# Impact Analysis Report / RFC-Proposal

**Section 1: Meta-data**

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| **RFC ID** | **RFC\_DDCOM\_0037** (UCCNCTSP6-227) |
| **Related Incident ID** | - |
| **RFC Initiator / Organization** | **DG TAXUD IT** |
| **CI** | **DDCOM-21.3.0-v1.00** |
| **Type of Change** | **Standard  Emergency** |
| **Nature of Change** | **Corrective  Evolutionary (evolutive)**  Justification for Evolutive   |  | | --- | | Change of the suffix from ‘D’ to ‘C’ in many of NCTS-P6 message types. A simplifying evolution of the NCTS-P6 Technical Specifications. | |
| **RFC Source** | |  |  | | --- | --- | | **Legal & Policy Change**  **Organisational Changes** | **Business Change**  **IT Change** | |
| **Review by Business User recommended?** | **Yes  No** |

***Change Summary***

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| **DDCOM-21.3.0-v1.00: Updates on Technical/Functional Messages due to suffix changes from ‘D’ to ‘C’ for most NCTS-P6 messages.** |
| Where applicable, all references to **CDxxxD** messages are being removed from DDCOM Main Document (or replaced by reference to **CDxxxC** messages) reflecting the decision to keep ‘C’ messages in NCTS-P6 where possible. In addition, ‘TED’ is replaced by ‘ieCA/TED’ where applicable. |

**Section 2: Problem statement**

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| To mitigate major risks for the timely migration from NCTS-P5 to NCTS-P6, (impacting National Administrations and Economic Operators located in Opt-in and Opt-out countries), the most appropriate solution is to simplify the transition from NCTS-P5 to NCTS-P6, by simplifying the NCTS-P6 Specifications in terms of message suffix.  In the latest DDNTA-6.3.0-v1.00, all NCTS-P6 messages have been defined with suffix ‘D’, while the next DDNTA-6.4.0-v1.00 should incorporate the suffix change in the majority of External Domain and Common Domain messages, apart from those used for NCTS-P6 ⬄ ICS2-CR communication.  This evolution requires updating the DDCOM Main Document, where the suffix changes should be reflected in various sections. |

