# Impact Analysis Report/ RFC-Proposal

**Section 1: Meta-data**

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| **RFC ID** | **RFC\_NCTS\_0184 (RTC-60282)** |
| **Related Incident ID** | IM481230 |
| **RFC Initiator / Organization** | NA-BE |
| **CI** | **NCTS-P5 (DDNTA-v5.14.1-v1.00 – CSE-v51.6.0)** |
| **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: Updates in CC009C and CC014C** |
| As per incident IM481230, raised by NA-BE, the message structure of IE009 and IE014 will be updated by either introducing new Condition or update existing Conditions so that to define the optionality of the Data Items ‘Decision date and time’, ‘Decision’ and ‘Justification’, considering the initiator of the invalidation. More specifically:  • If IE014 is sent, the invalidation is initiated by the ‘Holder of the Transit Procedure’ (messageRecipient = ‘NTA’)  • If no IE014 is sent, the invalidation is initiated by ‘Customs Office of Departure’.  Additionally, in the DDNTA Main Document, it should be specified that the IE014 message is rejected with the IE056 message (instead of negative IE009) in case for instance the IE014 is received in an inappropriate status, where no invalidation request (IE014) is allowed to be sent by the Holder of the Transit Procedure (e.g. after the transit movement is released for transit). |

**Section 2: Problem Statement**

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| In the DDNTA for NCTS P5. Version 5.14.1 – CSE 51.6.0, the structure of Data Group “INVALIDATION” in CC009C and CC014C is the same.  Based on the specifications, the Holder of the Transit Procedure decides to invalidate the transit declaration and therefore notifies the Office of Departure with the ‘Declaration Invalidation Request’ E\_DEC\_INV (IE014) message. Upon reception of the ‘Declaration Invalidation Request’ E\_DEC\_INV (IE014) message, the Office of Departure examines the request and informs the Holder of the Transit Procedure accordingly of the result of such request via the ‘Invalidation Decision’ E\_INV\_DEC (IE009) message (i.e. positive or negative).  According to App. Q2, the structure of the ---INVALIDATION Data Group of IE009, IE014 messages is the following:  IE014 message:    IE009 message:    **C0128** is in place to define the optionality of the Data item <INVALIDATION.Decision>. The current wording of C0128 applied in both messages is the following:    In addition, it shall be noted that the optionality of the data item <INVALIDATION.Decision> depends on the value of the data item <INVALIDATION. Initiated by customs>. The current wording of G0101 is the following:    **C0137** is in place to define the optionality of the Data item <INVALIDATION.Justification>. The current wording of C0137 applied in both messages is the following:    On DDNTA-5.14.1-v1.00 Main Document- Section “III.V.7.1 Invalidation at Office of Departure”, it is mentioned that the Holder of the Transit Procedure may initiate invalidation of a transit declaration. Before release for transit, the ‘Holder of the Transit Procedure’ sends a ‘Declaration Invalidation Request’ E\_DEC\_INV (IE014), and the Office of Departure responds with an ‘Invalidation Decision’ E\_INV\_DEC (IE009). In this case <IE014. INVALIDATION.Initiated by customs> shall be set to ‘0’ ('No') and <IE014. INVALIDATION. Decision> is Required.  The Data Items ‘Decision date and time’, ‘Decision’ and ‘Initiated by customs’ are in place in ‘Declaration Invalidation Request’ E\_DEC\_INV (IE014) message. They shall be filled in so that to provide to the Office of Departure the necessary information taking into account the Holder of the transit procedure request to invalidate the movement.  The Departure responds with an ‘Invalidation Decision’ E\_INV\_DEC (IE009). In case of negative response, justification shall be provided in<IE009. INVALIDATION. Justification> data item.  As a result, taking into consideration the aforementioned analysis, the message structure of IE009 and IE014 will be updated by introducing new Condition (C0870) and update existing Conditions (C0128, C0137) so that to define the optionality of the Data Items ‘Decision date and time’, ‘Decision’ and ‘Justification’, considering the initiator of the invalidation.  • If IE014 is sent, the invalidation is initiated by the ‘Holder of the Transit Procedure’ (messageRecipient = ‘NTA’)  • If no IE014 is sent, the invalidation is initiated by ‘Customs Office of Departure’  Moreover, as per DDNTAv5.14.1-v1.00, Main Document-Section “III.II.2.10.2 T-TRA-DEP-A-017-Invalidation request by the Holder of the Transit Procedure after release for transit”, the following Time Sequence Diagram is shown:    Nevertheless, the above scenario of the DDNTA Main Document shall be updated to show that the reply to the IE014 message is the IE056 message (instead of the negative IE009) when the invalidation request (IE014) from the Holder of the Transit Procedure is received in an inappropriate status (e.g. after the movement is released for transit). In this case, the appropriate rejection reason to be used in the IE056 is “Message out of sequence”. |

