# Impact Analysis Report/ RFC-Proposal

**Section 1: Meta-data**

|  |  |
| --- | --- |
| **RFC ID** | **RFC\_NCTS\_0158** (RTC-59079) |
| **Related Incident ID** |  |
| **RFC Initiator / Organization** | ITSM TES, DG TAXUD |
| **CI** | **NCTS-P5 (DDNTA-v5.14.1- v1.00– CSE-v51.6.0)** |
| **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 Summary***

|  |
| --- |
| **NCTS-P5: (DDNTA-v5.14.1 - CSE-v51.6.0) – Conflict between B1888 and B1890** |
| It has been identified that there is a conflict between B1888 and B1890. In more detail, the two BRTs may require different multiplicity of DG DEPARTURE TRANSPORT MEANS.  In case CD001C and CD003C contain 3 repetitions of DEPARTURE TRANSPORT MEANS (due to B1890), and CD018C with (RoC=B1 for the examined DG) contains x1 repetition of DEPARTURE TRANSPORT MEANS with sequence number=4, meaning a new of DEPARTURE TRANSPORT MEANS is identified during controls, this is considered as a conflict between B1888 and B1890. |

**Section 2: Problem Statement**

|  |
| --- |
| In case CD001C and CD003C contain 3 repetitions of DEPARTURE TRANSPORT MEANS (due to B1890), and CD018C with (RoC=B1 for the examined DG) contains x1 repetition of DEPARTURE TRANSPORT MEANS with sequence number=4, meaning a new of DEPARTURE TRANSPORT MEANS is identified during controls, this is considered as a conflict between B1888 and B1890.  For that reason, B1888 shall be re-worded. Furthermore, new Transitional guideline shall be applied to ------ DEPARTURE TRANSPORT MEANS data group of CD018C message and a new transitional rule to be applied to its data item Sequence number (------ DEPARTURE TRANSPORT MEANS data group of CD018C).  In ------ DEPARTURE TRANSPORT MEANS data group of **CD001C, CD003C** messages, the following Rules/Conditions apply:    In ------ DEPARTURE TRANSPORT MEANS data group of **CD018C** message, the following Rules/Conditions apply:    In addition, the following data items apply in ------ DEPARTURE TRANSPORT MEANS data group of **CD018C** message:    Currently **B1888** has the following description:    **B1890** has the following description: |

