# Impact Analysis Report / RFC-Proposal

**Section 1: Meta-data**

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| **RFC ID** | **RFC\_NCTS\_0191** (JIRA:UCCNCTS-2270) |
| **Related Incident ID** | **IM496034 / PM24241 / KE22266** |
| **RFC Initiator / Organization** | **NA-LU** |
| **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 the wording of B1820 and B1823 to avoid redundancy / overlap during the validation.** |
| **Both** B1820 and B1823 should no more report an error on the same Data Groups (i.e. CONSIGNEE) at *Consignment* or *House Consignment Item* **levels**. Both BRTs should specify \_only\_ the optionality of the Data Group on which it’s attached. |

**Section 2: Problem statement**

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| In NCTS-P5 **DDNTA-5.15.0-v1.00** (based on CSE-v51.8.0),   * **B1820** is attached to Data Group  /\*/Consignment/HouseConsignment/**ConsignmentItem**/Consignee * but also modifies the optionality of the D.G /\*/*Consignment*/Consignee, while, * **B1823**, attached to D.G /\*/**Consignment** /Consignee * also modifies the optionality of the D.G /\*/Consignment/House Consignment/*Consignment Item*/Consignee.   Both BRTs raise validation errors for the **same** Data Group either they are attached to it or not.  **B1820** is attached to /\*/Consignment/House Consignment/**Consignment Item**/Consignee data group.    Extract from CD001C  **B1823** is attached to /\*/**Consignment**/Consignee data group.    Extract from CD001C  Wording of **B1820** in DDNTA-5.15.0-v1.00:    Wording of **B1823** in DDNTA-5.15.0-v1.00:    The correction should avoid the existing overlap of the two BRTs, to prevent that one error triggers two BRTs. |

**Section 3: Description of proposed solution**

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| 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 wording of existing **B1820** shall be updated as follows:   **Technical Description:**  IF <Decisive Date> is LESS than or EQUAL to <TPendDate>  THEN  IF /\*/Consignment/countryOfDestination is in SET CL009  THEN IF /\*/Consignment/Consignee is PRESENT  THEN /\*/Consignment/HouseConsignment/ConsignmentItem/Consignee = "N"  ELSE /\*/Consignment/HouseConsignment/ConsignmentItem/Consignee = "R"  ELSE IF /\*/Consignment/HouseConsignment/ConsignmentItem/countryOfDestination is in SET CL009  THEN THIS /\*/Consignment/HouseConsignment/ConsignmentItem/Consignee = "R"  ELSE IF /\*/TransitOperation/security is in SET {0,1}  THEN IF /\*/Consignment/Consignee is PRESENT  THEN /\*/Consignment/HouseConsignment/ConsignmentItem/Consignee = "N"  ELSE /\*/Consignment/HouseConsignment/ConsignmentItem/Consignee = "O"  ELSE IF at least one instance of /\*/Consignment/AdditionalInformation/code is EQUAL to '30600'  THEN ~~/\*/Consignment/Consignee = "N" AND~~  /\*/Consignment/HouseConsignment/ConsignmentItem/Consignee = "N"  ELSE IF at least one instance of /\*/Consignment/HouseConsignment/ConsignmentItem/AdditionalInformation/code is EQUAL to '30600'  THEN ~~THIS /\*/Consignment/Consignee = "N" AND~~  THIS /\*/Consignment/HouseConsignment/ConsignmentItem/Consignee = "N"  ELSE IF /\*/Consignment/Consignee is PRESENT  THEN /\*/Consignment/HouseConsignment/ConsignmentItem/Consignee = "N"  ELSE /\*/Consignment/HouseConsignment/ConsignmentItem/Consignee = "R"  **Functional Description:**  N/A   * The wording of existing **B1823** will be updated as follows:   **Technical Description:**  IF <Decisive Date> is LESS than or EQUAL to <TPendDate> THEN  C0001 shall be disabled AND  IF /\*/Consignment/countryOfDestination is in SET CL009  THEN IF at least one /\*/Consignment/HouseConsignment/ConsignmentItem/Consignee is present  THEN /\*/Consignment/Consignee = "N"  ELSE /\*/Consignment/Consignee = "R"  ~~IF /\*/Consignment/Consignee is PRESENT~~  ~~THEN /\*/Consignment/HouseConsignment/ConsignmentItem/Consignee = "N"~~  ~~ELSE /\*/Consignment/HouseConsignment/ConsignmentItem/Consignee = "R"~~  ~~ELSE IF /\*/Consignment/HouseConsignment/ConsignmentItem/countryOfDestination is in SET CL009~~  ~~THEN~~  ~~THIS /\*/Consignment/HouseConsignment/ConsignmentItem/Consignee = "R"~~  ELSE IF /\*/TransitOperation/security is in SET {~~0,1~~2,3}  THEN  ~~IF /\*/Consignment/Consignee is PRESENT~~  ~~THEN /\*/Consignment/HouseConsignment/ConsignmentItem/Consignee = "N"~~  ~~ELSE /\*/Consignment/HouseConsignment/ConsignmentItem/Consignee = "O"~~  ~~ELSE~~  IF ~~at least one instance of /\*/Consignment/AdditionalInformation/code OR~~ at least one instance of /\*/Consignment/HouseConsignment/ConsignmentItem/AdditionalInformation/code is EQUAL to '30600'  THEN /\*/Consignment/Consignee = "N" ~~AND~~  ~~/\*/Consignment/HouseConsignment/ConsignmentItem/Consignee = "N"~~  ~~ELSE IF at least one instance of~~  ~~/\*/Consignment/HouseConsignment/ConsignmentItem/AdditionalInformation/code is EQUAL to '30600'~~  ~~THEN~~  ~~THIS /\*/Consignment/Consignee = "N" AND~~  ~~THIS /\*/Consignment/HouseConsignment/ConsignmentItem/Consignee = "N"~~  ~~ELSE IF /\*/Consignment/Consignee is PRESENT~~  ~~THEN /\*/Consignment/HouseConsignment/ConsignmentItem/Consignee = "N"~~  ~~ELSE /\*/Consignment/HouseConsignment/ConsignmentItem/Consignee = "R"~~  ELSE /\*/Consignment/Consignee = "O"  *“Clean text of* ***B1823****”:*  *IF <Decisive Date> is LESS than or EQUAL to <TPendDate> THEN*  *C0001 shall be disabled AND*  *IF /\*/Consignment/countryOfDestination is in SET CL009*  *THEN IF at least one /\*/Consignment/HouseConsignment/ConsignmentItem/Consignee is present*  *THEN /\*/Consignment/Consignee = "N"*  *ELSE /\*/Consignment/Consignee = "R"*  *ELSE IF /\*/TransitOperation/security is in SET {2,3}*  *THEN*  *IF ~~at least one instance of /\*/Consignment/AdditionalInformation/code OR~~ at least one instance of /\*/Consignment/HouseConsignment/ConsignmentItem/AdditionalInformation/code is EQUAL to '30600'*  *THEN /\*/Consignment/Consignee = "N"*  *ELSE /\*/Consignment/Consignee = "O"*  **Functional Description:**  N/A  **IMPACT ASSESSMENT:**  This RFC-Proposal has no business continuity issues. It aims to optimize the Conformance Testing campaigns. It can be deployed in PROD in a **flexible way**.  **Proposed** date of applicability in Operations (T-Ops): As soon as possible (flexible)  **Proposed** date of applicability in CT (T-CT): 15.01.2023 (or sooner)  **Expected** date of approval by ECCG (T-CAB): 21.12.2022  **Risk in case of non-implementation**: LOW - **Not blocking operations but painful for CT Mode-2**  Some errors may trigger rejections with IE906 that reports both B1820 and B1823 for issues with /\*/Consignment/Consignee and /\*/Consignment/HouseConsignment/ConsignmentItem/Consignee.  **Impacted Messages:**   * CC013C, CC015C. * CD001C, CD003C, CD038C, CD050C, CD0115C, CD0160C, CD0165C.   **Impacted Rules, Conditions & BRTs etc.:**   * B1820 & B1823.     **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 (ONLY the file Rules and Conditions\_v0.45): Yes.** * CTS-5.7.1-v1.00: No. * 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-5.11.1: Yes.** * **CRP-5.7.4-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: No impact** [**Those BRTs are not used in DDNTA-6.2.0]** |