**Section 3: Description of proposed solution**

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| The **DDNTA-v5.14.1 (incl. Appendix Q2) and the on CSE-v51.6.0** shall be corrected as follows (addition of **text highlighted in yellow**, removal of ~~text with strikethrough~~):  **New C0870** will be introduced:  **C0870:**  **Technical Description:**  IF the first three characters of /\*/messageRecipient is EQUAL to ‘NTA’  THEN /\*/Invalidation/decisionDateAndTime = "N"  ELSE /\*/Invalidation/decisionDateAndTime = "R"  **Functional Description:**  IF the first three characters of <Message recipient> is EQUAL to ‘NTA’  THEN <INVALIDATION.Decision date and time> = "N"  ELSE <INVALIDATION.Decision date and time> = "R"  Validated by the sender: "-"  Validated by the recipient: "-"  In addition, existing **C0128** and **C0137** will be updated as follows:  **C0128:**  **Technical Description:**  ~~IF /\*/Invalidation/initiatedByCustoms is EQUAL to ‘1’~~  IF the first three characters of /\*/messageRecipient is EQUAL to ‘NTA’  THEN /\*/Invalidation/decision = "N"  ELSE /\*/Invalidation/decision = "R"  **Functional Description:**  ~~IF /\*/Invalidation/initiatedByCustoms is EQUAL to ‘1’~~  IF the first three characters of <Message recipient> is EQUAL to ‘NTA’  THEN <INVALIDATION.Decision> = "N"  ELSE <INVALIDATION.Decision> = "R"  **C0137:**  **Technical Description:**  IF the first three characters of /\*/messageRecipient is EQUAL to ‘NTA’ THEN /\*/Invalidation/justification = "R" ~~ELSE IF ((/\*/Invalidation/initiatedByCustoms is EQUAL to ‘0’ AND /\*/Invalidation/decision is EQUAL to ‘0’) OR /\*/Invalidation/initiatedByCustoms is EQUAL to ‘1’)~~  ~~THEN /\*/Invalidation/justification = “R”~~  ELSE /\*/Invalidation/justification = “O"  **Functional Description:**  IF the first three characters of <Message recipient> is EQUAL to ‘NTA’ THEN <INVALIDATION.Justification> = "R"  ~~ELSE IF (<INVALIDATION.Initiated by customs> is EQUAL to ‘0’ AND <INVALIDATION.Decision> is EQUAL~~  ~~to ‘0’) OR <INVALIDATION.Initiated by customs> is EQUAL to ‘1’~~  ~~THEN <INVALIDATION.Justification> = "R"~~  ELSE <INVALIDATION.Justification> = "O"  Based on the aforementioned updates the structure of the ---INVALIDATION Data Group of **IE014** message will be as follows:  ---INVALIDATION  Request date and time D an19 C0129, G0002  Decision date and time ~~R~~D an19 C0870, G0002  Decision D n1 CL027 C0128, R0102  Initiated by customs R n1 CL027 G0101  Justification D an..512 C0137  Based on the aforementioned updates the structure of the ---INVALIDATION Data Group of **IE009** message will be as follows:  --INVALIDATION  Request date and time D an19 C0129, G0002  Decision date and time ~~R~~D an19 C0870, G0002  Decision D n1 CL027 C0128, R0102  Initiated by customs R n1 CL027 G0101  Justification D an…512 C0137  Lastly, the DDNTA Main Document v5.14.1-v1.00-Section “III.II.2.10.2 T-TRA-DEP-A-017-Invalidation request by the Holder of the Transit Procedure after release for transit” will be updated as follows:  1) The text of scenario will be changed to:  **[Step 14]** The Office of Departure automatically rejects the ‘Declaration Invalidation Request’ E\_DEC\_INV (IE014) by notifying the Holder of the Transit Procedure with the ~~‘Invalidation Decision’ E\_INV\_DEC (IE009) message containing negative decision (i.e. “Decision” is set to “0=No”)~~ ‘Rejection from Office of Departure’ E\_DEP\_REJ (IE056) message containing the error code ’92-Message out of sequence’. The state of the movement at the Office of Departure remains [unchanged](#_Invalidation_at_Office).  2) The Time Sequence Diagram: “Figure 30: T-TRA-DEP-A-017-Invalidation request by the Holder of the Transit Procedure after release for transit” of the aforementioned scenario will be modified to show that the IE014 is rejected with the IE056 message (instead of the negative IE009).  **NCTS-Data Mapping- v0.43 file:** Yes  **IMPACT ASSESSMENT:**    For the specific RFC proposal, the message changes are ONLY semantic. It should be noted that the change introduced affect the External Domain CC009C and CC014C messages. Though the implementation of this part of the RFC shall be examined at national level by the MSAs. Additionally, a minor change is performed in the scenario to reject the IE014 with the IE056 message when the Holder of the Transit Procedure sends an invalidation request after the transit movement is released.  **Movement initiated under the previous DDNTA (5.14.1) release which continues its flow under the new DDNTA (5.15.0) release (open movement):**  No issue is identified if a movement was initiated by an NTA aligned to DDNTA-5.14.0 and continues its flow under the new DDNTA 5.15.0 release (open movement).  **Risk of not implementing the change:** In case of not implementing this change, errors can possibly occur in the information provided at External Domain CC009C and CC014C messages. Additionally, the wrong rejection message will be used (i.e. IE009) when the IE014 is received in an inappropriate status and as a result erroneous information is passed to the Holder of the Transit Procedure.  **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**):                     N/A  **Expected** date of approval by ECCG (**T-CAB**):                  March 2022  **Impact on transition**: No  **Risk of not implementing the change:** Yes    **Impacted messages:**   * CC009C and CC014C     **New Conditions:**   * C0870   **Impacted Conditions:**   * C0128, C0137   **Impacted CIs:**     * **Functional Specifications (FSS/BPM)-v5.30: Yes;** * **CSE-v51.7.0: Yes;** * **DDNTA-5.15.0-v0.10; (Main Document & Appendix Q2\_R\_C PDFs): Yes;** * **DMP Package-v5.7.0 SfA-v0.10: (incl. update of file Rules and Conditions\_v0.43): Yes;** * **NCTS\_TRP-5.9.0: Yes;** * **NCTS\_CTP-5.7.0-v1.00: Yes;** * **ACS - v5.5.0 & ACS-Annex-NCTS: 5.5.0: Yes;** * **DDNTA-5.15.0-v0.10 (Main Document): Yes;** * **CS/RD2\_DATA: Yes** * CRP-v5.5-v1.00: No; * CTS-5.6.1-v1.00: No; * ieCA 1.0.1.0: No; * CS/MIS2\_DATA: No; * UCC IA/DA Annex B: No; * Functional Specifications (FSS/BPM): No; * DDCOM v20.4.0-v0.10: No; * AES-P1 and NCTS-P5 Long-Lived “Legacy” (L3) Movements Study v1.40: No. |