**Section 3: Description of proposed solution**

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| The following updates will be performed into the next release **DDCOM-21.4.0-v1.00** (~~deleted text strikethrough and red colour~~ and added text in yellow).  **II.4.1.2 For AES-P1, NCTS-P5 and NCTS-P6**  (...)  If the CS/MIS2 application detects an XML error when parsing the CD411D, it replies by sending a message CD917C~~/CD917D~~ (XML error) or CD906C~~/CD906D~~ (functional error) to the originator.  **II.4.1.2.3 Validations performed by CS/MIS2 on a received CD411D**  If the message is correct (no CD906C~~/CD906D~~ nor CD917C~~/CD917D~~ exchanged), the CS/MIS2 Central Application shall immediately validate the content of the Business Statistics messages (CD411D) submitted by the NA, in terms of data quality. The first step of the validation is to verify that the Business Statistics message contains all the mandatory Statistics Types applicable (as defined in CS/RD2 code list CL057). The second validation will perform predefined *Consistency Checks* on the actual submitted values. In case of findings, CS/MIS2 will send to the originator of the CD411D the warning message (~~IE903~~ CD903D) that includes the relevant Consistency Check code(s) (as defined in CS/RD2 code list CL903).  **III.1 Introduction**  (...)  ~~Similarly, d~~During the Transitional Period of NCTS-P6 operations ~~and~~ no message conversions will occur ~~when NCA[NCTS-P6] uses a convertor (TAXUD ieCA or NCO)~~ for downgrade or upgrade of messages for Common Domain exchanges between NCA[NCTS-P6] and NCA[NCTS-P5]~~,~~. Instead, these NCTS-P6 messages will continue to carry the ‘C’ suffix. ~~the NCA[NCTS-P6] must store:~~  ~~• The content of the original messages that are sent for conversion (for Upgrade conversion is the message received from Common Domain and to be converted, for Downgrade conversion is the message produced by NCA and to be converted) along with the result of conversion in XML format (for Upgrade conversion is the converted message processed by the NCA[NCTS-P6], for Downgrade conversion is the converted message submitted by NCA[NCTS-P6] in Common Domain);~~  ~~• In case of functional (IE906) or CONTRL (IE917) errors submitted/received for a submitted message, the NCA[NCTS-P6] must store the originally submitted/received functional (IE906) or CONTRL (IE917). Please refer to V.5 Scenarios for Exception Handling during Transitional Period of NCTS-P6.~~  **V.3.3.1 Technical error codes**  This section explains the error codes that can be used by and XML NACK error messages, (specified as C\_XML\_NCK in DDNxA volumes). The XML NACK is described in section VII.5 XML error (CONTRL) message.  For the formatting errors identified, different error codes are used:  • for IE917B, error codes are maintained in CS/RD2 (CL030) and also available in tcl\_ics.xsd;  • for IE917C (~~NCTS-P5 and ,~~AES-P1, NCTS-P5 and NCTS-P6) ~~and IE917D (NCTS-P6)~~, error codes are specified in tcl.xsd and maintained in CS/RD2 (CL030)~~.~~;  • for IE917D (XML errors for exchanges between ieCA/TED and NTA Opt-In [NCTS-P6] error codes are specified in tcl.xsd and maintained in CS/RD2 (CL030).  **V.3.5 Functional error - IE906 (CD906C and CD906D)**  This section describes the use of Functional error data group in IE906 (CD906C and CD906D).  The messages CD906C and CD906D must be used for Functional error reporting in the following cases:  1. Post-transitional Common Domain exchanges in NCTS-P5 and AES-P1 (CD906C);  2. Transitional Common Domain exchanges between NCAs in NCTS-P5 and AES-P1 (CD906C);  3. Common Domain exchanges ~~involving NCTS-P6~~ between NCAs in NCTS-P6 and between NCAs in NCTS-P5/ NCTS-P6 (CD906~~D~~C).  4. Common Domain exchanges between NCAs in NCTS-P6 (Opt-In) and ieCA/TED (CD906D).  The possible values of these errors are specified in Codelist CL180 (for CD906C) and CL437 (for CD906D) (section V.3.5.1).  More details on the usage of CD906C in NCTS-P5 and AES-P1 are provided in section V.4. More details on the usage of CD906C and CD906D in NCTS-P6 are provided in section V.5.The Data Group ‘FUNCTIONAL ERROR’ consists of the following Data Items:   |  |  |  |  | | --- | --- | --- | --- | | **Data Item** | **Content** | **Status** | **Format** | | ***Error code*** | Values taken from CS/RD2 ~~(CL180).~~:   * CL180 for CD906C * CL437 for CD906D | Required | n2 | | (...) | (...) | (...) | (...) |   **Table 42 Data Items for Functional error data group in IE906 (CD906C/CD906D)**  (...)  **V.3.5.1 Functional error codes**  This section explains the error codes that can be used by the Functional error messages, XML FUN NACK (specified as C\_FUN\_NCK in DDNxA volumes). The XML NACK is described in section VII.5 XML error (CONTRL) message.  For the errors identified at functional level and reported with **CD906C or CD906D** ~~for~~ **~~IE906C/IE906D~~** the error codes are specified in tcl.xsd and maintained in CS/RD2 (CL180 and CL437 respectively) ~~(CL180/CL437)~~. The CL437 consists of the error codes, which are considered acceptable in the rejections exchanged between ieCA/TED and the NCAs in [NCTS-P6 Opt-In]. The CL437 includes the values of CL180 (NCTS-P6) and CL723 (ICS2).  The table below presents the list of functional error codes and their usage as defined in CS/RD2 (CL180).   | **Value** | **Description** | **Remark** | **Applicable[[1]](#footnote-2)** | | --- | --- | --- | --- | | (...) | (...) | (...) | (...) | | **90** | **Unknown MRN** | A message is received with MRN unknown to the destination (exception is the IEx01 messages concerning movement creation). To be used only when there is no ‘negative response’  *Example: The CDx02C~~/CD002D~~ is received and MRN is unknown, it must be responded with negative CDx03C~~/CD003D~~; not with CD906C~~/CD906D~~.*  *But: If a message CD115C~~/CD115D~~ is received and MRN is unknown, it must be responded with a CD906C~~/CD906D~~ with code ‘90’.* | * During TP * After TP | | (...) | (...) | (...) | (...) |   **Table 43: Functional error codes of CL180 for ~~NCTS-P5 and~~ AES-P1, NCTS-P5 and NCTS-P6**  In case a message CD502C (AES-P1), CD002C, CD114C or CD164C (NCTS-P5~~)~~ and ~~CD002D, CD114D or CD164D (~~ NCTS-P6) includes an MRN unknown, it shall not be responded with a message CD906C~~/CD906D~~ (MRN Unknown), but with the specific response IE, as properly depicted in DDNXA for AES-P1, ~~and~~ DDNTA for NCTS-P5 and DDNTA for NCTS-P6 processes and Time Sequence Diagrams.  (...)  **V.6 Scenarios for Exception handling between NCTS-P6 NAs (Opt-In) and ieCA/TED**  This section specifies the communication between NCTS-P6 NTA (Opt-In NAs only) and ieCA/TED in case of exception.  Three categories of rejections are identified:   1. The message from NCTS-P6 NTA is considered as invalid by ieCA/TED during input validation (rejection with CD917D or CD906D); 2. The message from NCTS-P6 NTA is considered invalid by ICS2 because of 'ENS Data validation Error' or 'Unsuccessful Filing' (rejection with CD906D or CD056D); 3. The message from ICS2-CR is considered invalid by ieCA/TED after its transformation to NCTS-P6 message.   **V.6.1 NCTS-P6 NTA Receives Error Message From ieCA/TED – Validation Errors by ieCA/TED in Input message**  The following scenario defines a situation when the NCTS-P6 NTA receives validation errors from ieCA/TED, which signifies one of the following cases:   * Syntax/Structural validation errors on the input NCTS-P6 message by ieCA/TED; * Business/Functional validation errors on the input NCTS-P6 message by ieCA/TED.   A diagram of a flowchart  Description automatically generated  **Figure 27: ieCA/TED Validation Errors In the Input Message (example based on**  **IEA15)**  The ieCA/TED shall respond per level of error as follows:   * Functional errors should be reported as specified in (V.3.5) using CD906D (V.3.5.1); * Syntax/Structural Validation errors shall be reported with XML NACK as specified in (V.3.3) using CD917D (VII.5) and with Error Codes (Codelist CL030) applicable to NCTS-P6.   **V.6.2 NCTS-P6 NTA Receives Error Message From ieCA/TED – ENS Data validation Error/Unsuccessful Filing**  The following scenario outlines the overview of the case when the NCTS-P6 NTA receives an **IE906D** error message from ieCA/TED, which signifies data quality errors based on one of the following cases:   * Unsuccessful initial validation of ENS data by ieCA/TED; * Unsuccessful registration of an ENS filing in ICS2-CR due to insufficient quality of data; * Unsuccessful validation of an ENS filing amendment request by ieCA/TED; * Rejection of an ENS filing Amendment request by ICS2-CR due to insufficient data quality; * Unsuccessful validation of an ENS filing invalidation request by ieCA/TED; * Unsuccessful validation of NCTS Referral Response by ieCA/TED; * Rejection of NCTS Referral Response by ICS2-CR.   