# Impact Analysis Report/ RFC-Proposal

**Section 1: Meta-data**

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| **RFC ID** | **RFC\_NCTSP6\_0303** (JIRA: UCCNCTSP6-290) |
| **Related Incident ID** | **N/A** |
| **RFC Initiator / Organization** | **DG TAXUD IT** |
| **CI** | **NCTS-P6 (DDNTA-6.4.0-v1.02 - CSE-v60.4.8)** |
| **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-P6 (DDNTA-6.4.0-v1.02 - CSE-v60.4.8): Updates and Improvements to the stypes.xsd file.** |
| Correcting the DDNTA-6.4.0-v1.02 (Appendix X) while offering stability to the NCTS-P6 opt-out countries (interested in still re-using the XSD files defined in DDNTA-5.15.2-v2.00) and to the NCTS-P6 opt-in countries having already developed their new NCTS-P6 application (based on DDNTA-6.4.0-v1.02) This RFC covers mainly corrections for simple types (stypes.xsd) but also for some complex types (ctypes.xsd). Documenting and explaining the differences observed between the NCTS-P5 and NCTS-P6.  For the future updates, with stabilized XSDs to avoid any unnecessary changes of XSDs with costly impact on all NAs, the tool to generate the XSDs is being significantly modified. |

**Section 2: Problem Statement**

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| Despite the Common Domain messages remain globally stable and the NCTS-P5 ‘C’ type messages are now re-used in NCTS-P6 (for the opt-out countries), differences in Appendix X (XSD files) are observed between the DDNTA-5.15.2-v2.00 and DDNTA-6.4.0-v1.01.  The differences in XSD files , XSD differences appear (in both **ctypes.xsd** and **stypes.xsd**) between NCTS-P5 and NCTS-P6 should be minimized and properly documented to facilitate the analysis, development and testing by National teams (going opt-out or opt-in)**.**  This approach must stabilise the XSDs on a correct basis, to minimise extra cost and to avoid extra delay for the development phase. It is expected by NAs to get the file **stypes.xsd** as close as possible to the existing one in NCTS-P5, while applying changes where justified (with **limited impact on the file ctypes.xsd** thatbuilt on top of the stypes.xsd). |

