

Fourth Cycle
Validation Report

OF THE

CCL 23B

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1. Introduction

Files for First Cycle:	CCL 23B_02DEC23.zip	2023-12-02 – complete file.
	Controlled Vocabulary 21MAY22.docx	Controlled vocabulary file.
Files for Second Cycle:	CCL 23B_13DEC23.zip	2023-12-13 – complete file.
	Controlled Vocabulary 13DEC23.docx	Controlled vocabulary file.
Files for Third Cycle:	CCL 23B_22DEC23.zip	2023-12-22 – complete file.
	Controlled Vocabulary 13DEC23.docx	Controlled vocabulary file.
Files for Third Cycle:	CCL 23B_01JAN24.zip	2024-1-1 – complete file.
	Controlled Vocabulary 13DEC23.docx	Controlled vocabulary file.

This validation report only addresses these last documents.

Validation was performed on CCL sheet, Message-BIE sheet, Reference-BIE sheet, Message-qDT sheet, Reference-qDT sheet and uDT sheet in a library.

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

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 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.

UID	TYPE	DEN	words	Comments
UN00009827	ASCC	Certificate. Valid To. Location	To	LM: Definition added to Controlled Vocabulary.

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 in respect to the CCTS and the Submission Guidelines for ABIEs, BBIEs and ASBIEs

Following QDT consisted by BBIE has have wrong Qualified Data Type UID.

UID	DEN	TYPE	Datatype Qualifier(s)	Representation Term	Qualified Data Type UID	Comments
UN01005601	CI_Spatial_Dimension . Value. Measure	BBIE		Measure	.	LM: dropped the qDT because Japan does not want them.
UN01005604	CI_Spatial_Dimension . Value. Measure	BBIE		Measure	.	Comments LM: dropped the qDT because Japan does not want them.
UN01005606	CI_Spatial_Dimension . Height.	BBIE		Measure	.	Comments LM: dropped the qDT because Japan does not want them.

	Measure					Also removed from diameter measure for the same reason.

4.1.7 To identify any inconsistencies between ABIEs and BBIEs

No inconsistency is found.

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

Following QDT consisted by BBIE has no Datatype Qualifier.

<i>UID</i>	<i>DEN</i>	<i>TYPE</i>	<i>Datatype Qualifier(s)</i>	<i>Representation Term</i>	<i>Qualified Data Type UID</i>	<i>Comments</i>
UN01005605	CI_Spatial_Dimension. Length. Measure	BBIE		Measure	UN02000092	LM: Removed UID.

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

No inconsistency is found.

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

No inconsistency is found.

4.1.11 To identify any inconsistencies of 23A / 23B Differences

Following BCC are difference in Datatype Qualifier between CC of 23A and that of 23B. However, there is no CHG in BCC of 23B

<i>V.</i>	<i>UID</i>	<i>DEN</i>	<i>TYPE</i>	<i>Datatype Qualifier(s)</i>	<i>Representation Term</i>	<i>Qualified Data Type UID</i>	<i>Comments</i>
23A	UN00009799	Service Charge. Currency. Code	BCC		Code		LM: had incorrect data type qualifier.
23B	UN00009799	Service Charge. Currency. Code	BCC	Currency	Code		LM: Removed datatype qualifier. Put CHG in column A.

4.2 Pass 2

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

No inconsistency is found.

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

Following QDT consisted by BBIE in Reference BIE sheet has wrong Qualified Data Type UID.

<i>UID</i>	<i>DEN</i>	<i>TYPE</i>	<i>Datatype Qualifier(s)</i>	<i>Representation Term</i>	<i>Qualified Data Type UID</i>	<i>Comments</i>
UN01005601	CI_Spatial_Dimension. Value. Measure	BBIE		Measure	.	LM: dropped the qDT because Japan does not want them. See above.

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 23A / 23B Differences

Following BBIE in Message BIE sheet are difference in Datatype Qualifier between CC of 23A and that of 23B. However, there is no CHG in BBIE of 23B

<i>V.</i>	<i>UID</i>	<i>DEN</i>	<i>TYPE</i>	<i>Datatype Qualifier(s)</i>	<i>Representation Term</i>	<i>Qualified Data Type UID</i>	<i>Comments</i>
23A	UN01007146	CI_Spatial_Dimension. Diameter. Measure	BBIE	Linear_Unit	Measure	UN02000092	LM: dropped the qDT because
23B	UN01007146	CI_Spatial_Dimension. Diameter. Measure	BBIE		Measure		LM: Put CHG in column A.

Following BBIE in Reference BIE sheet are difference in Datatype Qualifier between CC of 23A and that of 23B. However, there is no CHG in BBIE of 23B

<i>V.</i>	<i>UID</i>	<i>DEN</i>	<i>TYPE</i>	<i>Datatype Qualifier(s)</i>	<i>Representation Term</i>	<i>Qualified Data Type UID</i>	<i>Comments</i>
23A	UN01007146	CI_Spatial_Dimension. Diameter. Measure	BBIE	Linear_Unit	Measure	UN02000092	LM: dropped the qDT because Japan does not want them.
23B	UN01007146	CI_Spatial_Dimension. Diameter. Measure	BBIE		Measure		LM: Put CHG in column A.

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

Following QDT consisted by BBIE in Reference BIE sheet has wrong Qualified Data Type UID as colon “.”.

<i>UID</i>	<i>DEN</i>	<i>TYPE</i>	<i>Datatype Qualifier(s)</i>	<i>Representation Term</i>	<i>Qualified Data Type UID</i>	<i>Comments</i>
UN01005601	CI_Spatial_Dimension. Value. Measure	BBIE		Measure	.	LM: Removed full stop.

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 23A / 23B Differences

No inconsistency is found.

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 23A / 23B Differences

No inconsistency is found.

5. Statistics

Core Component Library for 23B consists following elements:

CC	ACC	BCC	ASCC	All CC
NUL (Same)	622	5484	2828	8934
ADD	6	91	21	118
CHG	0	2	0	2
DEP	2	51	30	83
Total	630	5628	2879	9137

Reference BIEs	ABIE	BBIE	ASBIE	All BIEs
NUL (Same)	1355	8753	4596	14704
ADD	1	47	5	53
CHG	0	3	0	3
DEP	34	291	147	472
Total	1390	9094	4748	15232

Message BIEs	ABIE	BBIE	ASBIE	All BIEs
NUL (Same)	952	5197	2363	8512
ADD	0	7	1	8
CHG	0	1	0	1
DEP	1	21	7	29
Total	953	5226	2371	8550

Data Type	qDT	uDT
Total	168	20

Total of All CC/BIE/qDT/uDT : 24557

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 23B have been produced in compliance with existing procedures and we consider that it is going to satisfactory for publication.

END