34th UN/CEFACT Forum Assembly Meeting

28 October – 1 November 2019
London, IMO building
Welcome and keynote

• Ms. Maria Ceccarelli, Director-Officer-in-Charge, Economic Cooperation and Trade Division, UNECE

• Ms. Heike Deggim, Director of Maritime Safety Division, IMO

• Ms. Shamika Sirimanne, Director Division of Technology and Logistics, UNCTAD

• Ms. Sue Probert, Chair, UN/CEFACT
Reminder on UN/CEFACT participation

• All experts (and Bureau members) participate within UN/CEFACT in their own capacity and do not represent any organization or country (in accordance with the UN/CEFACT Code of Conduct).

• All participants within UN/CEFACT respect the relevant IPR policy.

• UN/CEFACT is a collaborative environment where public sector experts and private sector experts work together on trade facilitation and e-business standards for the global trading community.
International Trade Procedures Domain

ITP-PDA Vice Chair: Ms. Estelle Igwe
Domain Coordinator: Ms. Virginia Cram Martos
Disaster Recovery project leader: Ms. Virginie Bohl
Rec5 revision (INCOTERMs) project leader: Mr. Tomas Malik
ITPD – recent activities

Integrated Services for MSMEs in International Trade (ISMIT): Opening the Global Economy to MSMEs – White Paper

This project is complete and will be presented to the UN/CEFACT Plenary in April 2020

Readiness for importation of emergency relief

UN/CEFACT Policy Recommendation Project (IMPACCT)

The document is being finalized and should be ready for public review in November

Revision Recommendation 5 on the use of INCOTERMS

The draft text is finalized and should be going to public review in October or November
ITPD – upcoming activities

Planning for 3 future projects was agreed

1) Revision of Recommendation 18: Facilitation Measures Related to International Trade Procedures
   All experts are invited to read the current text and provide suggestions for deletions, editions and needed re-writes. Inputs and project proposal to be coordinated by Joelle Friedman

2) A Revision of Recommendation 31: Electronic Commerce Agreements
   Inputs from experts interested in legal issues and project proposal to be coordinated by Jeremmy Okonjo

3) Development of a new project proposal on Smart Corridors (to support transit of goods)
   Inputs and project proposal to be coordinated by Mor Talla Diop
Single Window Domain

ITP-PDA Vice Chair: Ms. Estelle Igwe
Domain Coordinator: Mr. Aleksei Bondarenko
Rec33 revision project leader: Mr. Ibrahima Diagne
Core Principles project leader: Mr. Richard Morton
SWD – recent activities

• Recommendation 33 revision project
  • Finalised the text of Recommendation.
  • Successfully gone through the Public review.

• Core Principles for the Operation of Single Window
  • Decided to finalize a White Paper and then continue towards a Recommendation.
  • Timeline to be updated to continue the project
SWD – upcoming activities

• Discuss Ideas for the possible new Project in 2019-2020

• There are new initiatives as a priorities:
  • Recommendation on Trade Information Portal
  • Trade Facilitation Ecosystem.
Trade Facilitation Agreement Focal Point

ITP-PDA Vice Chair: Ms. Estelle Igwe
Focal Point: Mr. Yves Jobin
TFA-FP - activities

• Assessing the improvements in Trade Facilitation based on the 2019 Global Survey
• Developing feedback on how countries are using UN/CEFACT recommendations based on a short questionnaire
• Initial analysis:
  • 7 responses; Serbia, Montenegro, Turkey, Papua New Guinea, Togo, Zambia and Madagascar
  • Most are familiar with the work of UN/CEFACT and the recommendation identified to support the TFA (Recom. 1, 4, 18, 33, 34, 35, 36, 40 and 41).
  • Recommendations introduced by intern. Consultants
  • Key challenge from the secretariats are the management of public-private engagements
  • Request to have clear “executive summary” to help them capture the content before reading all.
Supply Chain Management / Procurement Domain

