# Impact Analysis Report

**Section 1: Meta-data**

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| **RFC ID** | **RFC\_DDCOM\_0017\_+DDNTA+DDNXA**  RTC-58229 (DDCOM), RTC-58231 (DDNTA), RTC-58232 (DDNXA) |
| **Related Incident ID** | IM468993 / KE21509 |
| **RFC Initiator / Organization** | DG TAXUD/B3 |
| **CI** | DDCOM 20.3.0-v1.00  + DDNTA-5.14.1-v1.00 + DDNXA-5.14.1-v1.00 |
| **Type of Change** | **Standard** **Emergency** |
| **Nature of Change** | Justification for Evolutive   |  | | --- | |  | |
| **RFC Source** | |  |  | | --- | --- | | **Legal & Policy Change**  **Organisational Changes** | **Business Change**  **IT Change** | |
| **Review by Business User recommended?** | **Yes No** |

***Change Description***

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| **DDCOM-20.3.0-v1.00: Correction for CL180 descriptions (sections V.3.5 and VII.5)**  **DDNTA-5.14.01-v1.00 & DDNXA-5.14.01-v1.00: correction tcl.xsd for CL180 descriptions** |
| Removing discrepancies between DDCOM, DDNTA (Appendix X/tcl.xsd), DDNXA (Appendix X/tcl.xsd) and CS/RD2 for CL180. |

**Section 2: Problem statement**

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| **Defect in DDCOM-20.3.0-v1.00:**  Minor corrections are needed in section “V.3.5 Functional error - IE906 (CD906C)” and “VII.5 XML error (CONTRL) message”:   1. In **Table 34: Data Items for Functional error data group in IE906 (CD906C)**, the example of the violation of R0994 mentions the error code ‘13’ (wrong code ‘13’ = ‘Condition violation (Missing)’, ‘14’ is for ‘Rule violation’). 2. In **Table 35**, two descriptions for CL180 are not fully aligned with CS/RD2.   The following table depicts the values and the misalignment between the aforementioned artefacts:   | **Code List Entry Code** | **CS/RD2  Value Description** | **DDNxA Appendix X (tcl.xsd)  Value Description** | **DDCOM  Value Description** | | --- | --- | --- | --- | | 12 | Codelist violation | Incorrect enumeration | Codelist violation | | 13 | Condition violation (Missing) | Missing | Missing Required element violation | | 14 | Rule violation | Value not supported in this position (Rule constraint) | Rule violation | | 15 | Condition violation (Not allowed) | Not supported in this position | Condition violation – presence not allowed | | 26 | Duplicate Message ID | Duplicate detected | Duplicate Message ID | | 50 | Transitional constraint violation | Invalid Transitional Constraint | Transitional constraint Violation | | 51 | EDI violation post downgrade | Invalid TMS | EDI violation post downgrade | | 52 | Functional violation post downgrade | Invalid FMS | Functional violation post downgrade | | 90 | Unknown MRN | Unknown MRN | Unknown MRN | | 92 | Message out of sequence | Message out of sequence | Message out of sequence | | 93 | Invalid MRN | Invalid MRN | Invalid MRN |   Table : CL180 values descriptions misalignment   1. In **Table 56: Data Items for XML Error data group in IE917**, the Data Item "**Error reason**" is aligned with the **DDNIA** Q2 (**IE917B**), but not with the **DDNTA** and **DDNXA** documents (already applied by NAs) that mention “**Error text**” in **IE917C**.   **Defects in DDNxA:**   1. The file tcl.xsd included in **DDNTA-5.14.1-v1.00** is not fully aligned to CS/RD2 CL180. 2. The file tcl.xsd included in **DDNXA-5.14.1-v1.00** is not fully aligned to CS/RD2 CL180. |

