

AUDIT **REPORT**

OF THE

D09A ACC and BIE CCL Directories
and
All associated RSMs and schemas

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1. Introduction

UN/CEFACT ICG are pleased to announce that the D09A Core Component Library (CCL) and Schema directories have been produced in compliance with existing procedures and consider it satisfactory for implementation.

2. Summary

The D.09A audit began 2009-05-30 on receipt from TBG17 of the draft D.09A CCL. This CCL release underwent some 3 audit passes, each pass necessitating revision. The final submission was received and approved by the ICG on 2009-06-29 and published on the UN/CEFACT website on 2009-07-10.

The D.09A CCL audit identified no notable issues over and above those already identified in the D.08B directory audit.

The audit also covered the validation of two Requirements Specification Mappings, namely the CII (Cross Industry Invoice) RSM and the Lodging House Travel Product Information RSM.

Schema generation is dependent on finalisation of the CCL. Consequently the generation of the schemas could not be begun before 2009-07-09.

The ICG validation of the schemas began on 2009-09-15 with the reception of the first schema directory for audit from ATG. Five audit passes were required.

The final pass was received on 2009-09-30.

The schema library was approved by the ICG on 2009-09-30.

This report details the audit findings from the audit cycles of the D.09A CCL and schemas.

CCL file pass 1	CCL09A_28MAY09.zip
CCL file pass 2	CCL09A_24JUN09.zip
CCL file pass 3	CCL09A_28JUN09.zip

Schema file:pass 1	D09A-draft_20090915.zip
Schema file pass 2	D09A-draft_20090925.zip
Schema file pass 3	D09A-draft_20090927.zip
Schema file pass 4	D09A-draft_20090930.zip
Schema file pass 5	D09A-draft_20090930A.zip

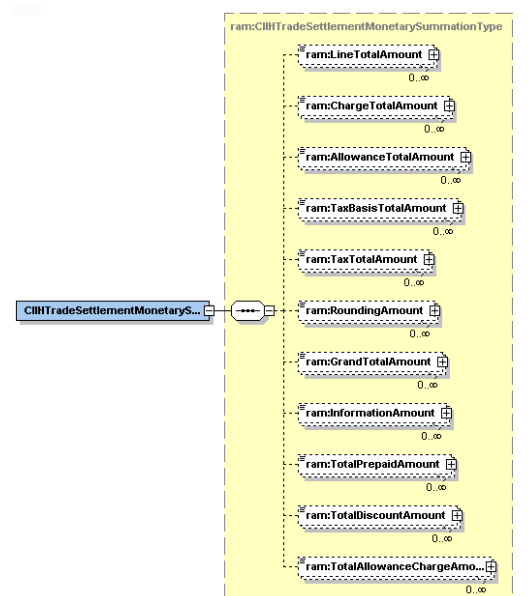
3. General

Attribute multiplicity

The audit of the D.09A CCL and schema library has once again brought to light the excessive use of 0 to unbounded for attributes and the use of acronyms to specialise ABIEs.

The 0 to unbounded case can be particularly highlighted with the CII class “CIIHTradeSettlementMonetarySummation” which is a class that provides “A collection of trade settlement monetary totals specified for this Cross Industry Invoice Header (CIIH).”. In this class one can see that every total amount attribute has a multiplicity of [0..unbounded]. It is unclear from the supporting documentation how such a class can be correctly used. Particular note is taken of the attribute “TaxTotalAmount” where no clarification has been provided as to how the repetitions of such an attribute are to be used.

In essence we believe that in order to make correct use of this schema it will be necessary to modify it thus losing any benefits of a standardised schema.



The ICG also identified during the CCL audit the case of using an unbounded multiplicity with an attribute which has the type “indicator”. It is unclear from the supporting documentation as to the business reasoning for having multiple indicators, in particular taking note of the definition “An indication of whether or not this usage condition is applicable”.

The use of acronyms to specialise ABIEs is also very apparent from the CII schema where no less than 3 acronyms, CI, CIIH, CIIL, that make the ABIEs difficult to use in other circumstances. These acronyms do not respect the CCTS naming convention where a qualifier should be providing additional information about an object class. Instead the qualifiers are providing an indication of where it is being used.

