# Impact Analysis Report / RFC-Proposal

**Section 1: Meta-data**

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| **RFC ID** | **RFC\_NCTS\_UCCNCTS-0220 (JIRA: UCCNCTS-3912)** |
| **Related Incident ID** | **IM496259/IM492626 (by ITSM)** |
| **RFC Initiator / Organization** | **NA-CH** |
| **CI** | **NCTS-P5 (DDNTA-5.15.1-v1.00 – CSE-v51.8.2)**  **implemented in DDNTA-5.15.2-v1.00(SfR-NPM) – CSE-v51.8.4** |
| **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-5.15.1-v1.00 - CSE-v51.8.2): Correction to get the “Country of destination” also at House Consignment level, as defined in the CTC Convention.** |
| To get the DDNTA-5.15.2-v1.00 correctly aligned with the **Convention on a Common transit procedure (Annex A1a)**, the Data Item “Country of destination”must be possible at all levels, including the House Consignment level. |

**Section 2: Problem statement**

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| The NCTS-P5 **DDNTA-5.15.1-v1.00** (based on CSE-v51.8.0) **already** includes the data item **'Country of destination'** at *Consignment* level and at *Consignment Item* level (in CD001C, CD003C, CC013C, CC015C, CC017C, CD038C, CC043C, CD050C, CD115C, CD160C, CD165C messages).  But, it was identified that the message CC015C is not fully aligned to the **Common Transit Convention** **Annex A1a** in which the ‘Country of destination’ exists under ‘HC’ level as well.  Extract of CD001C:      with the Condition C0343 attached (at both levels):    DDNTA-5.15.1-v1.00 and the **UCC DA Annex B** are aligned for the **D.E. 16 03 000 000 Country of destination**.    However, the ‘Consolidated text: Convention on a Common transit procedure’ ([Document 01987A0813(01) of 20/10/2022](https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A01987A0813%2801%29-20221020)) defines that this data item is **mandatory**: it must appear in one of the three levels (Consignment or House Consignment or House Consignment Item).  In conclusion:   1. Both the UCC DA Annex B and the DDNTA should be aligned to the **Convention on Common transit procedure** for the data item ‘Country of destination’. A related change request for **UCC DA Annex B** has already been initiated by DG TAXUD/B1 (#465 in the Change register as discussed in the DIH Committee). 2. In addition to the update in the structure of CD001C, CD003C, CC013C, CC015C, CC017C, CC029C, CD038C, CC043C, CD050C, CD115C, CD160C, CD165C, the **wording of Condition C0343** and the **wording of** **Rules R0506, R3060 and R3062** should also be updated to define the optionality of the ‘Country of destination’ at HC level and the usage applicability of the Additional Information.code = ‘30600’. |

