# Impact Analysis Report

**Section 1: Meta-data**

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| **RFC ID** | **RFC\_NCTS\_0132** (RTC-58277) |
| **Related Incident ID** | IM465670 |
| **RFC Initiator / Organization** | TAXUD/B3, CD3, NA-AT |
| **CI** | **NCTS-P5 (DDNTA-v5.14.1 – 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***

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| **NCTS-P5 (DDNTA-v5.14.1 - CSE-v51.6.0): Corrections in the wording of C0824** |
| In NCTS-P5 (DDNTA-v5.14.1 - CSE-v51.40) the following corrections shall be implemented:  C0824 update conditions wording in order to cover all cases regarding the optionality of /CC170C/Consignment/containerIndicator (NA-AT/ M465670)  The current wording of **C0824** is:  **Technical Description:**  IF /CC015C/Consignment/containerIndicator AND /CC013C/Consignment/containerIndicator is  PRESENT  THEN /CC170C/Consignment/containerIndicator = "O"  ELSE /CC170C/Consignment/containerIndicator = "R"  **Functional Description:**  IF <CC015C-CONSIGNMENT.Container indicator> AND <CC013C-CONSIGNMENT.Container  indicator> is PRESENT  THEN <CC170C-CONSIGNMENT.Container indicator> = "O"  ELSE <CC170C-CONSIGNMENT.Container indicator> = "R" |

**Section 2: Problem statement**

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| In the latest version of the CSE deliverable (NCTS-P5 DDNTA-v5.14.1 based on CSE-v51.6.0), the following updates shall be performed:  Condition **C0824** should be updated in order to cover all cases regarding the optionality of Data Item /CC170C/Consignment/containerIndicator. Currently, the wording of **C0824** is the following:    The condition is attached in the Data Item “Container Indicator” in CC170C to adjust the optionality of this D.I. based on the values of CC015C and CC013C.  However, the aforementioned wording *does not depict the cases when a CC013C is submitted.*  For example, when the “Container Indicator” is not present in CC015C but present in CC013C, then its optionality in CC170C should be “Optional” and not “Required” (as of current wording).  In the following tables are presented **all** cases regarding the presence of the Data Element “Container Indicator” in CC015C and CC013C. Based on these cases, the optionality of “Container Indicator” in CC170C will be set accordingly.   |  |  |  |  | | --- | --- | --- | --- | | Data Item ‘Container Indicator’ à PRESENCE/ OPTIONALITY | | | | | Case | **IE015** | **IE013** | **IE170** | | 1 | (IE013 takes precedence, thus IE015’s value should not be taken into consideration) | PRESENT | ***Optional*** | | 2 | (IE013 takes precedence, thus IE015’s value should not be taken into consideration) | NOT PRESENT | ***Required*** | | 3 | PRESENT | (IE013 not submitted at all) | ***Optional*** | | 4 | NOT PRESENT | (IE013 not submitted at all) | ***Required*** |   **Note:** PRESENT/NOT PRESENT refers to whether the “Container Indicator” is filled within a submitted IE.  In the below table, the aforementioned cases are described in more detail.   |  |  |  |  | | --- | --- | --- | --- | | IE015 | IE013 | | IE170 | | Container Indicator = 1 OR 0  Present in IE015 | | Container Indicator =1 OR 0  Present in IE013 | **DI ‘Container Indicator’**  **Optionality: Optional** | | Container Indicator = 1 OR 0  Present in IE015 | | IE013 is applicable,  But the D.I. ‘Container Indicator’ is Not Present in the message structure | **DI ‘Container Indicator’**  **Optionality: Required** | | Container Indicator = 1 OR 0  Present in IE015 | | IE013 is not included in the flow/ scenario | **DI ‘Container Indicator’**  **Optionality: Optional** | | Container Indicator  Not Present in IE015 | | Container Indicator =1 OR 0  Present in IE013 | **DI ‘Container Indicator’**  **Optional** | | Container Indicator  Not Present in IE015 | | IE013 is not included in the flow/ scenario | **DI ‘Container Indicator’**  **Optionality: Required** | |