ISC-PDA Vice Chair: Mr. Ian Watt
ISC-PDA Vice Chair: Mr. Raffaele Fantetti
Domain Coordinator: Mr. Edmund Grey
CII-BRS Repository Project Lead: Mr. Rolf Wessel
CI S.C. Track/Trace Project Lead: tbc
SCM+P – recent activities

• Development of CCBDA message assemblies for Delivery. This involves the assemblies for the messages:
  • Depatch Advice (revised)
  • Receiving Advice (new)

• Delivery process message Despatch Advice & Receiving Advice will be published for 20A.
## SCM+P – upcoming activities

<table>
<thead>
<tr>
<th>Time</th>
<th>Group</th>
<th>Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00 – 10:30</td>
<td>SCM-P</td>
<td>New project proposal for eInvoicing. Discussion on EN 16931.</td>
</tr>
<tr>
<td>11.00 – 11:45</td>
<td>SCM-P</td>
<td>API use cases for Supply Chain and Procurement</td>
</tr>
<tr>
<td>11:45 – 12:30</td>
<td>SCM-P</td>
<td>UNCITRAL Model Law on Electronic Transferable Records</td>
</tr>
<tr>
<td>16.00 – 17:30</td>
<td>SCM-P</td>
<td>S/C Trace and Trace project.</td>
</tr>
</tbody>
</table>
Transport and Logistics Domain

ISC-PDA Vice Chair: Mr. Ian Watt
ISC-PDA Vice Chair: Mr. Raffaele Fantetti
Domain Coordinator: Mr. David Roff
IMO-FAL mapping Project Leader: Mr. Nico Decauwer
Smart Container Project Leader: Ms. Hanane Becha
Data Pipeline Project Leader: Mr. David Roff
T+L – recent activities

- Completion of **Buy Ship Pay** Project
- **Code Lists** for UN/CEFACT recommendations proposal for management of T&L related under T&L domain. i.e. Rec 23 has 77 new requests
- **UN/LOCODE** and Child Code (BIC, SMDG, IMO) Overview to explain use in trade.
- **Smart Container** Update – moving into the data modelling phase
- **Data Pipeline** Update – BRS complete only one comment for next call to close off. Project exit next stage.
- **IMOFAI** – Some decisions to make whether to dive into the individual messages next
T+L – upcoming activities

• Provide **feedback to UN/LOCODE Re-Engineering project** that the continued publication twice a year is a problem for trade, new codes should be available as verified.

• In addition the introduction of **decimal codes** is important for machine to machine communication in addition to the current notation.

• Consider some kind of **marketing of UN/LOCODE and Child Codes and use in industry**

• Proposal for new **Road Project** to include dataset and API

• Interim Meeting in Paris during January
Finance and Payment Domain

ISC-PDA Vice Chair: Mr. Ian Watt
ISC-PDA Vice Chair: Mr. Raffaele Fantetti
Domain Coordinator: Ms. Liliana Fratini Passi
F+P – Status of the activities

Closed Projects

- **Purchase Order Financing Request** (Team Leader: Fabio Sorrentino):
  - After the completion of the BRS (Business Requirements Specification), by following the Bureau’s guidelines, the project team defined the RSM (Requirements Specification Mapping);
  - The Bureau approved the POF Request deliverable on 9 September 2019 and the BRS was published at [http://www.unece.org/cefact/brs/brs_index.html](http://www.unece.org/cefact/brs/brs_index.html);

Ongoing Projects

- **IoT Whitepaper**:
  - Work in progress (Team Leader: Carlo Salomone)

Prospect Projects

- **Blockchain**:
  - Start of the analysis and gathering of the requirements to define project proposals and the term of reference at the basis of the project team, which must include participation from market operators, on the supply chain finance topic

- **APIs and Open Banking for Trade Facilitation**:
  - Prosecution of the analysis on the topic of Open Banking’s role in trade facilitation
Accounting and Audit Domain

ISC-PDA Vice Chair: Mr. Ian Watt
ISC-PDA Vice Chair: Mr. Raffaele Fantetti
Domain Coordinator: Mr. Eric Cohen
A+A RDM Project Lead: Mr. Eric Cohen
A+A – recent activities

