

Fourth Cycle
Validation Report

OF THE

CCL 21B

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1. Introduction

Files for First Cycle:	CCL 21B 29SEP21.zip	2021-09-29 – complete file.
	Controlled Vocabulary 11APR20.docx	Controlled vocabulary file.
Files for Second Cycle:	CCL 21B 20OCT21.zip	2021-10-20 – complete file.
	Controlled Vocabulary 11APR20.docx	Controlled vocabulary file.
Files for Third Cycle:	CCL 21B 13NOV21.zip	2021-11-13 – complete file.
	Controlled Vocabulary 13NOV21.docx	Controlled vocabulary file.
Files for Fourth Cycle:	CCL 21B 22NOV21.zip	2021-11-22 – complete file.
	Controlled Vocabulary 13NOV21.docx	Controlled vocabulary file.

This validation report only addresses these last documents.

2. Normative References

- Core Components Technical Specification (ebCC, a.k.a. CCTS) version 2.01
- ISO 11179-5 Information Technology - Metadata registries: Naming and Identification Principles for Data Elements
- TBG17 CCL (Core Component Library) Submission Guidelines and Procedures UN/CEFACT/TBG17/N004 Draft Version 3.0
- ICG AUDIT PROCEDURES CEFACT/ICG/2009/IC002 Version 1 Release 0

3. Structure of CCL

3.1 Pass 1

No inconsistency is found.

3.2 Pass 2

No inconsistency is found.

3.3 Pass 3

No inconsistency is found.

3.4 Pass 4

No inconsistency is found.

4. Automatic Tool Assessment

4.1 Pass 1

Validation was performed on only CCL sheet in a library.

4.1.1 To identify any inconsistencies with the unique identification of the artefacts

No inconsistency is found.

4.1.2 To identify any inconsistencies with the names of the artefacts

Rule C10 (The dictionary content, with the exception of *Business Terms*, shall be in the *English Language* following the primary *Oxford English Dictionary* English spellings to assure unambiguous spelling.) **Violations.**

UID	TYPE	Definition	words	Comments
UN00009417	ASCC	A home address for this stowaway.	address	LM: corrected spelling
UN00009359	BCC	The code specifying the exryption method for this payload instance.	exryption	LM: corrected spelling

4.1.3 To identify any inconsistencies in respect to the CCTS for ACCs, BCCs and ASCCs

No inconsistency is found.

4.1.4 To identify any inconsistencies between the ASCCs and the target ACCs

No inconsistency is found.

4.1.5 To identify any inconsistencies between the UDT library and the ACC library

No inconsistency is found.

4.1.6 To identify any inconsistencies of 21A / 21B Differences

No inconsistency is found.

4.2 Pass 2

Validation that was performed on only CCL, Reference BIE, Reference qDT and uDT sheets in a library.

4.2.1 To identify any inconsistencies with the unique identification of the artefacts

No inconsistency is found.

4.2.2 To identify any inconsistencies with the names of the artefacts

Rule C10 (The dictionary content, with the exception of *Business Terms*, shall be in the *English Language* following the primary *Oxford English Dictionary* English spellings to assure unambiguous spelling.) **Violations.**

UID	TYPE	Definition	words	Comments
UN01014784	ASBIE	A home address for this stowaway.	address	LM: corrected spelling

Rule C21 (*The Dictionary Entry Name shall only contain verbs, nouns and adjectives unless a different part of speech is part of an official title, part of a term listed in the Oxford English Dictionary, or part of a Controlled Vocabulary.*)
Violations.

<i>UID</i>	<i>TYPE</i>	<i>DEN</i>	<i>words</i>	<i>Comments</i>
UN00009465	BCC	Certificate. Validity Extended Until. Date Time	Until	LM: added to controlled vocabulary
UN01014865	BBIE	Specified_ Certificate. Validity Extended Until. Date Time	Until	LM: added to controlled vocabulary

4.2.3 To identify any inconsistencies in respect to the CCTS for ACCs, BCCs and ASCCs

No inconsistency is found.

4.2.4 To identify any inconsistencies between the ASCCs and the target ACCs

No inconsistency is found.

4.2.5 To identify any inconsistencies between the UDT library and the ACC library

No inconsistency is found.

4.2.6 To identify any inconsistencies in respect to the CCTS and the Submission Guidelines for ABIEs, BBIEs and ASBIEs

No inconsistency is found.