**Impact on CI artefacts**

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| **CSE-v51.8.0** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | **The wording of B1820 and B1823, shall be updated as described in section 3.** | |
| **DDNTA-5.15.0-v1.00 (Appendices)** | Cosmetic Low  Medium  High  Very High  Short description   |  | | --- | | **See section 3. PDF of Appendix ‘Q2’ generated by SpecsManager. Manual update of Appendix ‘Q2\_R\_C’ for the 2 BRTs.** | |
| **DMP Package-v5.7.0-v1.00** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | **See section 3. Manual update of file ‘Rules and Conditions\_v0.45’ for the 2 BRTs.** | |
| **TRP-5.11.1 (and related version of CTP-Explorer) (CONF only)** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | **Correction in file** Rules.drl **for B1820 and B1823.  Alignment of message templates CD906C.**  **List of Test Cases impacted: TFE-T-B1820\_1 and TFE-T-B1823\_2.** | |
| **CRP-5.7.4-v1.00 (CONF & PROD)** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | **Update to take into account the change in** Rules.drl**.** | |

**Estimated impact on National Project**

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| Cosmetic Low  Medium  High  Very High  Short description   |  | | --- | | To be assessed by NAs for the External Domain. | |

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| **Document History** | | | |
| **Version** | **Status** | **Date** | ***Comment*** |
| v0.10 | Draft by SOFTDEV | 10/11/2022 | *Draft by SOFTDEV* |
| v0.20 | Updates by SOFTDEV | 22/11/2022 | *PM&KE num have been added* |
| v0.21 | Draft commented | 08/12/2022 | *Various corrections applied* |
| v1.00 | SfR to NPMs | 13/12/2022 | *For emergency review by NPMs* |
| v1.00a | SfR2 to NPMs | 15/12/2022 | *Typo fixed as per PL comment.* |
| v1.00b | SfR3 to NPMs | 20/12/2022 | *B1823 further simplified, as per NA-DE comment*  *CRP version corrected.* |
| v1.10 | SfA to NPM | 08/01/2023 | ***Considered as accepted following CAB on 21.12.2022.  No change applied compared to v1.00b.*** |
| v1.20 | SfA to NPM with **implementation details** | 19/01/2023 | *On page 4 the text ~~AND~~ also needs to be formatted as Strikethrough.* |