# Impact Analysis Report / RFC-Proposal

**Section 1: Meta-data**

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| **RFC ID** | **RFC\_NCTS\_0124** (RTC-59052) |
| **Related Incident ID** | IM446799-1 |
| **RFC Initiator / Organization** | NA-PL |
| **CI** | **NCTS-P5 (DDNTA-v5.14.1 – CSE-v51.6.0)** |
| **Type of Change** | **Standard** **Emergency** |
| **Nature of Change** | Justification for Evolutive   |  | | --- | | **Despite the fact that it is considered contradictory to report discrepancies at ‘Total number of packages’ and 'Total number of items' at Header level only without discrepancies to be reported at Consignment item level in NCTS.P4, it is a common practice applied by NAs. As a result, the necessary modifications will be performed in IE018 Conversion Algorithm in order to handle this issue.** | |
| **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-v1.00 - CSE-v51.6.0): IE018 upgrade conversion issue due to discrepancies in Total number of packages’ and 'Total number of items'** |
| During the real time ieCA exercise an issue was identified in AES when an IE518B message failed to be converted (upgrade) and the message was rejected with an IE906A reporting the violation of R0056. Keep in mind that in DDNXA v5.14, R0056 has been replaced by C0157. The condition (C0157) allocates the optionality in specific data items and data groups based on the <EXIT CONTROL RESULT.Code>. In case the control result code is neither A1 (Satisfactory) or A2 (Considered satisfactory) then, the customs officer has to report at least one discrepancy (either at Goods Shipment level or by reporting something on the ‘Other things to report’ data item. The same issue is applicable also in NCTS.P5.  More specifically, an issue can be possible occurred with the upgrade conversion of the CD018B, in case discrepancies in ‘Total number of packages’ and 'Total number of items' are reported at Header level only and no discrepancies are reported at Consignment item level, since these data items are unmapped in NCTS-P5. CD018B is possible to be reported with ‘Minor discrepancies’ (A5) or ‘Major discrepancies’ (B1), reporting discrepancies to the unmapped data item which are not transferred to NCTS-P5 CD018C after the conversion. Hence, the upgraded message containing the code ‘A5’ or ‘B1’ at control result code and no discrepancies at all, resulting to the violation C0930.  **Note: Despite the fact that it is considered contradictory to report discrepancies at ‘Total number of packages’ and 'Total number of items' at Header level only without discrepancies to be reported at Consignment item level in NCTS.P4, it is a common practice applied by NAs. As a result, the necessary modifications will be performed in IE018 Conversion Algorithm in order to handle this issue.** |

**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) at least one discrepancy to be reported in case the Destination Control Result code is either ‘B1’ (Not satisfactory) or ‘A5’ (Minor discrepancies).  C0930 with the following wording is applied in messages CD018C and CC017C in data item <TRANSIT OPERATION.Other things to report> and in the Data Group <CONSIGNMENT>    In the specific example of the real time ieCA exercise the issue was identified to a CD518B message where the data item ‘Total number of packages’ is not mapped with any data item in AES-P1, hence the converted CD518C ended up only with control result ‘A4’ and with no discrepancy reported which led to the violation of R0056.  Please keep in mind that in the latest DDNXA version (5.14.0), the rule R0056 has been replaced by C0157 which also acts similarly, and the same issue would occur.    In order to avoid the rejection of the upgraded IE018C due to the violation of condition C0930, the business algorithm data mapping can be updated, in order to set a static text in data item “/CD018C/ TransitOperation/otherThingsToReport”, in case that discrepancies are reported for “Total number of packages” and/or “Total number of items”, while no other discrepancies are reported. |

**Section 3: Description of proposed solution**

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| The next version on business algorithm data mapping for upgrade of IE018 message, will be updated to cover the following cases (**only if no other discrepancies are reported**):   1. In case that discrepancies are reported **only** for “Total number of packages”, the BA will fill in the “/CD018C/TransitOperation/otherThingsToReport” as “Discrepancies were identified in ‘Total number of packages’” 2. In case that discrepancies are reported **only** for “Total number of items”, the BA will fill in the “/CD018C/ TransitOperation/otherThingsToReport” as “Discrepancies were identified in ‘Total number of items’” 3. In case that discrepancies are reported **only** for “Total number of items” and “Total number of packages”, the BA will fill in the “/CD018C/ TransitOperation/otherThingsToReport” as “Discrepancies were identified in in ‘Total number of packages’ and ‘Total number of items’”.   **IMPACT ASSESSMENT:**  This RFC-Proposal concerns changes on business algorithm for the conversion of IE018 message.  **Movement initiated under the previous DDNTA (5.14.1) release which continues its flow under the new DDNTA (5.15.0) release (open movement):**   N/A  **Impact in case of no Implementation**   In case of not implementing this change, errors can possibly occur with the upgrade conversion of the CD018B to CD018C message, in case discrepancies in ‘Total number of packages’ and 'Total number of items' are reported at Header level only and no discrepancies are reported at Consignment item level.  **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 Messages:**   * Common Domain: CD018C   Impacted CI Artefacts:   * **CRP-v5.5-v1.00: Yes;** * **CTS-5.6.1-v1.00:Yes;** * CSE-v51.6.0:No; * DDNTA-5.14.1-v1.00 (Appendix Q2\_R\_C, Q2 PDFs): No; * DMP Package-v5.6.0 SfA-v1.00: Yes (incl. update of file Rules and Conditions\_v0.43): No; * TRP-5.7.5: No; * CTP-5.7.0-v1.00: No; * DDNTA-5.14.1-v1.00 (Main Document): No; * Functional Specifications (FSS/BPM): No; * UCC IA/DA Annex B: 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**

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| CRP-5.5.0-v1.00 | 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**

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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 | 23/11/2021 | *Initial draft by CUSTDEV3* |
| v1.00 | SfA to NPMs | 27/01/2022 | *Version Update* |