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| **UN/CEFACT Project Proposal** | | | | | |
| Project Name: | | NDR and CCBDA corrigendum | | | |
| Date submitted: | | 10 December 2020 | Proposed by: | | Hisanao Sugamata |
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| **1. Project purpose** | | | | | |
| Through the Message Construction Guideline for CCBDA project (Mar/2019 – Aug/2020), ambiguous rules and minor errors were found in XML Naming Design Rules (NDR) and Core Component Business Document Assembly (CCBDA). The purpose of this project is to correct errors and improve the specifications for user implementations of XML messages. | | | | | |
| **2. Project scope** | | | | | |
| To improve NDR 2.1 and CCBDA version 1.0 according to the requirements found in the project of Message Construction Guideline for CCBDA. | | | | | |
| **3. Project deliverables**  ***Required*** | | | | | |
| Deliverable 1: | | Corrigendum for NDR 2.1 | | | |
| Deliverable 2: | | Corrigendum for CCBDA version 1.0 | | | |
| **4. Exit Criteria**  ***Required*** | | | | | |
| Exit Criteria for Deliv. 1: | | Corrigendum for NDR 2.1 approved by the Bureau | | | |
| Exit Criteria for Deliv. 2: | | Corrigendum for CCBDA version 1.0 approved by the Bureau | | | |
| **5. Project Team membership and required functional expertise** | | | | | |
| Membership is open to UN/CEFACT experts with broad knowledge in the area of: XML message design, related activities as well as in modelling techniques. In addition, Heads of Delegations may invite technical experts from their constituency to participate in the work. Experts are expected to contribute to the work based solely on their expertise and to comply with the UN/CEFACT Code of Conduct and Ethics and the policy on Intellectual Property Rights. | | | | | |
| **6. HoD support**  *Required for Technical Standards, Business Standards and UNECE Recommendations. And at the request of the UN/CEFACT Bureau.*  *Projects that require HoD support must obtain this within 6 months of Bureau provisional approval.* | | | | | |
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| **7. Geographical focus** | | | | | |
| The geographical focus of the project is global | | | | | |
| **8. Intial contributions** | | | | | |
| The following contributions are submitted as part of this proposal. It is understood that these contributions are only for consideration by the Project Team and that other participants may submit additional contributions in order to ensure that as much information as possible is obtained from those with expertise and a material interest in the project. It is also understood that the Project Team may choose to adopt one or more of these contributions “as is”. | | | | | |
| ***List any initial contributions:*** | | | | | |
| * Message Construction Guideline for CCBDA * XML Naming Design Rules (NDR) 2.1 * Core Component Business Document Assembly (CCBDA) version 1.0 | | | | | |
| **9. Ressource requirements** | | | | | |
| Participants in the project shall provide resources for their own participation. The existence and functioning of the project shall not require any additional resources from the UNECE secretariat. | | | | | |
| **10. Proposed project leadership** | | | | | |
| Proposed: | Hisanao Sugamata | | E-mail: | hsedi0111@gmail.com | |
| **11. Milestones (repeat for each deliverable, if different)** | | | | | |

The following are draft milestones of the project.

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| Yes/No | ODP Stage | Expected Completion Date  ***(Approval + XX months)*** |
|  | Project Inception | + 1 |
|  | Requirements gathering | + 2 |
|  | Draft development | + 3 |
|  | Public Draft Review | + 5 |
|  | Project Exit | + 6 |
|  | Publication | + 6 |

# Annex 1. Review of CCBDA Version 1.0

1. Figure 4-2 (page 10)

* The BDH is not clearly specified as mandatory in the text of the specification. Therefore the cardinality of BDH in Figure 4-2 may be changed (1..1) to (0..1).

2. R16 (page 14)

* There are 2 rules in R16. It leads some confusion between “cardinality of a supplementary component and “number of supplementary components”.

3. Figure 5-1 (page 15)

* There are no definition of <abstract>Message Property of Message Assembly in the text of the specification. Remove the association between Message Assembly and Message Property in Figure 5-1.

4. R20 (page 16)

* The rule says that “inherits its name and definition”. Dose “name” mean “Dictionary Entry Name” or other names, such as Short name or Business term?

5. R24 (page 16)

* Add another rule for R24: Sequencing the properties of MABIE should keep the order of the properties of the derived ABIE.

6. Constraints (page 17)

* Line 389: Document Assembly should be Message Assembly.

But there are no rules for MA constraints (It should be defined in Figure5-1).

# Annex 2. NDR Annotation rules

Users can decide whether or not to use to annotations within the message schemas. It means that all annotation rules as [R92], [R113], [R115], [R116], [R129], [R130], [R148], [R149], [R161], [R162], [R179] and [R197] in NDR are changed to be applied OPTIONAL. An annotation rule as [R113] related ABIE MAY be applied to MBIE. An annotation rule as [R115] related BBIE MAY be applied to MBBIE. An annotation rule as [R116] related ASBIE MAY be applied to ASMBIE.