Or a~~n~~ **~~IE~~CD056~~C~~D** error message from ieCA/TED, which signifies lifecycle validation errors based on one of the following cases:   * Unsuccessful registration of an ENS filing in ICS2-CR due to lifecycle validation error; * Rejection of an ENS filing Amendment request in ICS2-CR due to lifecycle validation error; * Rejection of an ENS filing invalidation request by ICS2-CR due to lifecycle validation error.  |  |  | | --- | --- | | **~~Figure 28: TED Validation Errors due to ENS Validation Error/Unsuccessful Filing~~** | **Figure 28: ieCA/TED Validation Errors due to ENS Validation Error/Unsuccessful Filing** |   The ieCA/TED shall respond per level of error as follows:   * Cases where ENS data quality check which is insufficient or there is an MRN uniqueness check error should be reported as specified in (V.3.5) using CD906D; * Lifecycle validation errors should be reported as specified in (V.3.6) using CD056D.   **V.6.3 NCTS-P6 NTA Receives Rejection Message From ieCA/TED ~~– CR~~ due to ICS2-CR message transformation failure**  (...)  Upon receiving the message, NCTS-P6 NTA will be responsible to perform the format and business validation of the post-conversion message and depending on the result:   * Either accepts it and continues the movement flow (on successful validation) or; * Produces the ~~IE~~CD917D or ~~IE~~CD906D (depending on which validation failed).   **V.8.2 Structure of the Master Reference Number (MRN) for AES-P1, NCTS-P5 and NCTS-P6**  (…)  The NCTS-P6 Opt-Out NA will generate MRNs with Code J or K (i.e. not L nor M ) while all 4 codes can be used in the MRNs generated by the NCTS-P6 Opt-In NA.  Considering the fundamental requirement of having same XSDs during and after transitions (IV.3), the following XSD Type (MRNType) will be associated with MRN data item for NCTS-P5 (see also Appendix X of DDNTA [R40]) and for NCTS-P6 (see also Appendix X of DDNTA [R44]):  (…)  In addition to the above XSD restriction, Rules shall be defined in DDNxA and applied to MRN data element   * ~~The Technical Message Structure of CC528C, CC571C, CC628C, (MRN ALLOCATED) defines that the 17th character of MRN must be (depending on the message) ‘A’, ‘B’, ‘C’, ‘D’ or ‘E’, for AES-P1 [R39];~~ * ~~The Technical Message Structure of CC028C (MRN ALLOCATED) defines that the 17th character of MRN must be ‘J’, ‘K’, ‘L’ or ‘M’, for NCTS-P5 [R40];~~ * ~~The Technical Message Structure of CC028D (MRN ALLOCATED) defines that the 17th character of MRN must be:~~   + ~~‘J’ or ‘K’ (for all NCTS-P6 NAs), or;~~   + ~~‘L’ or ‘M’ (only for NCTS-P6 Opt-In NAs).~~ * The Technical Message Structure of CC528C, CC571C, CC628C shall define rules to enforce data quality, ensuring that the 17th character of MRN (‘A’, ‘B’, ‘C’, ‘D’ or ‘E’) is consistent with the value of the security code (‘0’, ‘1’, ‘2’ or ‘3’) used in the CC515C or CC615C, for AES-P1 [R39]; * The Technical Message Structure of CC028C (MRN ALLOCATED) shall define rules to enforce data quality, ensuring that the 17th character of MRN ( J , K , L or M ) is consistent with the value of the security code ( 0 , 1 , 2 or 3 ) used in the CC015C, for NCTS-P5 [R40]; * The Technical Message Structure of CC028C/CC028D (MRN ALLOCATED) shall define rules to enforce data quality, ensuring that the 17th character of MRN ( J , K , L or M ) is consistent with the value of the security code ( 0 , 1 , 2 or 3 ) used in the CC015C, for NCTS-P6 [R44].   See Technical Specifications [R44~~R42~~] for more information.  During the Transitional Period from ECS-P2 to AES-P1 and from NCTS-P4 to NCTS-P5, there will be no validation of the ‘To Be’ MRN structure to enable the upgrade of messages in Common Domain since the NCTS-P4 and ECS-P2 format does not guarantee that the 17th character of MRN will be one of the values defined in Table 58 and Table 59 above. Nevertheless, the export and transit operations in AES-P1 and NCTS-P5 respectively will be assigned with MRN as per structure defined in Table 58 and Table 59 above.  For the NCA “To-Be” (including NCTS-P6), in case a message includes an **invalid MRN**, the message shall be rejected:   * With CD917C~~/~~ (or CD917D for ieCA/TED) after the XSD validation of the message detects an issue (with code '51 - The value of the specific data item is invalid with respect to the defined pattern for this specific type. error code’), if the pattern is violated; * With CD906C~~/~~ (or CD906D for ieCA/TED) if the XSD validation is positive but the R0028 is violated (i.e. check digit does not follow the ISO6346) ONE error code will be applicable: ’14 -Rule violation’ regarding R0028.   **V.8.4 Structure of the Entry Summary Declaration Master Reference Number (ENS MRN)**  (...)  Regarding the check character algorithm, the same steps are followed as described in V.8.1.1  In case a message includes an **invalid** **ENS MRN**, the message shall be rejected:   * With CD917D after the XSD validation of the message detects an issue (with code '51 - The value of the specific data item is invalid with respect to the defined pattern for this specific type. error code’), if the pattern is violated; * With CD906D if the XSD validation is positive but the R0027 is violated (i.e. check digit does not follow the ISO6346) ONE error code will be applicable: ’14 -Rule violation’ regarding R002~~8~~7.   **VII.5 XML error (CONTRL) message**  The XML CONTRL message structure (IE917) is used to exchange errors detected in a received XML message. The minimal requirement is to report the first error detected. All other detected errors should be reported if possible.  It is not allowed to exchange more than one XML CONTRL message to report several errors in the same interchange. The structure of the XML CONTRL is based on the assumption of one message per XML interchange. The message type of this XML CONTRL is the CD917B (ICS-P1) or CD917C (~~NCTS-P5~~ ~~and~~ AES-P1, NCTS-P5~~) or~~ and ~~CD917D (~~NCTS-P6) or CD917D (for XML errors reported in exchanges between ieCA/TED and NCAs Opt-In [NCTS-P6]), where CD indicates the exchange across the Common Domain.  (...)   | **Data Item** | **Content** | **Status** | **IE917BFormat** | **IE917C/IE917D Format** | | --- | --- | --- | --- | --- | | (…) | (…) | (…) | (…) | (…) | | ***Error reason***  ***(IE917B)***  ***Error text***  ***(IE917C/IE917D)*** | This field is a required alphanumeric data item that contains **the text of the error returned by the XML parser or the XML validator**. | Required | an..350 | an..512 | | (…) | (…) | (…) | (…) | (…) |   **Table 73: Data Items for XML Error data group in IE917**  Should an error be detected in a CD917B/CD917C/CD917D, no further message is exchanged but as much data as possible provided for manual intervention.  The CD917C/CD917D uses the same Message Header for AES-P1, NCTS-P5 and NCTS-P6 (see section VII.7).  It is recommended that NAs are following the same approach in External Domain exchanges for XML errors.  **VII.7.5 Correlation Identifier**  The **Correlation Identifier** is case sensitive. The content of the correlation identifier will be filled in as depicted in the following cases:   1. In case of message rejections, the data item Correlation identifier ~~data item~~ of the XML header must be filled in with Message identification of the rejected message, for the messages CD906C~~, CD906D,~~ and CD917C ~~and CD917D~~ (for AES-P1, NCTS-P5 and NCTS-P6 (between NAs)) and CD056D, CD906D and CD917D (between NA and ieCA/TED); 2. In case of response message responding to a request message, the “Correlation identifier” data item of the XML header must be filled in with the “Message identification” of the corresponding request message (e.g. “Message identification” of CD502C is present in the “Correlation identifier” of the CD503C).   (...)  **VIII.2.1 The message descriptor**  (...)  7. The MsgId value is an identifier used by the application to correlate a Report Message with the Information Exchange it reports about.  (...)   * **For NCTS-P6** the CorrelId is defined as follows:   ~~1. the~~ *~~CorrelId~~* ~~must be filled in with~~ *~~Message ID~~* ~~(MSGID) of the rejected message, for the messages CD906C, CD906D, and CD917D and CD917C (i.e. in case of message rejections from exchanges between NCTS-P6 and NCTS-P5 (CD906C/CD917C) or in case of message rejections by ieCA/TED (CD906D/CD917D));~~   1. the CorrelId must be filled in with Message ID (MSGID) of the rejected message, for the messages CD906C, CD906D, CD917C, CD917D and CD056D; 2. the *CorrelId* must be filled in with the *Message ID* (MSGID) of the corresponding request message, i.e. for the *response message* responding to a *request message*. The list of messages with Correlation ID is maintained in CS/RD2 in CL610; 3. the CorrelId shall not be filled in for the messages included in CL385 (these messages do not include an MRN inside their payload and are neither a response nor a *rejection*); 4. the *CorrelId* must be filled in with the *MRN* (in an ASCII format) without any character appended on it, for all the other messages not covered by the points 1, 2, 3 or 4.   