These problems have already been identified in previous audits but have not been addressed.

#Recommendation 1 D.09A: The ICG Recommends that all outstanding issues and recommendations be urgently addressed as the problems from previous audits are being exacerbated with each new release.

4. List of Open Issues & Recommendations

The following is a list of the issues still open that have been carried forward from previous audits and that the ICG considers need urgent resolution. Other issues of a minor nature have not been brought forward in this list:

Issue 1: The ICG considers that the allocation of a minor/major change indication to a codelist is inconsistently addressed in the NDR. A change to a codelist is considered a minor change whereas a change to an enumeration is considered a major change. Since an enumeration is merely a codelist embedded in a schema, both types of change should be treated in the same manner. The ICG considers this to be an issue that should be resolved with the evolution of the NDR.

Issue 2: The ICG considers that the rules as defined in appendix H (Naming and Design Rules list) of the NDR should be standalone and respected. Any such rules that require interpretation (e.g. because of the context that they are defined in) should be enhanced to eliminate the requirement for interpretation.

Issue 3: The ICG believes that the release of a schema which is semantically no different from the previous release should have the same version information.

Issue 4: The ICG believes that the convention for the use of Supplementary Component information in a restricted codelist through its namespace should be clearly documented. This appears to be a restriction of the implementation possibilities.

Recommendation 3-D.08A: The ICG recommends that the UN/CEFACT Controlled Vocabulary be published on the UN/CEFACT website and that formal procedures be put into place to cover its ongoing maintenance.

Recommendation 4-D.08A: The ICG recommends that as a matter of urgency the CCL ongoing maintenance process be formalised, in particular to define the CCL change request workflow to ensure the transparent evolution of the directory and assignment of appropriate change indicators (not dissimilar to that implemented for UN/EDIFACT) .

Recommendation 4-D.08A: The ICG recommends that the code list and identifier list be merged into one to better facilitate access and for consistency.

Recommendation 5-D.08A: The ICG recommends that TBG17 refrain from assigning acronyms as qualifier terms to indicate where an ABIE is to be used, as opposed to further define the meaning of the object class.

Recommendation 6-D.08A: The ICG recommends that a formal procedure be put into place to manage the evolutions of the CCL spreadsheet layout to ensure that all interested parties are aware of layout changes before the publication of a CCL release.

Recommendation 7-D.08A: The ICG recommends that the RSM clearly expresses the intent of the use of the multiplicity 'unbounded' so that implementers may know what should be provided. This is especially important when multiple occurrences of data with the same semantic meaning need to be differentiated through different supplementary component values.

Recommendation 8-D.08A: The ICG recommends that TBG17 ensure that the RSM canonical model and the resulting ABIE(s) are in alignment.

Recommendation 9-D.08A: The ICG recommends that the TBG groups make sure that the BRS clearly reflects the resulting implementation of the syntax solution. Any evolutions that have occurred should be reflected in the BRS.

Recommendation 10-D.08A: The ICG recommends that the TBG groups treat the BSP model as a guideline for the development of UN/CEFACT compliant schema and recognise that it is not mandated as criteria to impose design constraints which are not business driven.

Recommendation 11-D.08A: The ICG recommends that the schema components for code lists should only make use of a single version of a given code list within a particular UN/CEFACT release.

Recommendation 12-D.08A: The ICG recommends that as part of its audit checks, it confirms that for each code list, that the version identification is correct and that this version is used as the schema component. This implies that schema components for code lists should only make use of a single version of a given code list within a particular UN/CEFACT release.

Recommendation 13-D.08A: CEFACT needs to establish a more direct liaison with respective ISO Maintenance Agencies for code lists used within CEFACT to ensure that latest versions are correctly identified and published as part of the CEFACT deliverables.

Recommendation 14-D.08A: The ICG recommends that for annotation, that multiple qualifier terms are presented as a single annotation element. This would ensure documentation compatibility with the CCL and comply with the CCTS 2.01 specification.

Recommendation 15-D.08A: The ICG recommends that ATG provide the documentation relevant to the use of supplementary components in the documentation of the XML datatype rendering.

