# Impact Analysis Report / RFC-Proposal

**Section 1: Meta-data**

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| **RFC ID** | **RFC\_NCTS\_0215** (JIRA: UCCNCTS-3399 and UCCNCTS-3404) |
| **Related Incident ID** | **IM575792 / PMxxxxx / KExxxxx** (being defined) |
| **RFC Initiator / Organization** | **NA-DE / NA-ES** |
| **CI** | **NCTS-P5 (DDNTA-5.15.0-v1.00 – CSE-v51.8.0)** |
| **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-5.15.0-v1.00 - CSE-v51.8.0): Correction of B1896 and CTS for downgrading a transit declaration with EXS, without UCR & without Transport Document [keeping C547 not violated].** |
| Avoiding the rejection of CD001B (and similar Common Domain messages) due to C547, with a CTS change for downgrade, along with a slight change in the P5 External Domain (i.e. change on the B1896 [that aims to be equivalent to C547 during TP]) and without changing the Legacy applications. |

**Section 2: Problem statement**

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| Problem detected during the first days of NCTS-P5 operations between SI and DE/ES, related to B1896.  **Problem details**  Starting point is a Phase 5 transit declaration (CC015C) lodged during TP   * with Security ‘2’ included (EXS only) * without UCR * without Transport Document.   The acceptance of it may trigger CD001C, CD050C, CD003C, CD038C, CD115C to be downgraded into legacy messages.  **DDNTA status**  The BRT1896 (DDNTA 5.15.0-v1.00) (applicable during the Transitional period) does NOT request the existence of an UCR, nor the existence of a Transport Document, **when the ‘Security’ = 2 (EXS only).**    But the downgraded message, the C547 (DDNTA v20.00) requests the existence of an UCR or a Transport Document in some circumstances.    **UCC DA requirements**  From UCC DA point of view, the **DI ‘Reference number UCR’** is optional for Exit, Export and Transit datasets, while the **DI ‘Transport document’** is optional for Export datasets and required for Exit and Transit datasets (as it is depicted in the following screenshots from UCC DA).      **UCC TDA requirements**  From TDA point of view, ‘Reference number UCR’ and ‘Transport document’ is required for entry and exit summary declarations, apart from express consignments.      **Conclusion**  Based on the above, a change on B1896 to be fully aligned with C547 seems appropriate and not contradicting to UCC DA and TDA. In that sense, all security values will be covered by B1896.  Furthermore, considering that   * such movements are blocked because the conversion fails, * it is impossible to request all the countries with a legacy application to de-activate the C547; * a short term solution is required; * the change of the External Domain, by changing the B1896, cannot be enforced rapidly in all countries;   An extra solution could be applicable immediately, in order to modify the Conversion Technical Specifications, by adding an extra XSLT functionality in case of downgrade. |