• Accounting and Audit Reference Data Model project
  • Interoperability of Accounting and Audit Standards
  • Multiple standards considered
  • Conference during 33rd Forum concluding that UN/CEFACT be used as a semantic hub

• Identification of tools and methodology
  • Topic Maps, NetWorker Tool
  • First draft of A+A-RDM tested and being validated

• Now obtaining inputs from participants
A+A – upcoming activities

- Organization of regular conference call meetings

- Completing first draft of Core Components to XBRL GL mapping

- Working on feedback, input and questions

- Meeting on Thursday PM in room 7
- Meeting on Friday AM in room 6
Insurance Domain

ISC-PDA Vice Chair: Mr. Ian Watt
ISC-PDA Vice Chair: Mr. Raffaele Fantetti
Domain Coordinator: Mr. Michel Bormans
INS – recent activities

• Active Projects:
  • Reimbursement of Healthcare Claims
    • Head of Delegation support obtained

• Recent activities
  • Several meetings by phone, web and F2F to adjust with CEN TC 445 (Digital Information Interchange in the Insurance Industry)
    • UN/CEFACT outcomes are the base for European work with CEN TC 445
    • Adjustment with CEN TC 443 and Cross Industry Invoice
  • Continued follow-up with Council of Bureaux (COB)
    • digitalisation of the paper “Green Card” = “motor liability insurance certificate”.
INS – upcoming activities

- Reimbursement of Healthcare Claims
  - No progress made

- COB “motor liability insurance certificate”
  - Depending on decisions within the COB itself

- Non-actual “INS-projects”
  - Continued CEN TC/445 observation and involvement
  - Continued M&T - Lib. Maint. Involvement
  - Continued evaluation of potential work/input into/from
    - ITPD / ISCO / SCMP
International Supply Chain Orchestration Domain

ISC-PDA Vice Chair: Mr. Ian Watt
ISC-PDA Vice Chair: Mr. Raffaele Fantetti
Domain Coordinator: Mr. Rajiv Garg
RDM2API Project Lead: Mr. Steve Capell
API Town Plan Project Lead: Mr. Steve Capell
ISCO – recent activities

• Promote ISCO Domain & collaborate with experts in the team
• 5+ conf calls combination of monthly & bi-weekly. High level of participation with 21+ attendees in some calls.
• Encourage experts to participate in ISCO Domain activities.
• Prepare team for forum and API conference
• Bureau approved two new projects:
  • RDM2API - A methodology to develop RESTful Web APIs based on Open API 3.0 standards
    • Tested the methodology to generate API from RDM for Vessel/Voyage....
    • Growing interest from other transport modes to participate
  • Town plan – Establishes high level plan and associated governance and publish framework to establish all UN/CEFACT APIs
    • APIs are rampanty growing, there is risk of confusion and overlap/gaps creating a need for standards to be developed
ISCO – upcoming activities

• Work on Projects:
  • RDM2API 6 deliverables:
    • Model interchange.
    • Open API UML Profile.
    • Open API3.0 NDR.
    • Interface conformance rules.
    • JSON-LD NDR.
    • Dictionary conformance rules.
  • Town Plan 4 deliverables:
    • First Draft Town Plan.
    • Governance Model.
    • Detailed API specifications.
    • Use case.

• Tools: Study tools for generating API
• ISCO Engaging with other domains on potential APIs
• Develop framework for program of work to present in next forum
• Promote Technical discussion
eGovernment Domain

REG-PDA Vice Chair: Mr. Tahseen Khan
Domain Coordinator: Mr. Kaushik Srinivasan
Blockchain Project Lead: Ms. Virginia Cram Martos
IoT for TF Project Lead: Ms. Virginia Cram Martos
Inter-Ledger Project Lead: Mr. Steve Capell
eGOV – recent activities