**Section 3: Description of proposed solution**

|  |
| --- |
| The **DDNTA-v5.14.1 (incl. Appendix Q2) and the CSE-v51.6.0** shall be corrected as follows (addition of text highlighted in yellow):   1. Existing **B1888** shall be re-worded as follows:   **Technical Description:**  IF <Decisive Date> is LESS than or EQUAL to <TPendDate>  THEN the sum of iterations of /CD018C/Consignment/DepartureTransportMeans AND (/CD001C/Consignment/DepartureTransportMeans OR /CD003C/Consignment/DepartureTransportMeans) can be up to '3x'  **Functional Description:**  N/A   1. A new transitional guideline **(B1003)** to be attached to /CD018C/Consignment/DepartureTransportMeans with the following wording:   **B1003**  **Technical Description:**  N/A  **Functional Description:**  In case of 'Road Transport' if the road vehicle (and/or its road trailers) are different to those declared in the initial declaration message, then they will be reported as discrepancies and not as new transport means.   1. A new BRT **(B1920)** to be attached to /CD018C/Consignment/DepartureTransportMeans/sequenceNumber with the following wording:   **B1920**  **Technical Description:**  IF <Decisive Date> is LESS than or EQUAL to <TPendDate> THEN /CD018C/Consignment/DepartureTransportMeans/sequenceNumber shall be IN SET {1, 2, 3}  **Functional Description:**  N/A  *Common Domain:*  Validated by Sender: ‘R’  Validated by Recipient: ‘R’  The Data Group “DEPARTURE TRANSPORT MEANS” **in CD018C** will be updated as following:  ------DEPARTURE TRANSPORT MEANS 999x O B1888 G0360 B1003  Sequence number R n..5 R0054 B1920  Type of identification O n2 CL750 G0360  Identification number O an..35 B1201 G0360  Nationality O a2 CL165 G0360  NCTS-Data Mapping- v0.43 file: NCTS-Data Mapping- v0.43” file will be updated to depict the additions of the new rules and conditions regarding the messages for CD018Casdescribed above.  **IMPACT ASSESSMENT:**  This RFC-Proposal concerns changes at semantic level in Common Domain messages.   It is considered that the change proposed via the current RFC-Proposal has impact on business continuity and therefore shall be deployed in a **Big Bang** approach. More specifically:    **Changes at semantic level**  The changes at the semantic level, namely concern the rewording of B1888 and the addition of B1920.     * 1. *With respect to the rewording of existing* Β1888      1. If the sender is aligned with the proposed changes (DDNTA 5.15.0) and the receiver is not aligned with the proposed changes (DDNTA 5.14.1), then no semantic error shall be caused, because there will be no possibility to have in either [CD001C OR CD003C] AND CD018C more than 3 iterations (non-existence of updated rule B1888 in the receiver)      2. If the sender is not aligned with the proposed changes (DDNTA 5.14.1) and the receiver is aligned with the proposed changes (DDNTA 5.15.0), then a semantic error may be caused (IE906), because there will be possibility to have in either [CD001C OR CD003C] AND CD018C more than 3 iterations (violating the rule B1888)   2. *With respect to the addition of B1920*      1. If the sender is aligned with the proposed changes (DDNTA 5.15.0) and the receiver is not aligned with the proposed changes (DDNTA 5.14.1), then no semantic error shall be caused, because in CD018C, sequence number of DEPARTURE TRANSPORT MEANS will be less than or equal to 3 (non-existence of rule B1920 in the receiver)      2. If the sender is not aligned with the proposed changes (DDNTA 5.14.1) and the receiver is aligned with the proposed changes (DDNTA 5.15.0), then a semantic error shall be caused (IE906), because in CD018C, sequence number of DEPARTURE TRANSPORT MEANS will be greater than 3 (violating the rule B1920)     **Movement initiated under the previous DDNTA (5.14.1) release which continues its flow under the new DDNTA (5.15.0) release (open movement):** No issues are expected to be identified during an open movement.  **Changes at syntactic level**  N/A    **Risk of not implementing the change:** In case of not implementing this change, possible issues may occur. More specifically, in case CD001C and CD003C contain 3 repetitions of DEPARTURE TRANSPORT MEANS (due to B1890), and CD018C with (RoC=B1 for the examined DG) contains DEPARTURE TRANSPORT MEANS with sequence number greater than or equal to 4, meaning a new of DEPARTURE TRANSPORT MEANS is identified during controls, there will be a conflict between B1888 and B1890.  **Proposed** date of applicability in Operations (**T-Ops**):   1.12.2022  **Proposed** date of applicability in CT (**T-CT**):                     July 2022  **Expected** date of approval by ECCG (**T-CAB**):                  January 2022  **Impact on transition**: Yes  **Risk of not implementing the change:** Yes  **Impacted Message(s):**   * CD018C   **Impacted Rules/Conditions, Guidelines:**   * B1888 * B1003 * B1920   **Impacted CIs:**   * **CSE-v51.6.0: Yes;** * **DDNTA-5.14.1-v1.00 (Appendix Q2\_R\_C, PDFs): Yes;** * **DMP Package-v5.6.0 SfA-v1.00: Yes (incl. update of file Rules and Conditions\_v0.43): Yes;** * **CTS-5.6.1-v1.00: Yes;** * **TRP-5.7.5: Yes;** * DDNTA-5.14.1-v1.00 (Main Document): No; * Functional Specifications (FSS/BPM): No; * UCC IA/DA Annex B: No; * CTP-5.7.0-v1.00: No; * CRP-v5.5-v1.00: No; * ACS - v5.5.0 & ACS-Annex-NCTS: 5.5.0: No; * DDCOM v20.3.0-v1.00: No; * ieCA 1.0.1.0: 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**

|  |  |  |
| --- | --- | --- |
| **DDNTA-v5.14.1 (Appendices)** | Cosmetic  Low  Medium  High  Very High   |  | | --- | | Appendices generated by CSE + Appendix Q2, Q2\_R\_C, K | |
| **CSE-v51.6.0** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | Updates as described in section 3. | |
| **DMP-v5.6.0** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | Updates as described in section 3. | |
| **TRP-v5.7.5** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | Updates as described in section 3. | |
| **CTS-5.6.1-v1.00** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | Updates as described in section 3. | |

**Estimated impact on National Project**

|  |  |  |
| --- | --- | --- |
|  | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | The RFC-Proposal concerns changes at semantic level in Common Domain messages. It is considered that the change proposed via the current RFC-Proposal has impact on business continuity and therefore shall be deployed in a Big Bang approach. | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Document History** | | |  |
| **Version** | **Status** | **Date** | ***Comment*** |
| v0.10 | Draft by CUSTDEV | 24/11/2021 |  |
| v0.11 | Updates by CUSTDEV | 15/12/2021 | *Version Update* |
| v1.00 | SfA to NPMs | 25/02/2022 | *Updates in blue based on APO* |