**Section 3: Description of proposed solution**

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| The proposed solution will be **deployed in two steps:**  **Step 1**  Considering that a change on the External Domain messages always requires time and efforts. Because the rejections observed are blocking the movement and it is helpful for all to avoid those few rejections without requesting (urgent) extra efforts from the Economic Operators. Considering the importance to minimize instability of External Domain specifications at this stage of the project, the short-term solution is to adapt the ieCA convertor by implementing the below change.  In the **CTS-5.7.5-v1.00**, an extra mapping functionality shall be used to insert the static text ‘**No info, text inserted by Convertor**’ [length = 35 characters] in the Data Item **‘Commercial Reference Number’** [an..70] at <HEADER> level when downgrading a message from NCTS-P5 to NCTS-P4 (avoiding the violation of C457) as defined below:   1. *IF /\*/TransitOperation/security is EQUAL to ‘2’*   *AND /\*/Consignment/referenceNumberUCR is NOT PRESENT*  *AND /\*/Consignment/HouseConsignment/ConsignmentItem/referenceNumberUCR is NOT*  *PRESENT*  *AND /\*/TransitOperation/declarationType is NOT EQUAL to ‘TIR’*  *AND /\*/Consignment/HouseConsignment/ConsignmentItem/TransportDocument is NOT*  *PRESENT*  🡪 **Change in CTS:**  THEN CTS will insert the static text ‘**No info, text inserted by Convertor**’ into the Data Item **’Commercial Reference Number**’ at <HEADER> level.    The CTS updated functionality will perform this above extra action when downgrading messages CD001C, CD003C, CD038C, CD050C, CD115C.  ---------------------------------------------------------------------------------------------------------------------------------  **Step 2**  The **DDNTA-5.15.0-v1.00 (incl. Appendix Q2) and the CSE-v51.8.0**” shall be corrected as follows (addition of **text highlighted in yellow** – removal of ~~text with strikethrough~~ ):  The BRT1896 will be reworded as follows **in order to include the ‘Security’ = 2 (EXS only),** and be fully aligned with C547:  **B1896**  **Technical Description:**  IF <Decisive Date> is LESS than or EQUAL to <TPendDate>  THEN  IF /\*/TransitOperation/security is in SET {1, 2, 3}  THEN  IF /\*/Consignment/referenceNumberUCR is NOT PRESENT AND  /\*/Consignment/HouseConsignment/ConsignmentItem/referenceNumberUCR is NOT  PRESENT  AND /\*/TransitOperation/declarationType is NOT EQUAL to ‘TIR’  THEN  /\*/Consignment/HouseConsignment/ConsignmentItem[1]/TransportDocument = ''R''  ELSE /\*/Consignment/HouseConsignment/ConsignmentItem/TransportDocument = ''O''  The **DMP-5.8.0-v0.10** shall be corrected as follows (addition of **text highlighted in yellow** – removal of ~~text with strikethrough~~ ):  The resolution for downgrade for DI “Reference number UCR” shall be updated as follows:  **1.** During Transitional Period, a technical rule will be applied to disable the C0502 and change the DG optionality as following:  IF /\*/Consignment/referenceNumberUCR is PRESENT  THEN  /\*/Consignment/HouseConsignment/ConsignmentItem/referenceNumberUCR = "N"  ELSE  /\*/Consignment/HouseConsignment/ConsignmentItem/referenceNumberUCR = "O"  **2.** Function will be used as not to map NCTS P5 DI Reference number UCR with NCTS P4 Commercial reference number IF NCTS P5 Security = '0'  **3.** Function will be used as to insert the static text ‘**No info, text inserted by Convertor**’ [length = 35 characters] in the Data Item **‘Commercial Reference Number’** [an..70] at <HEADER> level when downgrading a message as follows:  IF /\*/TransitOperation/security is EQUAL to ‘2’  AND /\*/Consignment/referenceNumberUCR is NOT PRESENT  AND /\*/Consignment/HouseConsignment/ConsignmentItem/referenceNumberUCR   is NOT PRESENT  AND /\*/TransitOperation/declarationType is NOT EQUAL to ‘TIR’  AND /\*/Consignment/HouseConsignment/ConsignmentItem/TransportDocument   is NOT PRESENT  THEN CTS will insert the static text ‘**No info, text inserted by Convertor**’ into the Data Item **’Commercial Reference Number**’ at <HEADER> level  **IMPACT ASSESSMENT:**  This RFC-Proposal is mandatory to ensure business continuity.  It describes a small but important correction   * AS URGENTLY AS POSSIBLE in all countries not using ieCA, * AS URGENTLY AS POSSIBLE in the ieCA application (update of DROOLS in CRP),     **Proposed** date of applicability in Operations (**T-Ops**):   At latest by 03.03.2023.  **Proposed** date of applicability in CT (**T-CT**):                     20 April 2023  **Expected** date of approval by ECCG (**T-CAB**):                  N/A – Emergency change.  **Risk in case of non-implementation:**   * The Common Transit movements with EXS included and without UCR, without TD will be blocked. Extra workload for the National Helpdesks.   **Impacted Messages:**  **Step 1**   * Only the ieCA (DROOLS) and the National Convertors (if ieCA is not used).   **Step 2**   * CD001C, CD003C, CD038C, CD050C, CD115C * **!! B1896 is also applied on CC015C, CC013C, CD160C, CD165C [even if those messages are not processed by ieCA]**     **Impacted Rules, Conditions & BRTs etc.:**  **Step 1**   * None   **Step 2**   * + - B1896     **Impacted CI Artefacts:**   * **CSE-v51.8.0:** **Yes.**. * **DDNTA-5.15.0-v1.00 (ONLY Appendix Q2 & Appendix Q2\_R\_C):** **Yes.**. * Functional Specifications NCTS-P5 (FSS/BPM): 5.30.2: No. * DDCOM-20.4.0-v1.00: No. * DDNTA-5.15.0-v1.00 (Main Document): No. * **DMP Package-v5.7.0-v1.00: Yes.** * **CTS-5.7.5-v1.00: Yes.** * ACS Main Document: v5.8.0-v1.00 & ACS Annex for NCTS: 5.8.0-v1.00: No. * CTP-5.10.0-v1.00: No. * **TRP-5.12.3: Yes.** * **CRP-5.7.7.1-v1.00: Yes.** * ieCA 1.0.4.1: No. * AES-P1 and NCTS-P5 Long-Lived “Legacy” (L3) Movements Study v1.50-v1.00: No. * CS/MIS2\_DATA: No. * CS/RD2\_DATA: No. * UCC IA/DA Annex B: No.   **NCTS-P6 :**   * CSE-v60.4.0: No. * DDNTA-6.2.0-v1.00 (Appendix Q2\_R\_C, Q2 PDFs): No. * DDNTA-6.2.0-v1.00 (Main Document): No. * DDCOM-21-3.0-v1.00: No. * Functional Specifications NCTS-P6 (FSS/BPM): 7.10.0: No. |

**Impact on CI artefacts**

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| **CSE-v51.8.0** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | B1896 shall be updated with the new wording defined in section 3**.** | |
| **DDNTA-v5.15.0-v1.00 (Appendices)** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | **Appendix Q2 generated by CSE + Appendix Q2\_R\_C** shall be updated with the new wording of B1896. | |
| **DMP-v5.7.0-v0.10** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | **See section 3.** | |
| **CTS-5.7.5-v1.00** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | **See section 3.** | | |
| **TRP-5.12.3** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | **Correction of B1896 in** RULES.DRL. | | |
| **CRP-5.7.7.1-v1.00** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | **Update of CRP to take into account the DROOLS and the correction of B1896.** | |

**Estimated impact on National Project**

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| Cosmetic Low  Medium  High  Very High  Short description   |  | | --- | | **Step 1**   1. No impact for the countries using the ieCA. 2. Likely a low impact for the countries not using the ieCA but having their own convertor for the Common Domain messages. Either they re-use the new CTS version, or they adapt and test their own XSLT package.   **Step 2**   1. Rewording of one BRT. 2. Impact on External Domain to be minimized / assessed by each NA | |

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| **Document History** | | | |
| **Version** | **Status** | **Date** | ***Comment*** |
| v0.10 | Draft - SfI | 26/02/2023 | *Circulated for quick review by SOFT-DEV* |
| v0.20 | Draft by SOFT-DEV | 01/03/2023 | *Section 2 and 3 updated by SOFT-DEV* |
| v1.00 | SfA-NPM | 02/03/2023 | *Published to NPMs* |
| ***ALSO IMPLEMENTED IN DDNTA-5.15.1-v1.00***  ***(together with the rest of RFC-List.37)*** | | | |