• IoT Whitepaper project
  • Two whitepapers being drafted
    • Use of IoT in Trade Facilitation
    • Use of UN/CEFACT standards in IoT applications
  • Focus areas include
    • What is IoT and what are the elements of IoT
    • Use of IoT with Blockchain, AI and Big Data, 5G, Edge etc
    • Application areas
    • Data/Message/Process Standards and Cyber Security Issues
  • Progress to date
    • Draft chapter submissions for first whitepaper to be made by end of this week

• Project on Cross border inter-customs ledger using Blockchain
  • Exchange of preferential Certificate of Origins over a cross border distributed ledger platform such as Blockchain
  • Outputs include
    • BRS/RSM and guidance material on exchange of digital certificate of origin using Blockchain
    • Reference implementation
  • Progress to date
    • Early draft API specifications were completed in July 2019
    • Face to Face meeting held in Singapore based on which next API specifications are being drafted
eGOV – upcoming activities

• New project on Digital Id for Trade submitted
  • Project approved by Bureau
  • Call for participation has been issued
  • Outputs include
    • Whitepaper on case studies of existing digital ID systems
    • Whitepaper on best practices for developing digital ID systems
  • Focus areas include
    • Identity and verification
    • Standards for ID, Data Exchange, Trust, Authentication
    • Other Issues including regulations and interoperability
• Project Core Team
  • Lead – Vijay Kumar
  • Co-lead – Chris Gough

• Other focus areas
  • Artificial Intelligence for Trade Facilitation
  • Study of existing cross border authentication mechanisms for paperless trade
  • Mutual recognition for cross border paperless trade
  • Data Retention and Time Stamping
Environnement Domain

REG-PDA Vice Chair: Mr. Tahseen Khan
Domain Coordinator: Mr. Norbert Pfaffinger
Waste Mgmt Project Lead: Mr. Norbert Pfaffinger
ENV – recent activities

Waste Management (ongoing project)
• Drafted BRS
  • near completion at London Forum

Transboundary Movements of Waste (completed project)
• Supported implementation in Europe
  • EC Waste Shipments EDI group
  • EC Electronic Freight Transport Information group
  • Pilot data interchange projects with CH, DE, IT, AT
ENV – upcoming activities

Waste Management (ongoing project)
• Completion of BRS, RSM and CCL submission
• Public Draft Review
  • Collaborative UN/CEFACT Environment
  • Expected to start in November/December 2019

Transboundary Movements of Waste (completed project)
• Further implementation support
Agriculture, Fisheries and Agri-Food Domain

SEC-PDA Vice Chair: Mr. Harm Jan van Burg
Domain Coordinator: Mr. Frans van Diepen
eQuality Cert. Project Lead: Mr. Johan den Engelse
eCERT Guide Project Lead: Mr. Benno Slot
Textile Trace Project Lead: Ms. Maria-Teresa Pisani
AGRI – recent activities

• development e-Certificate of Origin
  • BRS and submission
    in cooperation with blockchain pilot ICL

• UNFLUX
  • update inspection report messages
  • policy paper
  • communication material
  • participation in FAO CWP (fishery statistic handbook)

• Implementation guidelines for e Certificates
  (SPS eCERT, eQuality, eCITES)

• Sustainable Textile and Leather
  • project start
  • pilot project definition
AGRI – upcoming activities

Monday
• implementation guidelines,
• maintenance issues on agriculture messages

Tuesday
• Team of Specialist Sustainable Fisheries

Wednesday – Thursday
• workshop Sustainable Textile and Leather value chains
Travel and Tourism Domain

SEC-PDA Vice Chair: Mr. Harm Jan van Burg
Domain Coordinator: Mr. Akio Suzuki
Experience Program Technical Artefacts Project Lead: Mr. Sachin Mehta
Sustainable Tourism Project Lead: Mr. Tunghua Tai
T+T – recent activities

After the last Forum in Geneva,

1) UN/CEFACT T/T Domain Interim Meeting in June 2019
   a. Discussed on Business Standards for Sustainable Tourism Project (ST project) after its formal approval of the Bureau in the middle of May
   b. Worked for the Bureau approval of the another Project: Experience Programs Technical Artefacts (EPs project), which was approved in the end of Sept. This project was supported by the HoDs of Greece, Russia and Japan.