4.2.7 To identify any inconsistencies between ABIEs and BBIEs

No inconsistency is found.

4.2.8 To identify any inconsistencies between the QDT library and the ABIE library

No inconsistency is found.

4.2.9 To identify any inconsistencies between the ASBIEs and the target ABIEs

No inconsistency is found.

4.2.10 To identify any inconsistencies between the ACC library and the ABIE library

No inconsistency is found.

4.2.11 To identify any inconsistencies of 21A / 21B Differences

No inconsistency is found.

4.3 Pass 3

4.3.1 To identify any inconsistencies with the unique identification of the artefacts

No inconsistency is found.

4.3.2 To identify any inconsistencies with the names of the artefacts

No inconsistency is found.

4.3.3 To identify any inconsistencies in respect to the CCTS for ACCs, BCCs and ASCCs

No inconsistency is found.

4.3.4 To identify any inconsistencies between the ASCCs and the target ACCs

No inconsistency is found.

4.3.5 To identify any inconsistencies between the UDT library and the ACC library

No inconsistency is found.

4.3.6 To identify any inconsistencies in respect to the CCTS and the Submission Guidelines for ABIEs, BBIEs and ASBIEs

No inconsistency is found.

4.3.7 To identify any inconsistencies between ABIEs and BBIEs

No inconsistency is found.

4.3.8 To identify any inconsistencies between the QDT library and the ABIE library

No inconsistency is found.

4.3.9 To identify any inconsistencies between the ASBIEs and the target ABIEs

No inconsistency is found.

4.3.10 To identify any inconsistencies between the ACC library and the ABIE library

No inconsistency is found.

4.3.11 To identify any inconsistencies of 21A / 21B Differences

Following a BBIE exists in a Reference BIE of 21A and 21B, and a Message BIE of 21A. However, it is missing in a Reference BIE of 21B.

<i>UID</i>	<i>DEN</i>	<i>TYPE</i>	<i>Comments</i>
UN01002523	Note. Subject. Code	BBIE	LM: We have put it back into the 21B Reference BIEs.

4.4 Pass 4**4.4.1 To identify any inconsistencies with the unique identification of the artefacts**

No inconsistency is found.

4.4.2 To identify any inconsistencies with the names of the artefacts

No inconsistency is found.

4.4.3 To identify any inconsistencies in respect to the CCTS for ACCs, BCCs and ASCCs

No inconsistency is found.

4.4.4 To identify any inconsistencies between the ASCCs and the target ACCs

No inconsistency is found.

4.4.5 To identify any inconsistencies between the UDT library and the ACC library

No inconsistency is found.

4.4.6 To identify any inconsistencies in respect to the CCTS and the Submission Guidelines for ABIEs, BBIEs and ASBIEs

No inconsistency is found.

4.4.7 To identify any inconsistencies between ABIEs and BBIEs

No inconsistency is found.

4.4.8 To identify any inconsistencies between the QDT library and the ABIE library

No inconsistency is found.

4.4.9 To identify any inconsistencies between the ASBIEs and the target ABIEs

No inconsistency is found.

4.4.10 To identify any inconsistencies between the ACC library and the ABIE library

No inconsistency is found.

4.4.11 To identify any inconsistencies of 21A / 21B Differences

No inconsistency is found.

5. Statistics

Core Component Library for 21B consists following elements:

CC	ACC	BCC	ASCC	All CC
NUL (Same)	604	5189	2652	8445
ADD	7	87	52	146
CHG	0	1	1	2
DEP	2	51	30	83
Total	613	5328	2735	8676

Reference BIEs	ABIE	BBIE	ASBIE	All BIEs
NUL (Same)	1294	8138	4310	13742
ADD	18	149	88	255
CHG	1	1	2	4
DEP	35	295	145	475
Total	1348	8583	4545	14476

Message BIEs	ABIE	BBIE	ASBIE	All BIEs
NUL (Same)	950	5150	2331	8431
ADD	1	22	17	40
CHG	0	0	0	0
DEP	1	21	7	29
Total	952	5193	2355	8500

Data Type	qDT	uDT
Total	166	20

Total of All CC/BIE/qDT/uDT : 23338

Note: All BIEs in Message BIE are same and included in Reference BIEs.

6. Conclusion

We are pleased to announce that the Core Component Library for 21B have been produced in compliance with existing procedures and we consider that it is going to satisfactory for publication.

END