Fourth Cycle
Validation Report

OF THE

CCL 21B
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To identify any inconsistencies between the QDT library and the ABIE library
To identify any inconsistencies between ABIEs and BBIEs
To identify any inconsistencies in respect to the CCTS and the Submission Guidelines for ABIEs, BBIEs
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1. Introduction

Controlled Vocabulary 11APR20.docx Controlled vocabulary file.

Controlled Vocabulary 11APR20.docx Controlled vocabulary file.

Controlled Vocabulary 13NOV21.docx Controlled vocabulary 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.

<table>
<thead>
<tr>
<th>UID</th>
<th>TYPE</th>
<th>Definition</th>
<th>words</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN00009417</td>
<td>ASCC</td>
<td>A home address for this stowaway.</td>
<td>addess</td>
<td>LM: corrected spelling</td>
</tr>
<tr>
<td>UN00009359</td>
<td>BCC</td>
<td>The code specifying the encryption method for this payload instance.</td>
<td>excryption</td>
<td>LM: corrected spelling</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>UID</th>
<th>TYPE</th>
<th>Definition</th>
<th>words</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN01014784</td>
<td>ASBIE</td>
<td>A home address for this stowaway.</td>
<td>addess</td>
<td>LM: corrected spelling</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>UID</th>
<th>TYPE</th>
<th>DEN</th>
<th>words</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN00009465</td>
<td>BCC</td>
<td>Certificate. Validity Extended Until. Date Time</td>
<td>Until</td>
<td>LM: added to controlled vocabulary</td>
</tr>
<tr>
<td>UN01014865</td>
<td>BBIE</td>
<td>Specified Certificate. Validity Extended Until. Date Time</td>
<td>Until</td>
<td>LM: added to controlled vocabulary</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>UID</th>
<th>DEN</th>
<th>TYPE</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN01002523</td>
<td>Note. Subject. Code</td>
<td>BBIE</td>
<td>LM: We have put it back into the 21B Reference BIEs.</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>CC</th>
<th>ACC</th>
<th>BCC</th>
<th>ASCC</th>
<th>All CC</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUL (Same)</td>
<td>604</td>
<td>5189</td>
<td>2652</td>
<td>8445</td>
</tr>
<tr>
<td>ADD</td>
<td>7</td>
<td>87</td>
<td>52</td>
<td>146</td>
</tr>
<tr>
<td>CHG</td>
<td>0</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>DEP</td>
<td>2</td>
<td>51</td>
<td>30</td>
<td>83</td>
</tr>
<tr>
<td>Total</td>
<td>613</td>
<td>5328</td>
<td>2735</td>
<td>8676</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Reference BIEs</th>
<th>ABIE</th>
<th>BBIE</th>
<th>ASBIE</th>
<th>All BIEs</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUL (Same)</td>
<td>1294</td>
<td>8138</td>
<td>4310</td>
<td>13742</td>
</tr>
<tr>
<td>ADD</td>
<td>18</td>
<td>149</td>
<td>88</td>
<td>255</td>
</tr>
<tr>
<td>CHG</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>DEP</td>
<td>35</td>
<td>295</td>
<td>145</td>
<td>475</td>
</tr>
<tr>
<td>Total</td>
<td>1348</td>
<td>8583</td>
<td>4545</td>
<td>14476</td>
</tr>
<tr>
<td>Message BIEs</td>
<td>ABIE</td>
<td>BBIE</td>
<td>ASBIE</td>
<td>All BIEs</td>
</tr>
<tr>
<td>-------------</td>
<td>------</td>
<td>------</td>
<td>-------</td>
<td>----------</td>
</tr>
<tr>
<td>NUL (Same)</td>
<td>950</td>
<td>5150</td>
<td>2331</td>
<td>8431</td>
</tr>
<tr>
<td>ADD</td>
<td>1</td>
<td>22</td>
<td>17</td>
<td>40</td>
</tr>
<tr>
<td>CHG</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>DEP</td>
<td>1</td>
<td>21</td>
<td>7</td>
<td>29</td>
</tr>
<tr>
<td>Total</td>
<td>952</td>
<td>5193</td>
<td>2355</td>
<td>8500</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Data Type</th>
<th>qDT</th>
<th>uDT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>166</td>
<td>20</td>
</tr>
</tbody>
</table>

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