Recommendation 16 D.08A: The ICG recommends that ATG identify two independent tools which can be used for schema generation and which produce the same generation results. It should also be borne in mind the intended evolution to UPCC compliant specifications.

Recommendation 1-D.08B: The ICG recommends that the UN/CEFACT FMG put urgently into place a roadmap to move the CCL for an Excel base to a UPCC compliant library.

Recommendation 2-D.08B: The ICG recommends that any deviation to the UN/CEFACT production process be first formalised, in particular where potential enhancements are required to the process that could necessitate change to the foundation UMM, CCTS and/or NDR specifications.

#Recommendation 1 D.09A: The ICG Recommends that all outstanding issues and recommendations be urgently addressed as the problems from previous audits are being exacerbated with each new release

5. Annexes

Annex A. D.09A Core Component Library Audit

A.1 Detailed Assessment

A.1.1. D.09A Summary

Directory	Audit Check	Audit Comments
ALL	Differences between D.08B & D.09A	See 2.2 below
ALL	Duplicate / Missing / Incorrect UIDs	No inconsistencies detected
ALL	Duplicate/ Missing / Incorrect DENs	See 2.3 below
ALL	Duplicate / Missing / Suspect Definitions	See 2.4 below
ALL	Definition Spelling / Grammar / Structure	See 2.5 below
ACC BIE	Check consistency between the Message-BIE and ACC libraries.	No inconsistencies detected
BIE qDT	Check consistency between the Message-BIE and Message-qDT libraries.	See 2.6 below
ASBIE ABIE	Check consistency between the ASBIE and ABIE entries in the Message-BIE library.	No inconsistencies detected
BIE	Check that all root (message) level ABIEs and all associated ABIEs are present in the Message-BIE library. Check that there no extraneous ABIEs present.	See 2.7 below
ALL	Review of CII (Cross Industry Invoice) RSM	See 2.8 below
ALL	Review of Lodging House Travel Product RSM	See 2.9 below
BIE	Observations on cardinality for indicators	See 2.10 below
BIE	Infinite Loops	No inconsistencies detected

A.1.2. D.08B / D.09A Differences

D.08B UID / Name	D.09A UID / Name	Audit Comments
UN00003112 (Trade Delivery. Final Delivery. Indicator)	UN00003112 (Trade Delivery. Final Delivery. Indicator)	Cardinality has changed, "CHG" indicator missing. Corrected (added CHG)
UN01002248 (Referenced_ Regulation. Details)	UN01002248 (Referenced_ Regulation. Details)	Definition has changed, "CHG" indicator missing. TBG17: We removed 'a name is...' from the definition. Per ICG, we were told no CHG was required for this type of change. No change required
UN01003138 (Branch_ Financial Institution. Details) UN01003173 (Financial Institution_ Address. Details) UN01004493 (Trade Settlement_ Financial Card. Details) UN02000001 (Adjustment Reason_ Code. Type) UN02000002 (Billing_ Document_ Code. Type) UN02000003 (Country_ Identifier. Type) UN02000005 (Delivery Terms_ Code. Type) UN02000008 (Payment Terms Event_ Time Reference_ Code) UN02000009 (Payment Guarantee Means_ Code. Type) UN02000012 (Payment Terms_ Identifier. Type) UN02000051 (LogisticsChargeCalculationBasis_ Code.Type) UN02000061 (TransportEquipmentSizeType_ Code.Type) UN02000062 (ChargePaying_PartyRole_ Code.Type) UN02000071 (DimensionType_ Code.Type) UN02000074 (FreightChargeTariffClass_ Code.Type) UN02000076 (MarkingInstruction_ Code.Type) UN02000081 (PaymentMeansChannel_ Code.Type) UN02000087 (TransportEquipmentCategory_ Code.Type) UN02000097 (FreightChargeType_ Identifier.Type) UN02000098 (TransportMeansType_ Code.Type)		New qDT in D.09A Message-qDT, "ADD" change indicator required. See also 2.6 (BIE / qDT Consistency) below. TBG17: Will use ADD for anything that is new to the Message qDT and BIE library. Corrected
UN02000013 (Price Type_ Code. Type)		New qDT in D.09A Message-qDT, "ADD" change indicator required instead of "CHG". TBG17: changed CHG to ADD. Corrected

