# Impact Analysis Report/ RFC-Proposal

**Section 1: Meta-data**

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| **RFC ID** | **RFC\_NCTS\_0137**(RTC-58486) |
| **Related Incident ID** | IM462939 |
| **RFC Initiator / Organization** | NA-NO |
| **CI** | **NCTS-P5 (DDNTA-v5.14.1 – CSE-v51.6.0)** |
| **Type of Change** | **Standard** **Emergency** |
| **Nature of Change** | Justification for Evolutive   |  | | --- | | **Specifications Improvement** | |
| **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) - 'CUSTOMS OFFICE OF TRANSIT (DECLARED). arrival date and time (estimated)' new Rule & xsd pattern** |
| The main issue reported by NA-NO(IM462939) is that whether they shall allow traders to lodge transit declarations combined with pre-notification that re-enters the security zone again on the same declaration. If so, NA.NO also reported whether Norwegian traders will need to assess a time of re-entry to the security zone.  For that reason, in terms of this IAR: - A new rule (Rxxxx) will be introduced for messages IE001, IE003, IE029, IE038, IE050, IE115, IE160, IE165 to compare the Arrival date and time (estimated) with the Release date - A new rule (Rxxxx) will be introduced for messages: IE013, IE015, IE017 to compare the Arrival date and time (estimated) with the Preparation date and time  These rules will be disabled during the transitional period with the usage of **two** new BRT1 rules (B1xxx, B1xxx). |

**Section 2: Problem statement**

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| Based on DDCOM-v20.3.0 SfA in section “IV.4-Numbering Convention for Rules & Conditions (R/C/T/TRT/BRT/S/G) for NCTS-P5 and AES-P1”, the proposed numbering of the new inserted Rules will be the following:  - A new rule **(R0004)** shall be applied in field ‘---CUSTOMS OFFICE OF TRANSIT (DECLARED).Arrival date and time (estimated)’ for messages CD001C, CD003C, CC029C, CD038C, CD050C, CD115C, CD160C, CD165C so as to compare the Arrival date and time (estimated) with the Release date of each message.  The description of the rule will be the following:  *“The value of <Arrival date and time (estimated)> field is considered valid only if it is* ***not*** *LESS than* ***or*** *EQUAL to <Release date>”*  It will be applied in the “Arrival date and time (estimated)” field of the below data group in e.g **CD001C** (the same will apply for the rest of the messages: CD003C, CC029C, CD038C, CD050C, CD115C, CD160C, CD165C).    - A new rule **(R0005)** shall be applied in field ‘---CUSTOMS OFFICE OF TRANSIT (DECLARED).Arrival date and time (estimated)’ for messages IE013, IE015, IE017 so as to compare the Arrival date and time (estimated) with the Preparation date and time of each message.  The description of the rule will be the following:  *“The value of <Arrival date and time (estimated)> field is considered valid only if it is* ***not*** *LESS than* ***or*** *EQUAL to <Preparation date and time>”*  It will be applied in the “Arrival date and time (estimated)” field of the below data group in e.g **CC013C** (the same will apply for the rest of the messages: CC015C, CC017C)    Please note that the aforementioned rules will be disabled during the transitional period with the usage of two new BRT1 rules (B1903, B1904):  Based on DDCOM-v20.3.0 SfA in section “IV.4-Numbering Convention for Rules & Conditions (R/C/T/TRT/BRT/S/G) for NCTS-P5 and AES-P1”, the proposed numbering of the new inserted Rules will be the following:  New **BRT, B1903** shall be introduced with the following description:  IF <Arrival date and time (estimated)> is LESS than or EQUAL to <TPendDate>  THEN R0004 will be disabled  New **BRT, B1904** shall be introduced with the following description:  IF <Arrival date and time (estimated)> is LESS than or EQUAL to <TPendDate>  THEN R0005 will be disabled |