**Impact on CI artefacts**

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| **Functional Specifications (FSS/BPM)** | **Cosmetic  Low  Medium  High  Very High**  **Short description**   |  | | --- | | **The textual descriptions described in the Section 3 will be also transposed to the text of the *FSS-UCC NCTS Section I-BUSINESS PROCESS THREADS FOR CORE BUSINESS* and of the BPM.** | |
| **DDNTA-5.15.0-v0.10 (Main Document & Appendices)** | Cosmetic  Low  Medium  High  Very High   |  | | --- | | Update of:   * DDNTA Main Document * DDNTA\_APP\_Q2 R\_C * DDNTA\_APP\_Q2 | |
| **CSE-v51.7.0** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | Updates as described in section 3. | |
| **DMP Package-v5.7.0 SfA-v1.00** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | **Rules and Conditions\_v0.43 file to be updated** | |
| **TRP-5.9.0** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | Alignment of messages according to the updates of specifications. | |
| **CTP-5.7.0-v1.00** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | Alignment of scenarios according to the updates of specifications. | |
| **ACS - v5.5.0** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | Alignment of scenarios according to the updates of specifications. | |

**Estimated impact on National Project**

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|  | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | Impact limited to External Domain CC009C and CC014C messages.  This change is a recommendation. It shall not justify any delay by traders nor for NTA(P5) availability. | |

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| **Document History** | | |  |
| **Version** | **Status** | **Date** | ***Comment*** |
| v0.10 | Draft by CUSTDEV | 15/03/2022 |  |