A.1.3. Duplicate/ Missing / Incorrect DENs

D.09A UID / Name	D.09A UID / Name	Audit Comments
UN00004147	Insurance Policy. Closing to Cedent Fiscal Year. Date Time	Property term "to" should be "To". TBG17: Found two more without caps Corrected

A.1.4. D.09A Definitions

UID	Type / Name / Definition	Audit Comments
UN00004143 UN00004190	Insurance Policy. Self-Insured. Indicator Insured. Self Insured. Indicator	UN00004143 and UN00004190 have duplicate definition. Corrected
UN00003718	Base Premium. Specified. Base Amount Calculation	Double space in definition. Corrected

UN00004182	Insurance Product. Details A combination of coverages for selling purposes.	Question the adequacy of the definition. "A combination of coverages for selling purposes". "coverages"?? Modified definition
UN00002589	Information Sharing Permission. Indicator	Replace "it's" with "its" in definition. Corrected
UN00004157	Insurance Policy. Cedent Share. Percent	Replace "cedents" with cedent's" in definition? Corrected
UN00004147	Insurance Policy. Closing to Cedent Fiscal Year. Date Time	"The date, time, date time or other date time value for the closing to cedent fiscal year for this insurance policy"? Corrected

A.1.5. Spelling / Grammar / Structure

UID	Type / Name	Audit Comments
UN00001233 UN01005122	ACC Usage Condition. Details ABIE Usage Condition. Details	Spelling of "fulfilment" differs between ACC & ABIE definitions. Corrected ACC definition

A.1.6. BIE / qDT Consistency

D.09A BIE UID / Name	D.09A qDT UID / Name	Audit Comments
	UN02000061 (Transport Equipment Size Type_ Code. Type)	New qDT not referenced in Message-BIE library as a "Qualified Data Type UID". Suggest remove qDT if not used. Corrected removed from qDT
	UN02000076 (Marking Instruction_ Code. Type)	New qDT not referenced in Message-BIE library as a "Qualified Data Type UID". Suggest remove qDT if not used. Corrected removed from qDT
	UN02000087 (Transport Equipment Category_ Code. Type)	New qDT not referenced in Message-BIE library as a "Qualified Data Type UID". Suggest remove qDT if not used. Corrected removed from qDT
UN01005864 (CIH_ Exchanged_ Document. Type. Code)	UN02000002 (Billing_ Document_ Code. Type)	Question validity of this qDT reference. CII RSM specifies a restricted list of 10 codes. qDT UN02000002 has 21 codes. Added UN02000113 (Invoice_ Document_ Code. Type)

A.1.7. Root Level ABIE Consistency

ABIE UID / Name	Audit Comments
UN01005466 (CI_ Delivery_ Instructions. Details) UN01005498 (CI_ Handling_ Instructions. Details) UN01005538 (CI_ Logistics_ Transport Equipment. Details) UN01005635 (CI_ Supply Chain_ Forecast Terms. Details) UN01005640 (CI_ Supply Chain_ Inventory. Details) UN01005657 (CI_ Supply Chain_ Supply Plan. Details)	New ABIEs in the D.09A Message-BIE library appear not to be associated with any new or existing message: Corrected (ABIEs deleted from Message-BIE library) Corrected

A.1.8. RSM – CII (Cross Industry Invoice)