2) Monthly Con-Calls of the AFACT or UN/CEFACT T/T experts to discuss the projects
T+T – upcoming activities

During this Forum week and thereafter

1) Keep working for the two projects (ST and EPs projects) aiming to complete on schedules

2) Consider the near future domain and relevant projects management

3) Attend the ISCO progress on APIs meeting
Specifications Domain

M+T-PDA Vice Chair: Mr. Anders Grangård
Domain Coordinator: Mr. Hisanao Sugamata
Head/Envelope Project Lead: Mr. Anders Grangård
Head/Envelope Project Lead: Mr. Kenneth Bengtsson
Message Construction Project Lead: Mr. Hisanao Sugamata
SPEC – recent activities

• Message Construction Project

Project scope:
The guidelines introduces the method to design a XML user message using MA, MBIE and QDT under the rules of CCTS, CCBDA and NDR.

Status:
Project Inception: finished Mar/2019
Requirement Gathering: Jul/2019
Draft development: Dec/2019 (on going this week)
Public Review: Jan-Feb/2020 (Planned)
SPEC – upcoming activities

• Further analysis relevant to Message Construction Guideline Project

  ➢ CCBDA revision project
    Non consistent rules and unbiguous rules

  ➢ NDR issues

  ➢ Coorporation mechanism project
    Business Document Assembly Profile
    Business Document Assembly Agreement
Library, Syntax and Validation Focal Points

M+T-PDA Vice Chair: Mr. Anders Grangård
Library Focal Point: Ms. Mary Kay Blantz
Syntax Focal Point: Mr. Gait Boxman
Validation Focal Point: Mr. Hidekazu Enjo
Library Maintenance since last Forum

CCL D19A (based on CCTS 2.01)

- Produced/validated/published CCL, including updates for
  - Agriculture:
    - eQuality
    - FLUX (Fisheries)
  - Transport & Logistics: Multi Modal Transport
  - Supply Chain:
    - SCRDM (Supply Chain Reference Data Model)
    - Asia updates

- CCs: 7,906
- BIEs: 12,784
- qDTs: 160
Library Maintenance at this Forum

CCL D19B (based on CCTS 2.01)

- Produced/validated CCL, including updates for
  - Agriculture
    - eCert
    - FLUX
  - Finance
  - Supply Chain:
    - SCRDM (Supply Chain Reference Data Model)
    - Asia updates
- CCs: 7,956
- BIEs: 12,928
- qDTs: 165

Note: Schema validation expected this week
Validation

• Validation Focal Point
  • To finish validation of following outputs since last Forum.
    • CCL 19A (based on CCTS 2.01)
    • XSD 19A
    • UN/EDIFACT Directory 19A
    • CCL 19B
  • To be validating XSD 19B this week
  • To be going to validate following outputs:
    • UN/EDIFACT Directory 19A
    • Recommendation 20
Housekeeping
• General information on lunch and coffee

• Secretariat support available at the Welcome Desk in the Foyer

• All presentations during the Forum need to be submitted to the secretariat
  • All slides including this one will be on the website

• Please fill in and return attendance list for Domain meeting groups
Housekeeping

• This is a paper-less meeting; everything will be updated on the event webpage at: http://www.unece.org/uncefact/34thuncefactforum.html

• Also a CUE page for photos: https://uncefact.unece.org/pages/viewpage.action?pageId=47907038

• Social dinner: registration and payment is mandatory
  • Special thanks to GEFEG and DCSA who are co-sponsoring this event

• Next Forum: Geneva 27 April – 1 May 2020
• Next Plenary: Geneva, 4 – 5 May 2020
All UNECE and UN/CEFACT Recommendations, codes, standards and publications are available for free on our website at:

- www.unece.org/
- www.unece.org/trade
- www.unece.org/cefact/
- tfig.unece.org

• Secretary of UN/CEFACT, Head of UN/CEFACT Support Unit:
  • Lance THOMPSON, UNECE
  • lance.thompson@un.org
Thank you