**Section 3: Description of proposed solution**

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| In **DDNTA-5.15.1-v1.0.0 (incl. Appendix Q2)** and the **CSE-v51.8.2**, the following changes shall be performed, as illustrated below (addition of **text highlighted in yellow** – removal of ~~text with strikethrough~~):   1. **Message structure** of CD001C, CD003C, CC013C, CC015C, CC017C, CC029C, CD038C, CC043C, CD050C, CD115C, CD160C and CD165C messages shall be updated, to include the data item ‘Country of destination’ at HOUSE CONSIGNMENT level.   For messages **CD001C**, **CD003C**, and **CD038C** the structure will be updated as follows:  (…)  ------HOUSE CONSIGNMENT\* **19**99x R E1406  Sequence number R n..5 R0987  Country of dispatch D a2 CL008 B1032 B2104 C0909 G0062 G0988  **Country of destination D a2 CL008 C0343 E1301 G0062 G0113**  Gross mass R n..16,6 B1912 R0983  (…)  **\*NOTE:** The changes in this Data Group also depict the changes for the ‘Country of dispatch’ as per ‘RFC\_NCTS\_ 0219\_IAR-UCCNCTS-3221’ and for the multiplicity of House Consignment as per ‘RFC\_NCTS\_0223\_IAR-UCCNCTS-3442’.  For messages **CD050C**, **CD115C**, **CD160C** and **CD165C** the structure will be updated as follows:  (…)  ------HOUSE CONSIGNMENT\* **19**99x R E1406  Sequence number R n..5 R0987  Country of dispatch D a2 CL008 C0910 E1301 G0062 G0988  **Country of destination D a2 CL008 C0343 E1301 G0062 G0113**  Gross mass R n..16,6 B1912 R0983  (…)  **\*NOTE:** The changes in this Data Group also depict the changes for the ‘Country of dispatch’ as per ‘RFC\_NCTS\_ 0219\_IAR-UCCNCTS-3221’ and for the multiplicity of House Consignment as per ‘RFC\_NCTS\_0223\_IAR-UCCNCTS-3442’.  For messages **CC013C** and **CC015C** the structure will be updated as follows (the message **CC029C** will be modified in a similar way, but without the BRTs & TRTs applied):  ------HOUSE CONSIGNMENT\* **19**99x R E1406  Sequence number R n..5 R0987  Country of dispatch D a2 CL008 B2104 C0909 E1301 G0988 R0506  **Country of destination D a2 CL008 C0343 E1301 R0506 G0062 G0113**  Gross mass R n..16,6 R0983  (…)  **\*NOTE:** The changes in this Data Group also depict the changes for the ‘Country of dispatch’ as per ‘RFC\_NCTS\_ 0219\_IAR-UCCNCTS-3221’ and for the multiplicity of House Consignment as per ‘RFC\_NCTS\_0223\_IAR-UCCNCTS-3442’.  For message **CC017C** the structure will be updated as follows:  ------HOUSE CONSIGNMENT\* **19**99x O G0360  Sequence number R n..5 R0054  Country of dispatch D a2 CL008 C0909 G0042 G0988  **Country of destination D a2 CL008 C0343 G0042**  Gross mass O n..16,6 G0360  (…)  **\*NOTE:** The changes in this Data Group also depict the changes for the ‘Country of dispatch’ as per ‘RFC\_NCTS\_ 0219\_IAR-UCCNCTS-3221’ and for the multiplicity of House Consignment as per ‘RFC\_NCTS\_0223\_IAR-UCCNCTS-3442’.  For message **CC043C** the structure will be updated as follows:  ------HOUSE CONSIGNMENT 99x O G0360  Sequence number R n..5 R0054  **Country of destination D a2 CL008 C0343 G0042**  Gross mass R n..16,6 R0983  (…)  where the existing **C0343** will be updated as follows:  **Technical Description**  IF /\*/Consignment/countryOfDestination is PRESENT  THEN **/\*/Consignment/HouseConsignment/countryOfDestination = "N" AND**  /\*/Consignment/HouseConsignment/ConsignmentItem/countryOfDestination = "N"  **ELSE IF /\*/Consignment/HouseConsignment/countryOfDestination is PRESENT**  **THEN /\*/Consignment/HouseConsignment/ConsignmentItem/countryOfDestination = "N"**  ELSE /\*/Consignment/HouseConsignment/ConsignmentItem/countryOfDestination = "R"  **Functional Description**  IF <CONSIGNMENT.Country of destination> is PRESENT  **THEN <CONSIGNMENT-HOUSE CONSIGNMENT.Country of destination> = "N" AND**  <CONSIGNMENT-HOUSE CONSIGNMENT-CONSIGNMENT ITEM.Country of destination> = "N"  **ELSE IF < CONSIGNMENT-HOUSE CONSIGNMENT.CountryOfDestination is PRESENT**  **THEN <CONSIGNMENT-HOUSE CONSIGNMENT-CONSIGNMENT ITEM.Country of destination> = "N"**  ELSE <CONSIGNMENT-HOUSE CONSIGNMENT-CONSIGNMENT ITEM.Country of destination> = "R"  and the **existing** **E1301** will be updated as follows:  **Technical Description:**  IF <Decisive Date> is LESS than or EQUAL to <TPendDate>  THEN  /\*/Consignment/countryOfDispatch AND  /\*/Consignment/PreviousDocument AND  /\*/Consignment/SupportingDocument AND  /\*/Consignment/TransportDocument AND  /\*/Consignment/AdditionalReference AND  /\*/Consignment/AdditionalInformation AND  /\*/Consignment/HouseConsignment/countryOfDispatch AND  **/\*/Consignment/HouseConsignment/countryOfDestination AND**  /\*/Consignment/HouseConsignment/referenceNumberUCR AND  /\*/Consignment/HouseConsignment/Consignor AND  /\*/Consignment/HouseConsignment/Consignee AND  /\*/Consignment/HouseConsignment/DepartureTransportMeans AND  /\*/Consignment/HouseConsignment/PreviousDocument AND  /\*/Consignment/HouseConsignment/SupportingDocument AND  /\*/Consignment/HouseConsignment/TransportDocument AND  /\*/Consignment/HouseConsignment/AdditionalReference AND  /\*/Consignment/HouseConsignment/AdditionalInformation AND  /\*/Consignment/HouseConsignment/TransportCharges AND  /\*/Consignment/HouseConsignment/ConsignmentItem/countryOfDispatch AND  /\*/GuaranteeReference/Guarantor/AgentInCountryOfCompetentAuthority  shall not be used  **Functional Description:**  N/A  and the **existing** **R3060** will be updated as follows:  **Technical Description:**  IF /\*/Consignment/countryOfDestination is in SET CL009  OR at least one /\*/Consignment/HouseConsignment/countryOfDestination is in SET CL009  OR at least one /\*/Consignment/HouseConsignment/ConsignmentItem/countryOfDestination is in SET CL009  THEN /\*/Consignment/AdditionalInformation/code shall not be EQUAL to '30600'  **Functional Description:**  IF <CONSIGNMENT.Country Of Destination> is in SET CL009  OR at least one <CONSIGNMENT-HOUSE CONSIGNMENT.Country of Destination> is in SET CL009 (CountryCodesCommonTransit)  OR at least one < CONSIGNMENT-HOUSE CONSIGNMENT-CONSIGNMENT ITEM.Country Of  Destination> are in SET CL009  THEN <CONSIGNMENT-ADDITIONAL INFORMATION.Code> shall not be EQUAL to '30600'  and the **existing** **R3062** will be updated as follows:  **Technical Description:**  IF /\*/Consignment/countryOfDestination is in SET CL009  OR at least one /\*/Consignment/HouseConsignment/countryOfDestination is in SET CL009  OR at least one /\*/Consignment/HouseConsignment/ConsignmentItem/countryOfDestination is in SET CL009  THEN /\*/Consignment/HouseConsignment/AdditionalInformation/code shall not be EQUAL to '30600'  **Functional Description:**  IF <CONSIGNMENT.Country Of Destination> is in SET CL009  OR at least one <CONSIGNMENT-HOUSE CONSIGNMENT.Country Of Destination> is in SET CL009 (CountryCodesCommonTransit)  OR at least one <CONSIGNMENT-HOUSE CONSIGNMENT-CONSIGNMENT ITEM.Country Of  Destination> are in SET CL009  THEN <CONSIGNMENT-HOUSE CONSIGNMENT- ADDITIONAL INFORMATION.Code> shall not be EQUAL to '30600'  and the **existing** **R0506** will be updated as follows:  **Technical Description:**  IF /\*/Consignment/HouseConsignment/Consignor is PRESENT for all /\*/Consignment/HouseConsignment/  THEN at least one occurrence of /\*/Consignment/HouseConsignment/Consignor must be different from the others;  (…)  IF /\*/Consignment/HouseConsignment/countryOfDestination is PRESENT for all /\*/Consignment/HouseConsignment/  THEN at least one occurrence of /\*/Consignment/HouseConsignment/countryOfDestination must be different from the others;  IF /\*/Consignment/HouseConsignment/countryOfDispatch is PRESENT for all /\*/Consignment/HouseConsignment/  THEN at least one occurrence of /\*/Consignment/HouseConsignment/countryOfDispatch must be  different from the others.  **Functional Description:**  IF <CONSIGNMENT-HOUSE CONSIGNMENT-CONSIGNOR> is PRESENT for all <CONSIGNMENT- HOUSE CONSIGNMENT>  THEN at least one occurrence of <CONSIGNMENT-HOUSE CONSIGNMENT-CONSIGNOR> must be different from the others;  (…)  IF <CONSIGNMENT-HOUSE CONSIGNMENT.Country of destination> is PRESENT for all  <CONSIGNMENT-HOUSE CONSIGNMENT>  THEN at least one occurrence of <CONSIGNMENT-HOUSE CONSIGNMENT.Country of destination>  must be different from the others;  IF <CONSIGNMENT-HOUSE CONSIGNMENT.Country of dispatch> is PRESENT for all  <CONSIGNMENT-HOUSE CONSIGNMENT>  THEN at least one occurrence of <CONSIGNMENT-HOUSE CONSIGNMENT.Country of dispatch>  must be different from the others.  