Document: TBG1_RSM_Cross_Industry Invoice_2.00.08.doc

Section	Audit comments
Cover page. 1. Preamble 2. References 3. Objective 4. Definition of terms 5. Target technology solutions 6.1. Conceptual Data Model	No inconsistencies detected
6.2. Canonical Data Model	See table below Corrected
7.1. Basic Business Information Entities section	The following BBIEs do not appear in the D.09A Message-BIE library: CI_ Logistics_ Transport Equipment. Category. Code CI_ Logistics_ Transport Equipment. Characteristic. Code Logistics_ Shipping Marks. Marking Instruction. Code Corrected RSM: UN01005864 (CIIH_ Exchanged_ Document. Type. Code) CCL: UN02000002 (Billing_ Document_ Code. Type) Question validity of this qDT reference. CII RSM specifies a restricted list of 10 codes. qDT UN02000002 has 21 codes. New qDT (UN02000113 - Invoice_ Document_ Code. Type) created.
7.2. Aggregate Business Information Entities section	The following ABIE does not appear in the D.09A Message-BIE library nor in the Canonical Model. CI_ Logistics_ Transport Equipment Corrected The following ABIEs do not appear in the D.09A Message-BIE library nor in the Canonical Model. They do however appear with qualified with "CI_". Suggest delete the unqualified ABIEs from this RSM section. Creditor_ Financial Account Creditor_ Financial Institution Debtor_ Financial Account Debtor_ Financial Institution Spatial_ Dimension Corrected
8. Core components UN/CEFACT Registry version used	No inconsistencies detected
9. Draft Core Component reference	No need to include x/s, just reference latest version of the draft CCL D.09A. Not included
10. Additional documentation	No inconsistencies detected
11. Additional information	Message Assembly, no inconsistencies detected

CII RSM Canonical Model	D.09A BIE UID / Name	Audit Comments
CIIH Trade Agreement CIIL Trade Agreement CIIH Trade Delivery CIIL Trade Delivery	UN01005718 ABIE CI_ Trade_ Contact	Number of associations different between CI_ Trade_ Contact and Universal_ Communication: RSM: 7

CIH Trade Settlement CIIL Trade Settlement CIIL Trade Product		CCL: 8
All diagrams where Specified_ Binary File is shown	UN01006014 ABIE Specified_ Binary File	Association to <i>Specified_ Period</i> missing in RSM
CIIL Trade Agreement	UN01005790 ABIE CI_ Trade_ Price	Association to <i>Specified_ Period</i> missing in RSM
CIIL Trade Agreement	UN01005706 ABIE CI_ Trade_ Allowance Charge	Association to <i>CI_ Trade_ Currency Exchange</i> missing in RSM. It also has an association to <i>CI_ Referenced_ Document</i> .
CIH Trade Delivery CIIL Trade Delivery	UN01005626 ABIE CI_ Supply Chain_ Event	Association to <i>Specified_ Period</i> missing in RSM
CIH Trade Settlement CIIL Trade Settlement	UN01005519 ABIE CI_ Logistics_ Service Charge	Association to <i>CI_ Trade_ Price</i> missing in RSM. It also has underlying associations that are missing.
CIH Trade Settlement CIIL Trade Settlement	UN01005512 ABIE CI_ Logistics_ Location	Association to <i>CI_ Geographical Coordinate</i> missing in RSM
CIH Trade Settlement CIIL Trade Settlement	UN01005832 ABIE CI_ Trade_ Tax	Association to <i>CI_ Trade_ Country</i> missing in RSM

A.1.9. RSM – Small Scaled Lodging House Travel Product Information Process

Document: 090617RSM for SmallScaledLodgingHouseTravelProduct (Date 17/06/2009)

Section	Audit comments
Cover Page Reference documents 1. Objective section 2. Definition of terms section 3. Target technology solution	No inconsistencies detected
4. Information payload to be implemented section	Class "Distinctive. Travel Product_ Feature" missing from Data Model, associated with "Lodging House_ Travel Product Sub-Component". Class is present in data model.
5. Business information entity reference section	RSM worksheet "Lodging House_ Travel Product. Applicable. Discounted_ Price" implemented in draft D.09A as UN01004941 "Lodging House_ Travel Product. Applicable. Discount_ Price" Corrected See also 2.10 (Observations on cardinality of BBIEs with datatype of indicator) below.
6. Core components UN/CEFACT registry version used	No inconsistencies detected
Additional information	Message Assembly, no inconsistencies detected

A.1.10. Observations on cardinality of BBIEs with datatype of indicator

An addition in D.09A:

UN01005122	ABIE	Usage Condition. Details	
UN01005123	BBIE	Usage Condition. Age Limitation. Text	0..unbounded
UN01005124	BBIE	Usage Condition. Applicable. Indicator	0.. unbounded
UN01005125	BBIE	Usage Condition. Appropriate Clothing. Text	0..1
UN01005126	BBIE	Usage Condition. Description. Text	0..1
UN01005127	BBIE	Usage Condition. Duration. Text	0..1
UN01005128	BBIE	Usage Condition. Gender Limitation. Text	0..1
UN01005129	BBIE	Usage Condition. Identification. Identifier	0..unbounded
UN01005130	BBIE	Usage Condition. Occupancy. Text	0..unbounded
UN01005131	BBIE	Usage Condition. Physical Characteristic. Text	0..unbounded
UN01005132	BBIE	Usage Condition. Required. Indicator	0..1

