of code list)
- UN/EDIFACT Directory (Versions D11.B, D12.A and D12.B)
- UN/LOCODE Directory (Versions 2011-2, 2012-1 and 2012-2)
- UN/CEFACT Core Component Library (Versions D.11B and D.12A)
- UN/CEFACT XML Schema Library (Versions D.11A and D.11B)
- UN/CEFACT Core Components Data Type Catalogue Version 3.1
- Business Requirement Specifications (BRS), Documentation Template Guidelines
- Requirements Specification Mapping (RSM), Documentation Template Guidelines
- Core Components Business Document Assembly Technical Specification (CCBDA)
- Rules for Presentation of Standardized Message and Directories Documentation (R.1023 - Revision 12.0)

Annex II.

List of projects by Programme Development Area

Trade and Transport Facilitation PDA

Cargo Tracing and Tracking

Consultation Models for Public and Private Sector Consultation

Dangerous Goods Declaration

Revision of Recommendation No.14 - Authentication of Trade Documents by Means other than Signature

Recommendation No. 36 - Single Windows Interoperability

Transport BP Modelling

Transport Core Components

Transport Instructions

Transport Status Reporting

Transport Waybill

Supply Chain Management PDA

Accounting & Audit

Accounting Bundle Collection

Accounting Chart of Accounts

Accounting Entry v.1 & v.2 (maintenance)

Accounting Journal

Accounting Ledger

Accounting Message

Accounting Reporting

Accounting Trial Balance

Lexical Nomenclature

Bill

Contract Financial Execution Management

Cross Industry Invoice Process

Contract/Order

Cross Industry Ordering

Cross domain and other

Accounting Token

Deliver

Cross Industry Delivery

Cross Industry Scheduling

Project Schedule & Cost Performance Management

Notify

Legal Notice Publication (LNP)

Pay

Cross Industry Remittance Advice

Source

Cross Industry Catalogue

Tender

Cross Industry Quotation

eTendering ebXML Standards Project

Regulatory PDA

Dangerous Goods Declaration

Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Material Safety Data Sheet BP models and Class Diagrams

Registration, Evaluation, Authorization and Restriction of Chemicals

Sectoral PDA

Agriculture

Electronic interchange of fisheries catch data

Livestock life record

e-Laboratory observation report message

eCert - XML for Sanitary and Phytosanitary Certificates

eDAPLOS

Cattle Registration Information Exchange

Electronic Data Exchange Proxy

Agronomical Observation Report

Rapid Alert System for Feed and Food

Sectoral PDA

Insurance

Core components and models of building blocks for health insurance in the field of reimbursement of claims

Submission of core components for commercial insurance

Submission of core components for property claims handling

Sectoral PDA

Travel and tourism

Small-scale lodging house information

Small-scale lodging house reservation information process

Small-scale lodging house travel product information process (maintenance)

Destination travel information process

Sectoral PDA

Utilities

Alignment of master data for metering point and of measured data in the deregulated energy market

Methodology and Technology PDA

BDH - Standard business document header

Code list publication

"Open data interchange" framework

Procedure for CCTS 3 & NDR 3 artefacts publication

UML Profile for core components (UPCC)

UN/CEFACT context methodology (UCM)

XML Representation of core components

Annex III.

Published deliverables

<i>Official name</i>	<i>Type</i>	<i>Developed by</i>	<i>Fast-tracked by</i>	<i>Maintained by</i>	<i>Status</i>	<i>Date</i>
Recommendation No. 1 - United Nations Layout Key for Trade Documents	REC	CEFACT		CEFACT	A	2002
Recommendation No. 2 - Locations of Codes in Trade Documents (now included in CEFACT Rec 1)	REC	CEFACT		CEFACT	H	1973
Recommendation No. 3 - Code for the Representation of Names of Countries	REC	CEFACT		CEFACT	A	1996
Recommendation No. 4 - National Trade Facilitation Bodies	REC	CEFACT		CEFACT	A	2001
Guideline to Recommendation No. 4 - National Trade Facilitation Bodies	REC	CEFACT		CEFACT	A	2001
Recommendation No. 6 - Aligned Invoice Layout Key for International Trade	REC	CEFACT		CEFACT	A	1983+
Recommendation No. 7 - Numerical Representation of Dates, Time and Periods of Time	REC	CEFACT		CEFACT	A	1988
Recommendation No. 8 - Unique Identification Code Methodology – UNIC	REC	CEFACT		CEFACT	A	1992
Recommendation No. 9 - Alphabetic Code for the Representation of Currencies (and funds)	REC	CEFACT		CEFACT	A	1996
Recommendation No. 10 - Codes for the identification of Ships	REC	CEFACT		CEFACT	A	1978/1996 /1997
Recommendation No. 11 - Documentary Aspects of the Transport of Dangerous Goods	REC	CEFACT		CEFACT	A	2008
Recommendation No. 12 - Measures to Facilitate Maritime Transport Documents Procedures	REC	CEFACT		CEFACT	A	2011
Recommendation No. 13 - Facilitation of Identified Legal Problems in Import Clearance Procedures	REC	CEFACT		CEFACT	A	1979
Recommendation No. 14 - Authentication of Trade Documents by Means Other than Signature	REC	CEFACT		CEFACT	A	1979
Recommendation No. 15 - Simpler Shipping Marks	REC	CEFACT		CEFACT	A	2000
Recommendation No. 16 - LOCODE - Code for Trade and Transport Locations	REC	CEFACT	IATA	CEFACT	A	1998