Also, a new guideline will be added at D.I ‘Country of destination’ in both External and Common Domain messages (CC013C, CC015C, CC029C, CD001C, CD003C, CD038C, CD050C, CD0115C, CD0160C, CD0165C) at all levels:   * /\*/CONSIGNMENT.Country of destination * /\*/Consignment/HouseConsignment/countryOfDestination * /\*/CONSIGNMENT/HOUSE CONSIGNMENT/CONSIGNMENT ITEM.Country of destination   with the following wording for the new **G0113**:  **Technical Description:** N/A **Functional Description:** The country code used to define the ‘Country of destination’ can be different from the country code used in the data item ‘Country’ included in the address of the ‘Consignee’.  Indeed, the guideline G0988 explains that:  *‘The Country of dispatch can be different from the Country defined in the address of the Consignor.’*  but there was no similar guideline related to the ‘Country of destination’ & ‘Consignee’.  The validation of the existing condition **C0343** in messages **CD003C, CD038C, CD115C and CD165C** will be updated in the **DDNTA 5.15.1-v1.00, Appendix K** as follows:   |  |  |  | | --- | --- | --- | | **TMS Path** | **Validated by Sender** | **Validated by Recipient** | | MESSAGE / CONSIGNMENT.Country of destination (a2) | R | ~~SR~~ **N** | | **MESSAGE / CONSIGNMENT / HOUSE CONSIGNMENT.Country of destination (a2)** | **R** | **N** | | MESSAGE / CONSIGNMENT / HOUSE CONSIGNMENT / CONSIGNMENT ITEM.Country of destination (a2) | R | ~~SR~~ **N** |   The validation of the existing condition **C0343** in messages **CD001C, CD050C and CD160C** will be updated in the **DDNTA 5.15.1-v1.00, Appendix K** as follows:   |  |  |  | | --- | --- | --- | | **TMS Path** | **Validated by Sender** | **Validated by Recipient** | | MESSAGE / CONSIGNMENT.Country of destination (a2) | R | SR | | **MESSAGE / CONSIGNMENT / HOUSE CONSIGNMENT.Country of destination (a2)** | **R** | **SR** | | MESSAGE / CONSIGNMENT / HOUSE CONSIGNMENT / CONSIGNMENT ITEM.Country of destination (a2) | R | SR |   Finally, the following updates will be implemented in Appendix S:   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **IE** | **Level** | **Annex B** | **DG Name** | **DI Name** | **Path** | | **IE013** | **2** |  | **---HOUSE CONSIGNMENT** | **Country of destination** | **IE013.CONSIGNMENT.HOUSE CONSIGNMENT.Country of destination** | | **IE015** | **2** |  | **---HOUSE CONSIGNMENT** | **Country of destination** | **IE015.CONSIGNMENT.HOUSE CONSIGNMENT.CONSIGNMENT ITEM.Country of destination** | | **IE017** | **2** |  | **---HOUSE CONSIGNMENT** | **Country of destination** | **IE017.CONSIGNMENT.HOUSE CONSIGNMENT.Country of destination** | | **IE043** | **2** |  | **---HOUSE CONSIGNMENT** | **Country of destination** | **IE043.CONSIGNMENT.HOUSE CONSIGNMENT.Country of destination** |   **Impact Assessment:**  This RFC-Proposal updates the structure of several core messages exchanged over the External and Common Domains. It is necessary to enforce compatibility between all National Transit Application, taking advantage of the BRT E1301. It must be deployed (at any time) ***before*** ***or on* TPendDate** (defined in CS/RD2-PROD CL990, expected to be defined based on the next version of UCC WP as ‘21.01.2025’).  **Proposed** date of applicability in Operations (T-Ops): **TPendDate**, as defined in CS/RD2-CL990.  **Proposed** date of applicability in CT (T-CT): 2024Q2 (precise date to be confirmed)  **Expected** date of approval by NPMs (T-CAB): Together with DDNTA-5.15.2.  **Risk in case of non-implementation**:   * Movements will be blocked and manual BCP would be required (Common Domain messages will be rejected).   **🡺 This change MUST be applied by all NAs and all traders at the latest on TPendDate.**  **Impacted Messages:**   * **External Domain:** CC013C, CC015C, CC017C, CC029C, CC043C. * **Common Domain:** CD001C, CD003C, CD038C, CD050C, CD115C, CD160C, CD165C.   **Impacted Rules, Conditions & BRTs etc.:**   * C0343, E1301, R0506, R3060, R3062, G0113     **Impacted CI Artefacts:**   * **CSE-v51.8.2: Yes.** * **DDNTA-5.15.1-v1.00 (Main Document and Appendices S, D, J, K, Q2, Q2\_R\_C, R): Yes.** * Functional Specifications NCTS-P5 (FSS/BPM): 5.30.2: No. * DDCOM-20.4.0-v1.00: No. * DDNTA-5.15.1-v1.00 (Main Document): No. * **DMP Package-v5.8.0-v1.00: Yes.** * CTS-5.8.4-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: Yes.** * **TRP-5.13.5-v1.01: Yes.** * **CRP-5.8.3 (DROOLS): Yes.** (only to keep the latest version of rules.drl (DROOLS) synchronized with TRP) * 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: Yes** (a dedicated RFC is created to ensure consistency and operational continuity). |