**Section 3: Description of proposed solution**

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| The following updates will be performed into the **DDCOM-20.3.0-v1.00** (~~deleted text strikethrough and red colour~~ and added text in yellow).   1. In **Table 34: “Data Items for Functional error data group in IE906 (CD906C)”,** in section **“V.3.5 Functional error - IE906 (CD906C)”:**      1. In **Table 35: “Functional error codes for NCTS-P5 and AES-P1”** in section **“V.3.5.1 Functional error codes”:**     And …     1. In **Table 56: “Data Items for XML Error data group in IE917”** in section **“VII.5 XML error (CONTRL) message”:**     **DDNxA changes:**   1. **DDNTA Appendix X: the file tcl.xsd shall be updated** with the description of CL180 existing in CS/RD2.   The following values will be used:   | **Code List Entry Code** | **DDNTA Appendix X (tcl.xsd)  Value Description** | | --- | --- | | 12 | ~~Incorrect enumeration~~ Codelist violation | | 13 | ~~Missing~~ Condition violation (Missing) | | 14 | ~~Value not supported in this position (Rule constraint)~~ Rule violation | | 15 | ~~Not supported in this position~~ Condition violation (Not allowed) | | 26 | ~~Duplicate detected~~ Duplicate Message ID | | 50 | ~~Invalid Transitional Constraint~~ Transitional constraint violation | | 51 | ~~Invalid TMS~~ EDI violation post downgrade | | 52 | ~~Invalid FMS~~ Functional violation post downgrade |   For example, for code=”12”, the above update, will be applied in tcl.xsd files in the following way:  <!--==============================================================================-->  <!--===== AES/NCTS P5 Functional Error Codes -->  <!--===== Format: n2 -->  <!--===== CL180 -->  <!--==============================================================================-->  <xs:simpleType name="**AesNctsP5FunctionalErrorCodes**">  <xs:annotation>  <xs:documentation>Set of generic error codes, specific for AES and NCTS P5. The values of this codelist are also available and updated in CS/RD2.</xs:documentation>  </xs:annotation>  <xs:restriction base="xs:token">  <xs:enumeration value="12">  <xs:annotation>  <xs:documentation>~~Incorrect enumeration~~Codelist violation</xs:documentation>  </xs:annotation>  </xs:enumeration>  The updates for the rest of CL180 values will be performed similarly.   1. **DDNXA Appendix X: the file tcl.xsd shall be updated** with the description of CL180 existing in CS/RD2. Same as for DDNTA.   **IMPACT ASSESSMENT**  **No impact on External Domain.**  This RFC-Proposal is considered as **purely documentary correction**.  It is considered that the change proposed has no impact on business continuity and can therefore be deployed in a **flexible way**.  **Proposed** date of applicability in Operations (T-Ops): When possible, at latest 1.12.2023 (**flexible**)  **Proposed** date of applicability in CT (T-CT): July 2022 (**without impact on on-going CT**)  **Expected** date of approval by ECCG (T-CAB): January 2022  **Impact on transition Legacy/To-Be**: None  **Consequence of not approving the RFC-Proposal**: Minor inconsistencies remain, causing possible minimum confusion.  **Risk of not implementing the change**: None.  Impacted IEs:  - None  Impacted CI Artefacts:  **- DDCOM-20.3.0-v1.00: Yes;**  **- DDNTA-5.14.1-v1.00 (Appendix X / tcl.xsd): Yes;**  **- DDNXA-5.14.1-v1.00 (Appendix X / tcl.xsd): Yes;**  **- CSE-v51.6.0: Yes;**  **- CTS-5.6.1-v1.00: Yes;**  **- NCTS\_TRP-5.7.5: Yes;**  **- AES\_TRP-5.7.3: Yes;**  **- CRP-5.5.0-v1.00: Yes;**  - UCC IA/DA Annex B: No;  - Functional Specifications (FSS/BPM)-v5.30: No;  - DMP Package-5.6.0 SfA-v1.00: No (incl. update of file Rules and Conditions\_v0.43): No;  - ACS-v5.5.0 & ACS-Annex-NCTS: 5.5.0: No;  - NCTS\_CTP-5.7.0-v1.00: No;  - ieCA 1.0.2.1: No;  - CS/MIS2\_DATA: No;  - CS/RD2\_DATA: No;  - AES-P1 and NCTS-P5 Long-Lived “Legacy” (L3) Movements Study v1.40: No. |

**Impact on CI artefacts.**

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| DDCOM 20.3.0-v1.00 | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | Updates as described in section 3: DDCOM changes (A, B(a), C) | |
| CSE-v51.60 | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | Updates as described in section 3: DDNxA changes (B (b)/(c)). | |
| DDNΧA-5.14.1-v1.00  (only tcl.xsd in Appendix X) | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | Updates as described in section 3: DDNxA changes | |
| DDNTA-5.14.1-v1.00  (only tcl.xsd in Appendix X) | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | Updates as described in section 3: DDNxA changes (B (b)/(c)). | |
| TRP-5.7.0 v1.10 | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | New tcl.xsd in TRP.  This minor correction has no real impact on the on-going CT activities. | |
| CTS 5.6.1-v1.00 | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | New tcl.xsd in CTS | |
| CRP 5.5.0 | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | A new version of CRP will be published due to the updates of its components. | |

**Estimated impact on National Project**

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| Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | **If tcl.xsd is used:** low impact(new file to be used)**.**  **If tcl.xsd is not used:** no impact. | |

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| **Document History** | | |  |
| **Version** | **Status** | **Date** | ***Comment*** |
| v0.10 | Draft by CUSTDEV | 03/11/2021 |  |
| v0.11 | Comments by DG TAXUD | 04/11/2021 |  |
| v0.20 | Updated by CD3 | 09/11/2021 |  |
| v0.21 | SfR to NPMs | 06/12/2021 |  |
| v1.00 | SfA to NPMs | 03/02/2022 | *No comment received* |