Two indicators in the above ABIE, one with a cardinality of "0..1" and the other with "0..unbounded". Concerning the latter, it is unclear from the RSM as to the business reasoning for having multiple indicators, in particular taking note of the definition "An indication of whether or not this usage condition is applicable". There are a number of other similar examples in the CCL. Users benefit from implementation clarity, the RSM should elaborate, with examples, on instances where multiple occurrences of an indicator may be applicable.

TBG17: While we understand the concern, we prefer to leave this as is. Mirror ABIEs pose interesting situations for future qualification of this ABIE.

[No Change](#)

A.2 D.09A Schema Library Audit

A.2.1. ABIE library

1. UN01000131 BBIE: CCL reads « of » in lower case; schema reads « Of » with the « O » in uppercase

ATG2 response: This inconsistency was also addressed for the D08B schema publication. Due to the parallel development/completion of the D08B and D09A, the changes applied for D08B was unfortunately not properly carried forward into D09A.

Resolution: XML schemas have been corrected.

2. UN01002418 BBIE: CCL reads “clean up” in lower case; schema reads “clean Up” with the “U” in uppercase

ATG2 response: See 1 above.

Resolution: XML schemas have been corrected.

3. ReusableABIE file has the wrong version (6) it should be 7 in all schemas.

ATG2 response: Unfortunate mistake in the parameter settings in the publication tool.

Resolution: XML schemas have been corrected.

A.2.2. Business Messages

4. Cropdatasheet ASMA is missing property term and property qualifier term

ATG2 response: According to the Business Message Assembly Template property term and property qualifier term is not relevant for ASMA. This is also consistent with the template submitted with the approved RSM.

Resolution: No change.

5. Lodging house request an “id” is missing in Local Organisation.

ATG2 response: Please provide specific reference. ATG2 is not able to identify this error.

Resolution: No change.

6. LodgingHouseResponse Dictionary entry name with “Lodging house organisation” twice. It is missing property term and property qualifier terms. This is throughout the document

ATG2 response: Please provide specific reference. ATG2 is not able to identify this error.

Resolution: No change.

7. Qualification Result notice UID and Version change for TenderTenderingProcess.

ATG2 response: Unfortunate mistake in the parameter settings in the publication tool.

Resolution: XML schemas have been corrected.

8. There a change of the base for AccountingLineCategoryCodeType from

E203:accountingEntryLineCategoryContentType to E601AccountingAmountType.

ATG2 response: Unfortunate mistake due to an error in the source data bases received from TBG17.

Resolution: XML schemas have been corrected.

9. ReceptionOf qualification the UID and versions has changed for the ASMA.

ATG2 response: Assumes this comment referees to ReceptionOfQualification Application, in which case it is an unfortunate mistake in the parameter settings in the publication tool.

Resolution: XML schemas have been corrected.

10. RegistrationApplication MA name and ASMA name and object class term differences

ATG2 response: Unfortunate mistake in the parameter settings in the publication tool.

Resolution: XML schemas have been corrected.

11. SPSAcknowledgement ASMA entry name repetition, property term and property qualifier term missing

ATG2 response: According to the Business Message Assembly Template property term and property qualifier term is not relevant for ASMA. This is also consistent with the template submitted with the approved RSM. As for "ASMA entry name repetition", please provide specific reference. ATG2 is not able to identify this error.

Resolution: No change.

12. SPS Certificate version should by 3 ID missing entry name repetition, property term and property qualifier term missing twice.

ATG2 response: See 11 above.

Resolution: version changed but No other change.

A.2.3. Code lists

13. The following file is missing EDIFICASEU_AccountingEntryLineCategory_D09A.xsd

ATG2 response: This is a consequence of the error identified in 8 above.

Resolution: New file provided.

14. code 3 of AccountingEntryLineSource has had the definition changed from "lost" to "loss". Should this induce a version change?