This will enable the correlation of the “Erroneous Message / Error Message” and “Request / Response” messages.  Note: in case a *response message* is rejected with a message CD906C/CD906D or CD917C/CD917D, then the MRN of this movement can be retrieved - at CCN/CSI level - in the CorrelId of the initial *request message*.  (...)  **VIII.2.26 Maximum Message size**  The maximum size of a message handled by the CSI stacks (NJCSI, C CSI) is 4GB. The recommended limit (for the data before encryption) is ~10% lower, if integrity or confidentiality is enabled in the applied Quality of Service.  For the purpose of NCTS-P5 and AES-P1, as well as for NCTS-P6 (both for Opt-In and Opt-Out NAs):   * the highly recommended maximum size of the CCN message is set to be at 20 MB without any compression applied; * the strictly allowed maximum size of the CCN message shall not be more than 22 MB without any compression applied; * if a message is sent by mistake on the Common Domain, with a size larger than 22 MB, then the receiving country shall reject this oversized message by means of CD917C~~/CD917D~~ with the following content:   errorLineNumber=0,  errorColumnNumber=0,  no errorPointer,  errorCode=52,  errorText=”maximum input size exceeded”,  originalAttributeValue=<actual size>.  Consequently, the National Applications must define and apply limits on the declaration messages, to avoid that a declaration message is accepted from the declarant but cannot be exchanged on the Common Domain. Each National Transit Application must be able to receive and process the Common Domain messages with the multiplicity defined in the Appendix Q2 (when the size of the message is below the limit of 22 MB per uncompressed message). The same approach is applicable to AES-P1.  For the purpose of NCTS-P6 (Opt-In NAs) and interoperability with ICS2 through ieCA/TED:   * due to limitations in other parts of the ICS2 system, the message maximal size recommended in the ICS2 system is 20MB compressed[[2]](#footnote-3); * ~~if an NCTS-P6 message is sent to ieCA/TED, with a size up to 22MB (uncompressed) but after its transformation and compression results in more than 20MB (compressed~~~~64~~~~), then the ieCA/TED shall reject this oversized message by means of CD917D with the following content:~~ * if an NCTS-P6 message is sent to ieCA/TED and its transformation and compression result in a file size exceeding 20MB (compressed65), the ieCA/TED system shall reject the oversized message by means of CD917D with the following content*:*   errorLineNumber=0,  errorColumnNumber=0,  no errorPointer,  errorCode=52,  errorText=”maximum ICS2 input size exceeded after compression”,  originalAttributeValue=<actual size>.  **IMPACT ASSESSMENT**  This RFC-Proposal is part of the **documentary changes** defined for the important **simplifications** for the **NCTS-P6** Common and External Domain messages (for both **Opt-In** and **Opt-Out** NAs). See also the relevant NCTS-P6 RFC-Proposals. This change shall ensure the consistency and alignment of DDCOM-21.4.0 with the (coming soon) NCTS-P6 DDNTA-6.4.0.  **Proposed** date of applicability in Operations (**T-Ops**):  National start of NCTS-P6 operations (at earliest 01.03.2025, at latest 01.09.2025)  **Proposed** date of applicability in CT (**T-CT**):                     Start of CT campaign (provisionally on  (01.12.2024)  **Expected** date of approval by ECCG (**T-CAB**):                  Together with DDNTA-6.4.0-v1.00  **Consequence of not approving and not implementing this RFC-Proposal**: The DDCOM will be desynchronised with DDNTA-6.4.0, with high risk of confusion for all National development teams, and high risk of rejections on the Common Domain.  **Impacted CI Artefacts:**   * **DDCOM-21-3.0-v1.00: Yes.**   **Impacted CIs covered by related RFC-Proposals:**   * DDNTA-6.3.0-v1.00 (Main Document): Yes; * DDNTA-6.3.0-v1.00 (Appendices A, K, Q2, X): Yes; * CSE-v60.4.4: Yes; * NCTS-P6 DMP-6.3.0-v1.00 Package: Yes; * CTP-6.1.0-v1.00:Yes; * TRP-6.2.0-v1.00: Yes; * NCTS-P6-CTS-1.0.0-v1.00: Yes; * NCTS-P6-CRP-6.0.0: Yes; * CS/MIS2\_DATA: Yes; * CS/RD2\_DATA: Yes.   **CIs with no impact from the current RFC-Proposal:**   * Functional Specifications NCTS-P6 (FSS/BPM): 7.10.0: No; * ICS2-CR-CTS-1.0.0: No; * ieCA 1.1.1.0: No; * UCC IA/DA Annex B: No; * AES-P1: No; NCTS-P4: No; NCTS-P5: No. |