**Section 3: Description of proposed solution**

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| 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** – removal of ~~text with strikethrough~~ ):  **C0824** will be updated as follows:  **Technical Description:**  ~~IF /CC015C/Consignment/containerIndicator AND /CC013C/Consignment/containerIndicator is~~  ~~PRESENT~~  ~~THEN /CC170C/Consignment/containerIndicator = "O"~~  ~~ELSE /CC170C/Consignment/containerIndicator = "R"~~  IF /CC013C/TransitOperation/declarationType is PRESENT  THEN  IF /CC013C/Consignment/containerIndicator is PRESENT  THEN /CC170C/Consignment/containerIndicator = “O”  ELSE /CC170C/Consignment/containerIndicator = “R”  ELSE  IF /CC015C/Consignment/containerIndicator is PRESENT  THEN /CC170C/Consignment/containerIndicator = “O”  ELSE /CC170C/Consignment/containerIndicator = “R”  **Functional Description:**  ~~IF <CC015C-CONSIGNMENT.Container indicator> AND <CC013C-CONSIGNMENT.Container~~  ~~indicator> is PRESENT~~  ~~THEN <CC170C-CONSIGNMENT.Container indicator> = "O"~~  ~~ELSE <CC170C-CONSIGNMENT.Container indicator> = "R"~~  IF <CC013C-TRANSIT OPERATION.Declaration type> is PRESENT  THEN  IF <CC013C-CONSIGNMENT.Container indicator> is PRESENT  THEN <CC170C-CONSIGNMENT.Container indicator> = “O”  ELSE <CC170C-CONSIGNMENT.Container indicator> = “R”  ELSE  IF <CC015C-CONSIGNMENT.Container indicator> is PRESENT  THEN <CC170C-CONSIGNMENT.Container indicator> = “O”  ELSE <CC170C-CONSIGNMENT.Container indicator> = “R”  NCTS-Data Mapping- v0.43 file: No impact  **IMPACT ASSESSMENT:**  This RFC-Proposal concerns changes at semantic level in External Domain messages.    It is considered that the change proposed via the current RFC-Proposal has Impact on business continuity and shall therefore be examined at national level. More specifically:    **Changes at semantic level**  The changes at the semantic level, namely concern the update of C0824 which is applied in CC170C.    **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    **Impact in case of no Implementation**  In case of not implementing this change, errors can possibly occur as the optionality of “Container Indicator” in CC170C changes from “O” to “R” which may cause semantic errors if the value is missing as indicated in the above analysis.  **Proposed** date of applicability in Operations (**T-Ops**):   As soon as possible, at latest 1.12.2023  **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 Rules:   * C0824   Impacted CI Artefacts:   * **CSE-v51.6.0: Yes;** * **DDNTA-5.14.1-v1.00; (Appendix Q2\_R\_C, Q2 PDFs): Yes;** * **DMP Package-v5.6.0 SfA-v1.00: (incl. update of file Rules and Conditions\_v0.43): Yes;** * **NCTS\_TRP-5.7.5: Yes;** * **NCTS\_CTP-5.7.0-v1.00: Yes;** * CTS-5.6.1-v1.00: No; * CRP-v5.5-v1.00: No; * ACS - v5.5.0 & ACS-Annex-NCTS: 5.5.0: No; * ieCA 1.0.1.0: No; * CS/MIS2\_DATA: No; * CS/RD2\_DATA: No; * UCC IA/DA Annex B: No; * Functional Specifications (FSS/BPM): No; * DDNTA-5.14.1-v1.00 (Main Document): No; * DDCOM v20.3.0-v1.00: No; * AES-P1 and NCTS-P5 Long-Lived “Legacy” (L3) Movements Study v1.40: No; |

**Impact on CI artefacts**

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| **CSE-v51.6.0** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | **As described in section 3** | |
| **DDNTA-5.14.1-v1.00 (Appendices)** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | **Appendices generated by CSE + Appendix Q2, Q2\_R\_C** | |
| **DMP Package-v5.6.0 SfA-v1.00** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | **Rules and Conditions\_v0.43 file to be updated** | |
| **NCTS\_TRP-5.7.5** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | **Impact in Drools due to the update in the Condition. Alignment of messages according to the updates of specifications.** | |
| **CTP-5.7.0-v1.00** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | **Alignment of scenarios according to the updates of specifications.** | |

**Estimated impact on National Project**

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|  | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | |  | |

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| **Document History** | | |  |
| **Version** | **Status** | **Date** | ***Comment*** |
| v0.10 | Draft by CUSTDEV | 18/11/2021 | *Draft by CUSTDEV* |
| V0.11 | Updates by CUSTDEV | 15/12/2021 | *Version Update* |
| v1.00 | SfA to NPMs | 25/02/2022 | *SfA to NPM* |