**Impact on CI artefacts**

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| **CSE-v51.8.2** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | **D.I. ‘Country of destination’ will be added under the D.G. ‘House Consignment’ as described in section 3.** | |
| **DDNTA-5.15.1-v1.00 (Appendices)** | Cosmetic Low  Medium  High  Very High  Short description   |  | | --- | | **See section 3. PDF of Appendix ‘Q2’ generated by SpecsManager. Manual update of Appendices ‘D’, 'S', ‘K’ and ‘Q2\_R\_C’ for wording of C0343, R0506, R3060, R3062, E1301.** | |
| **CTP-5.10.0-v1.00 (Appendices)** | Cosmetic Low  Medium  High  Very High  Short description   |  | | --- | | **Addition of a new test case.** | |
| **TRP-5.13.5-v1.01 (and related version of CTP-Explorer) (CONF only)** | Cosmetic  Low  Medium  High  Very High  Draft impact on CTP/TRP identified at this stage:   |  |  |  | | --- | --- | --- | | **Update TC:** | **n/a** | **TFE-C0343, TFE-R0506, TFE-R3060, TFE-R3062** | | **New Test Cases:** | **Yes** | **A new test case (TBD) will be introduced** | | **Updated Drools:** | **Yes** | **Correction in file** Rules.drl **for C0343, R0506, R3060, R3062 and E1301.** | | **Other:** | **n/a** | **n/a** | |
| **CRP-5.8.3 (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 precisely by each NA.  Proposed *Medium* because it affects the External Domain and some Common Domain messages also. | |

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| **Document History** | | | |
| **Version** | **Status** | **Date** | ***Comment*** |
| v0.01 | Draft by SOFTDEV | 21/08/2023 | *Draft by SOFTDEV* |
| v0.10 | Update by TAXUD | 13/09/2023 | *Major corrections applied.* |
| v0.20 | Update by SOFTDEV | 15/09/2023 | *Implemented comments provided by DG TAXUD* |
| v1.00 | Update by SOFTDEV | 18/09/2023 | *Added updates to R3060, R3062 and the impact on Main Document* |
| v1.01 | Commented by DG TAXUD | 22/09/2023 | *Comments with (partial) track changes – Version 1.02 expected.* |
| v1.02 | Update by SOFTDEV | 25/09/2023 | *Implemented comments provided by DG TAXUD* |
| v1.03 | Commented by DG TAXUD | 26/09/2023 | *Comments with (partial) track changes – Version 1.04 expected.* |
| v1.04 | Update by SOFTDEV | 26/09/2023 | *Implemented comments provided by DG TAXUD* |
| v1.05 | SfR-NPM version | 02/10/2023 | *Implementing some extra corrections, expected also to be applied in DDNTA-5.15.2-v1.10.* |
| V1.06 | SfR to DG TAXUD after external review | 06/11/2023 | *NA comments implemented by SOFTDEV.* |