<i>Official name</i>	<i>Type</i>	<i>Developed by</i>	<i>Fast-tracked by</i>	<i>Maintained by</i>	<i>Status</i>	<i>Date</i>
Recommendation No. 17 - PAYTERMS - Abbreviations for Terms of Payment	REC	CEFACT		CEFACT	A	1982
Recommendation No. 18 - Facilitation Measures Related to International Trade Procedures	REC	CEFACT		CEFACT	A	2000
Recommendation No. 19 - Code for Modes of Transport	REC	CEFACT		CEFACT	A	1981/2001
Recommendation No. 20 - Codes for Units of Measure Used in International Trade [see ISO 2955:1983, withdrawn by JTC1/SC32]	REC	CEFACT	TC 97	CEFACT	A	2010 + various
Recommendation No. 21 - Codes for Passengers, Types of Cargo, Packages and Packaging Materials (with Complementary Codes for Package Names)	REC	CEFACT		CEFACT	A	1994/2010
Recommendation No. 22 - Layout Key for Standard Consignment Instructions	REC	CEFACT		CEFACT	A	1989
Recommendation No. 23 - Freight Cost Code - FCC	REC	CEFACT		CEFACT	A	2011
Recommendation No. 24 - Trade and Transport Status Codes	REC	CEFACT		CEFACT	A	2009
Recommendation No. 25 - Use of the UN Electronic Data Interchange for Administration, Commerce and Transport Standard (UN/EDIFACT)	REC	CEFACT		CEFACT	A	1995
Recommendation No. 26 - The Commercial Use of Interchange Agreements for Electronic Data Interchange	REC	CEFACT		CEFACT	A	1995
Recommendation No. 27 Preshipment Inspection	REC	CEFACT		CEFACT	A	1999
Recommendation No. 28 Codes for Types of Means of Transport	REC	CEFACT	IATA	CEFACT	A	2010
Recommendation No. 31 Electronic Commerce Agreement	REC	CEFACT		CEFACT	A	2000
Recommendation No. 32 - E-Commerce Self-Regulatory Instruments (Codes of Conduct)	REC	CEFACT		CEFACT	A	2001
Recommendation No. 33 - Single Window Recommendation	REC	CEFACT		CEFACT	A	2004
Recommendation No. 34 - Data Simplification and Standardization for International Trade	REC	CEFACT		CEFACT	A	2011
Recommendation No. 35 - Establishing a legal framework for international trade Single Window	REC	CEFACT		CEFACT	A	2011
Recommendation N°36 - Single Windows Interoperability	REC	CEFACT		CEFACT	A	In Progress

<i>Official name</i>	<i>Type</i>	<i>Developed by</i>	<i>Fast-tracked by</i>	<i>Maintained by</i>	<i>Status</i>	<i>Date</i>
Draft Recommendation N°37 - Digital Signature Interoperability	REC	CEFACT		CEFACT	H	TBD
Business Requirement Specifications	BS	CEFACT		CEFACT	A	various
Business Requirement Specification (BRS) Documentation Template	TS	CEFACT		CEFACT	A	2012
Core Components Business Document Assembly	TS	CEFACT		CEFACT	A	2012
Core Components Version 2.01	TS	CEFACT	TC 154	CEFACT	A	2004/2007
Core Components Version 3.0	TS	CEFACT		CEFACT	A	2009
CEFACT/XML Schemas	TS	CEFACT		CEFACT	A	bi-annual
Core Components Data Type Catalogue Version 2.01	TS	CEFACT		CEFACT	A	2003
Core Components Data Type Catalogue Version 3.1	TS	CEFACT		CEFACT	A	2012
UN/EDIFACT Data element directory (EDED, CDED, SD)	TS	CEFACT		CEFACT	A	bi-annual
UN/EDIFACT Directories (UNSM)	BS	CEFACT		CEFACT	A	bi-annual
International Supply Chain reference Model	BS	CEFACT		CEFACT	A	2010
LOCODE maintenance	CL	CEFACT		CEFACT	A	bi-annual
UN/EDIFACT Message design rules	TS	CEFACT		CEFACT	A	1993+
XML Naming and Design Rules Technical Specification Version 2.01	TS	CEFACT		CEFACT	A	2004
XML Naming and Design Rules Technical Specification Version 3.0	TS	CEFACT		CEFACT	A	2009
Requirements Specification Mappings	BS	CEFACT		CEFACT	A	various
Requirements Specification Mapping (RSM) Documentation Template	TS	CEFACT		CEFACT	A	2012
Business Document Header	TS	CEFACT		CEFACT	A	In progress
Context Methodology	TS	CEFACT		CEFACT	A	In progress
UMM Foundation Module Version 2.0 (2011) UMM Base Module Version 2.0 (2011)	TS	CEFACT		CEFACT	A	2011
Core Components Library based on CCTS 2.01	BS	CEFACT		CEFACT	A	various

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Core Components Library based on CCTS 3.0	BS	CEFACT		CEFACT	A	In progress
UN[EDIFACT] Code List	TS	CEFACT		CEFACT	A	bi-annual
UNTDDED vol. II (informative)	TS	CEFACT		CEFACT	H	2005
UML Profile for Core Components (UPCC) Version 1.0	TS	CEFACT		CEFACT	A	2008
UML Profile for Core Components (UPCC) Version 3.0	TS	CEFACT		CEFACT	A	2011

Explanatory note for abbreviations in table

Type = Category of standardization from publishing body

REC = Recommendation

TS = Technical Specification

CL = Code List

BS = Business Standard

A = Active

H = on hold