**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):  New Rules will be implemented:  **R0004:**  **Technical Description:**  *The value of /\*/CustomsOfficeOfTransitDeclared/arrivalDateAndTimeEstimated field is considered valid only if it is not LESS than or EQUAL to /\*/TransitOperation/releaseDate*  **Functional Description:**  *The value of <CUSTOMS OFFICE OF TRANSIT (DECLARED).Arrival date and time estimated> field is considered valid only if it is not LESS than or EQUAL to <TRANSIT OPERATION.Release date>*  *Common Domain:*  Validated by Sender: ‘R’  Validated by Recipient: ‘N’  *External Domain:*  Validated by Sender: ‘-’  Validated by Recipient: ‘-’  **R0005:**  **Technical Description:**  *The value of /\*/CustomsOfficeOfTransitDeclared/arrivalDateAndTimeEstimated field is considered valid only if it is not LESS than or EQUAL to /\*/Message/Preparation date and time*  **Functional Description:**  *The value of <CUSTOMS OFFICE OF TRANSIT (DECLARED).Arrival date and time estimated> field is considered valid only if it is not LESS than or EQUAL to <MESSAGE. Preparation date and time>*  Validated by Sender: ‘-’  Validated by Recipient: ‘-’  **B1903**:  **Technical Description:**  IF <Decisive Date> is LESS than or EQUAL to <TPendDate>  THEN **R0004** will be disabled  **Functional Description:**  N/A  *Common Domain:*  Validated by Sender: ‘R’  Validated by Recipient: ‘R’  *External Domain:*  Validated by Sender: ‘-’  Validated by Recipient: ‘-’  **B1904**:  **Technical Description:**  IF <Decisive Date> is LESS than or EQUAL to <TPendDate>  THEN **R0005** will be disabled  **Functional Description:**  N/A  Validated by Sender: ‘-’  Validated by Recipient: ‘-’  In **CD001C**, **R0004** and **B1903** shall be applied as follows:  …  …  ---CUSTOMS OFFICE OF TRANSIT (DECLARED)  Sequence number R n..5 R0987  Reference number R an8 CL173 B1813 G0142 R0003 R0006 R0906  Arrival date and time (estimated) D an19 B1831 B1903 C0598 G0002 R0004  …  …  The aforementioned additions shall apply in the same way **also** for **CD003C, CC029C, CD038C, CD050C, CD115C, CD160C, CD165C.**  Furthermore:  In **CC013C,** **R0005** and **B1904** shall be applied as follows:  …  …  ---CUSTOMS OFFICE OF TRANSIT (DECLARED)  Sequence number R n..5 R0987  Reference number R an8 CL173 B1813 G0142 R0003 R0006 R0906  Arrival date and time (estimated) D an19 B1831 B1904 C0598 G0002 R0005  …  …  The aforementioned additions shall apply in the same way **also** for **CC015C, CC017C.**  NCTS-Data Mapping- v0.43 file: NCTS-Data Mapping- v0.43” file will be updated to depict the additions of the new rules and conditions regarding the messages for CD001C, CD003C, CC029C, CD038C, CD050C, CD115C, CC013C, CC015C asdescribed above.  **IMPACT ASSESSMENT:**  For the specific RFC-Proposal, there is no implementation impact, as it concerns the introduction of new rules along with two BRTs. The two BRTs will be used in order to disable these new Rules during the Transitional Period. Thus, the implementation of this part of the RFC shall be examined at national level by the MSAs for the External Domain messages.    **Changes at semantic level**  The changes at the semantic level for the Common Domain messages, namely concern the addition of B1903 and R0004 in field ‘Arrival date and time (estimated)’     * *With respect to the addition of B1903 and R0004*   + If the sender is aligned with the proposed changes (DDNTA 5.15.0) and the receiver is not aligned with the proposed changes (DDNTA 5.14.1), then no semantic error shall be caused, as after the end of the transition period, ‘’arrival Date and Time Estimated’’ field will be inserted correctly according to R0004   + If the sender is not aligned with the proposed changes (DDNTA 5.14.1) and the receiver is aligned with the proposed changes (DDNTA 5.15.0), then a semantic error shall be caused (IE906), after the end of the transition period, in case ‘’arrival Date and Time Estimated’’ field is not considered valid in the initiated message (according to R0004)   **Movement initiated under the previous DDNTA (5.14.1) release which continues its flow under the new DDNTA (5.15.0) release (open movement):**  Issues could possibly occur for the case where the message sender inserts not qualified data. More specifically, errors can possibly occur, after the end of the transition period, in case ‘’arrival Date And Time Estimated’’ field is not considered valid according to R0004 and R0005.  **Impact in case of no Implementation**  In case of not implementing this change, minor issues may occur in case the message sender inserts not qualified data. More specifically, errors can possibly occur, after the end of the transition period, in case ‘’arrival Date and Time Estimated’’ field is not considered valid according to R0004 and R0005.  **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**: None  **Risk of not implementing the change:** None    **Impacted Message(s):**   * Common Domain Messages: CD001C, CD003C, CD038C, CD050C, CD115C, CD160C, CD165C * External Domain Messages: CC029C, ,CC013C, CC015C, CC017C       **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: Yes (incl. update of file Rules and Conditions\_v0.43): Yes;** * **TRP-5.7.5: Yes;** * **CTP-5.7.0-v1.00: Yes;** * DDNTA-5.14.1-v1.00 (Main Document): No; * Functional Specifications (FSS/BPM): No; * UCC IA/DA Annex B: No; * CTS-5.6.1-v1.00: No; * CRP-v5.5-v1.00: 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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| **DDNTA-v5.14.1 (Appendices)** | Cosmetic  Low  Medium  High  Very High   |  | | --- | | **Appendices generated by CSE + Appendix Q2, Q2\_R\_C, K** | |
| **CSE-v51.6.0** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | **Updates as described in section 3.** | |
| **DMP-v5.6.0** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | **NCTS- Data Mapping- v0.43 file on conversion resolution fields.** | |
| **TRP-v5.7.5** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | **Alignment of messages 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 | 10/11/2021 |  |
| V0.11 | Updates by CUSTDEV | 15/12/2021 | Version update |
| v1.00 | SfA to NPMs | 25/01/2022 | *Updates in blue based on APO (B1903, B1904)* |