**Impact on CI artefacts**

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| **DDCOM-21.3.0-v1.00** | Cosmetic  Low  Medium  High  Very High  Short description   |  | | --- | | **See section 3 above.** | |

**Estimated impact on National Project**

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| --- | --- |
| **None  Cosmetic  Low  Medium  High  Very High**  **Short description**   |  | | --- | | **For NAs not having started yet the inception for NCTS-P6, this change will have a positive impact** for NAs as the development for the NCTS-P6 is **simplified**, as further documented in the coming and related DDNTA 6.4.0-v1.00 specifications. | |

| **Document History** | | | |
| --- | --- | --- | --- |
| **Version** | **Status** | **Date** | ***Comment*** |
| v0.10 | Draft by SOFTDEV | 08/03/2024 | *Draft by SOFTDEV* |
| v0.11 | Commented draft | 20/03/2024 | *Comments & track changes by DG TAXUD* |
| v0.20 | Updated by SOFTDEV | 01/04/2024 | *Updates following DG TAXUD’s comments* |
| v0.30 | Updated by SOFTDEV | 18/04/2024 | *Updates following changes in DDNTA P6 RfCs* |
| v0.31 | Commented draft | 23/04/2024 | *DG TAXUD: TED replaced by ieCA/TED, plus some comments with proposed improvements.* |
| v0.40 | Updated by SOFTDEV | 30/04/2024 | *Updates following DG TAXUD’s comments* |
| v0.41 | Draft updated | 14/06/2024 | *Various updates with TC by DG TAXUD IT (tds). Response to comments validated.* |
| v1.00 | Final version | 15/06/2024 | *Version ready for implementation in DDCOM and for review by NPMs.* |
| v1.01 | Updated by SOFTDEV | 08/07/2024 | *Figure 28 updates included.* |
| v1.10 | Final version | 10/07/2024 | *Final version uploaded including the changes of last DG TAXUD’s comment.* |
| v1.20 | Applied in DDCOM-21.4.0-v1.00(SfA-TAXUD) | 25/07/2024 | *Implementing comments from DG TAXUD on DDCOM-21.4.0-v0.10(SfR-TAXUD)* |
| v1.21 | SfA-NPM\_IMPL | 18/12/2024 | *Watermark and Document history (status) updated for info \_ Part of RFC-List.42 \_ Included in DDCOM-21.4.0-v2.00.* |

1. The "During TP" error codes are applicable during the Transitional Period of AES-P1 and NCTS-P5, while the "After TP" error codes are applicable after the Transitional Period of AES-P1 and NCTS-P5.

   Moreover, "After TP" error codes are applicable during and after the Transitional Period of NCTS-P6. [↑](#footnote-ref-2)
2. Message payload must be compressed using gzip, as specified in the ICS2 specifications [R46] [↑](#footnote-ref-3)