ATG2 response: This is a correction of a typo in the definition and not a change to the semantics, thus no version change.

Resolution: No change. Shouldn't it be a revision change?

15. UNECE-Temperature-coded has additional code and no version change

ATG2 response: There should have been a minor version change.

Resolution: XML schemas have been corrected.

16. UNECE-Status code has additional code and no version change

ATG2 response: There should have been a minor version change.

Resolution: XML schemas have been corrected.

17. UNECE UNECE_SecurityClassificationType_D09A.xsd version number incorrect (less than previous version)

ATG2 response: Unfortunate mistake in the parameter settings in the publication tool.

Resolution: XML schemas have been corrected

18. UNECE UNECE_ScheduleTaskType_D09A.xsd version number incorrect (less than previous version)

ATG2 response: Unfortunate mistake in the parameter settings in the publication tool.

Resolution: XML schemas have been corrected Could you explain why this goes from version 1 to 2 when others with code additions go from 1 to 1.1?

19. UNECE UNECE_ScheduleTaskRelationshipType_D09A.xsd version number incorrect (less than previous version)

ATG2 response: Unfortunate mistake in the parameter settings in the publication tool.

Resolution: XML schemas have been corrected

20. UNECE_ResourcePlanMeasureType_D09A.xsd version number incorrect (less than previous version)

ATG2 response: Unfortunate mistake in the parameter settings in the publication tool.

Resolution: XML schemas have been corrected

21. UNECE_ResourceCostCategory_D09A.xsd version number incorrect (less than previous version)

ATG2 response: Unfortunate mistake in the parameter settings in the publication tool.

Resolution: XML schemas have been corrected

22. UNECE_ReportingThresholdTriggerType_D09A.xsd version number incorrect (less than previous version)

ATG2 response: Unfortunate mistake in the parameter settings in the publication tool.

Resolution: XML schemas have been corrected

23. UNECE_ReferenceTypeCode_D09A.xsd Version not changed and codes added

ATG2 response: There should have been a minor version change.

Resolution: XML schemas have been corrected.

24. UNECE_ProjectTypeCode_D09A.xsd version number incorrect (less than previous version)

ATG2 response: Unfortunate mistake in the parameter settings in the publication tool.

Resolution: XML schemas have been corrected

25. UNECE_CargoTypeClassificationCode_D09A.xsd has disappeared

ATG2 response: Unfortunate mistake due to an error in the source data base received from TBG17.

Resolution: XML schemas have been corrected.

26. UNECE_PackageTypeCode_2006.xsd has disappeared

ATG2 response: Unfortunate mistake due to an error in the source data base received from TBG17.

Resolution: XML schemas have been corrected.

27. UNECE_PartyRoleCode_D09A.xsd Version not changed and codes added

ATG2 response: There should have been a minor version change.

Resolution: XML schemas have been corrected.

28. UNECE_MessageFunctionCodeAcknowledgement_D09A.xsd version number incorrect (less than previous version)
version number should be changed to reflect additional codes

ATG2 response: Version was incorrect. Semantically there should be no change in this code list, thus version is retained from previous publication.

As for the code values included in the schema no new values has been added, there is however an unfortunate mistake regarding the name and definition for the code values.

Unfortunate mistake due to an error in the source data base received from TBG17.

Resolution: XML schemas have been corrected.

29. UNECE_MeasurementUnitCommonCodeDuration_4.xsd Version not changed and codes added

ATG2 response: Version is correct. There should be no change in this code list, thus version is retained from previous publication.

Any new codes were due to an unfortunate error in the source data base received from TBG17.

Resolution: XML schemas have been corrected.

30. UNECE_ContractTypeCode_D09A.xsd version number incorrect (less than previous version)

ATG2 response: Unfortunate mistake in the parameter settings in the publication tool.

Resolution: XML schemas have been corrected

31 UNECE_CostManagementCode_D09A.xsd version number incorrect (less than previous version)

ATG2 response: Unfortunate mistake in the parameter settings in the publication tool.

Resolution: XML schemas have been corrected

32. UNECE_CostReportingCode_D09A.xsd version number incorrect (less than previous version)

ATG2 response: Unfortunate mistake in the parameter settings in the publication tool.

Resolution: XML schemas have been corrected

33. UNECE_DocumentNameCode_D09A.xsd version number incorrect (less than previous version) Version should have changed codes added

ATG2 response: There should have been a minor version change.

Resolution: XML schemas have been corrected.

34. UNECE_DocumentStatusCode_D09A.xsd version number incorrect (less than previous version)

ATG2 response: Unfortunate mistake in the parameter settings in the publication tool.

Resolution: XML schemas have been corrected

35. UNECE_MeasuredAttributeCode_D09A.xsd Version should have changed codes added

ATG2 response: There should have been a minor version change.

Resolution: XML schemas have been corrected.

36. UNECE_LocationFunctionCode_D08B.xsd missing

ATG2 response: Unfortunate mistake due to an error in the source data base received from TBG17.

Resolution: XML schemas have been corrected.

37. UNECE_HierarchicalStructureTypeCode_D09A.xsd Version should have changed codes added

ATG2 response: There should have been a minor version change.

Resolution: XML schemas have been corrected.

38. UNECE_DutyorTaxorFeeCategoryCode_D08B.xsd version number incorrect (less than previous version)

ATG2 response: Unfortunate mistake in the parameter settings in the publication tool.

Resolution: XML schemas have been corrected

39. UNECE_DutyTaxFeeTypeCode_D08B.xsd version number incorrect (less than previous version)

ATG2 response: Unfortunate mistake in the parameter settings in the publication tool.

Resolution: XML schemas have been corrected

40. UNECE_EarnedValueCalculationMethod_D08B.xsd version number incorrect (less than previous version)

ATG2 response: Unfortunate mistake in the parameter settings in the publication tool.

Resolution: XML schemas have been corrected

41. UNECE_FundingTypeCode_D08B.xsd version number incorrect (less than previous version)

ATG2 response: Unfortunate mistake in the parameter settings in the publication tool.

Resolution: XML schemas have been corrected.

QDT library

41. Missing XSD qDT UN02000019 (Date Mandatory_ Date Time)

Used in BBIE UN03000015 (SPS Referenced_ Document. Issue. Date Time) in ABIE UN03000014 (SPS Referenced_ Document. Details).

ATG2 response: The xsd:complexType for this QDT is defined in lines 1466 – 1483 in the file QualifiedDataType_7p0.

Resolution: No change.

42. XSD qDT UN02000016 (Time Reference_ Code) is not used in the D.09A Message-BIE library

ATG2 response: Unfortunate mistake due to an error in the source data base received from TBG17. This xsd:complexType should not have been provided.

Resolution: XML schemas have been corrected.

43. qDT UN02000051 definitions differ :

CCL : UN02000051,DT,Logistics Charge Calculation Basis_ Code. Type,A character string used to represent the basis on which logistic charges are to be calculated.

XSD: UN02000051,DT,Logistics Charge Calculation Basis_ Code. Type,A character string used to represent the type of basis on which logistic charges are to be calculated.

ATG2 response: Unfortunate mistake due to an error in the source data base received from TBG17.

Resolution: XML schemas have been corrected.

44. qDT UN02000106 definitions differ:

CCL: UN02000106,DT,Accounting Entry Line Source_ Code. Type,A character string used to represent the source of an accounting entry line.

XSD: UN02000106,DT,Accounting Entry Line Source_ Code. Type,A character string used to represent the source of an accounting entry line.

ATG2 response: Unfortunate mistake due to an error in the source data base received from TBG17.

Resolution: XML schemas have been corrected.

45. qDT UN02000110 definitions differ:

CCL: UN02000110,DT,Accounting_ Document_ Code. Type,A character string used to represent an accounting document.

XSD: UN02000110,DT,Accounting_ Document_ Code. Type,A character string used to represent the type of an accounting document.

ATG2 response: Unfortunate mistake due to an error in the source data base received from TBG17.

Resolution: XML schemas have been corrected.

46. The codelist UNECE_StatusCode_D09A.xsd has not incorporated the D.09A UNCL additions.

ATG2 response: Unfortunate mistake due to an error in the source data base received from TBG17.

Resolution: XML schemas have been corrected.