**Section 3: Description of proposed solution**

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| This RFC-Proposal documents the justified differences in XSD files between NCTS-P5 and NCTS-P6 Phases explained by:   1. the elimination – where applicable - of (some of) the NCTS-P4/P5 transitional measures; 2. some corrections; 3. some improvements; 4. the introduction of new NCTS-P6 specific messages and data elements (incl. the interface of NCTS-P6 with ICS2-CR via ieCA/TED).   This RFC-Proposal also documents the needed corrections of the XSD files included in **DDNTA-6.4.0-v1.02** (based on CSE-v60.4.8).  **A/ Justified discrepancies for SimpleTypes between DDNTA-5.15.2-v2.00 and DDNTA-6.4.0-v2.00**   1. **Tag <xs:documentation> - Message Usage discrepancy**:  The message usage of each simple type can be different between the two phases (e.g., the modified “*AcceptanceDateAndTimeContentType*”).”  |  |  | | --- | --- | | NCTS-P5 | NCTS-P6 | |  |  |   🡪 Those discrepancies are fully justified by the different number of messages.   1. **The following new *stypes* are created in NCTS-P6** because they are used **only** in NCTS-P6 messages (e.g. the new “*ActualDateAndTimeOfDeparture*”):     The new *stypes* used **only** in NCTS-P6 are listed in the below table:   |  |  |  | | --- | --- | --- | | ActualDateAndTimeOfDeparture | ENSRegistrationIndicator | Number | | CommunicationLanguageAtTransit | ENSSequenceNumber | PlaceOfExamination | | CompletionDateAndTime | EntryIndicator | POBox | | ContainerPackedStatus | ErrorDescription | ReEntryIndicator | | ContainerSizeAndType | EstimatedDateAndTimeOfArrival | ReferralRequestReference | | ContainerSupplierType | EstimatedDateAndTimeOfDeparture | RequestType | | DispatchToICS2CRIndicator | Filename | ScheduledControlDateAndTime | | DocumentIssueDateAndTime | IncludedBinaryObject | StreetAdditionalLine | | EmailAddress | InformationType | Street | | ENSFiling | MessageElementPath | SubDivision | | ENSMRN | MIME | TypeOfMeansOfTransport | | ENSRegistrationDateAndTime | MovementStoppedDate | TypeOfPerson |   🡪 Those discrepancies are fully justified.   1. **The following *stypes* are existing in NCTS-P5 but removed from NCTS-P6** because the transitional data elements were removed in NCTS-P6 (e.g. the removed “*IncidentFlag*”):     The three *stypes* that fall into this category are the following (only NCTS-P5 *stype*):   * AuthorityContentType01, * IncidentFlagContentType.   🡪 Those discrepancies are fully justified.   1. **The following *stypes* are renamed in NCTS-P6** because one of the two *stypes* from NCTS-P5 is no more needed in NCTS-P6. **The merge of two NCTS-P5 *stypes* into one NCTS-P6 *stype*** is applied by keeping the most precise *restriction base* (e.g. the merged “*HouseNumberContentType*” and “*AdditionalIdentifierContentType*”):  |  |  | | --- | --- | | NCTS-P5 | NCTS-P6 | |  |  |  |  |  | | --- | --- | | NCTS-P5 | NCTS-P6 | |  |  |  * The *stypes* that have been ‘merged’ in NCTS-P6 are listed in this table:  | **NCTS-P5 *stypes*** | **NCTS-P6 *stypes*** | | --- | --- | | AccessCodeContentType01 | AccessCodeContentType | | AccessCodeContentType02 | - | | AdditionalIdentifierContentType01 | AdditionalIdentifierContentType | | AdditionalIdentifierContentType02 | - | | AuthorisationNumberContentType01 | AuthorisationNumberContentType | | AuthorisationNumberContentType02 | - | | AuthorityContentType01 | AuthorityContentType | | AuthorityContentType02 | - | | CityContentType01 | CityContentType | | CityContentType02 | - | | CityContentType03 | - | | CombinedNomenclatureCodeContentType01 | CombinedNomenclatureCodeContentType | | CombinedNomenclatureCodeContentType02 | - | | ComplementOfInformationContentType01 | ComplementOfInformationContentType | | ComplementOfInformationContentType02 | - | | ContainerIdentificationNumberContentType01 | ContainerIdentificationNumberContentType | | ContainerIdentificationNumberContentType02 | - | | ControlledByContentType01 | ControlledByContentType | | ControlledByContentType02 | - | | DescriptionOfGoodsContentType01 | DescriptionOfGoodsContentType | | DescriptionOfGoodsContentType02 | - | | EMailAddressContentType01 | EMailAddressContentType | | EMailAddressContentType02 | - | | HouseNumberContentType01 | HouseNumberContentType | | HouseNumberContentType02 | - | | IdentifierContentType01 | IdentifierContentType | | IdentifierContentType02 | - | | JustificationContentType01 | JustificationContentType | | JustificationContentType02 | - | | LocationContentType01 | LocationContentType | | LocationContentType02 | - |  * The following cases, the *stypes* have been ‘merged’ partially and/or re-ordered (e.g. ‘ConveyanceReferenceNumberContentTypeXX’) or split (e.g. ‘SequenceNumberContentType’) or renamed for consistency (e.g. ‘MRNContentType05’).  |  |  | | --- | --- | | **NCTS-P5 *stypes*** | **NCTS-P6 *stypes*** | | **CodeContentType01**  (Used by 10/91 messages: **CC007C,** CC043C, CC182C, CD003C, CD038C, CD115C, CD145C, CD165C, CD180C, CD181C)  base="xs:token"  "[0-9]{1}" | **CodeContentType06**  (Used by 9/124 messages: CC043C, CC182C, CD003C, CD038C, CD115C, CD145C, CD165C, CD180C, CD181C)  base="xs:token"  "[0-9]{1}" | | CodeContentType02  (Used by 12/91 messages: CC017C, CC029C, CC042C, CD001C, CD003C, CD012C, CD018C, CD038C, CD050C, CD115C, CD160C, CD165C)  base="xs:token"  ".{2}" | CodeContentType02  (Used by 12/124 messages: CC017C, CC029C, CC042C, CCA29D, CD001C, CD003C, CD018C, CD038C, CD050C, CD115C, CD160C, CD165C)  base="xs:token"  ".{2}" | | CodeContentType03  (Used by 13/91 messages: CC013C, CC015C, CC017C, CC029C, CC043C, CD001C, CD003C, **CD012C,** CD038C, CD050C, CD115C, CD160C, CD165C)  base="xs:token"  ".{5}" | CodeContentType03  (Used by 17/124 messages: CC013C, CC015C, CC017C, CC029C, CC043C, **CCA13D, CCA15D, CCA29D,** CD001C, CD003C, CD038C, CD050C, CD115C, CD160C, CD165C, **CDA13D, CDA15D**)  base="xs:token"  ".{5}" | | CodeContentType04  (Used by 3/91 messages: CC055C, CD201C, CD205C)  base="xs:token"  ".{1,3}" | CodeContentType04  (Used by 3/91 messages: CC055C, CD201C, CD205C)  base="xs:token"  ".{1,3}" | | **CodeContentType05**  (Used by 7/91 messages: CD001C, CD003C, CD038C, CD050C, CD115C, CD160C, CD165C)  base="RiskAnalysisResultCode" | **CodeContentType01**  (Used by 11/124 messages: **CCA70D, CCA71D,** CD001C, CD003C, CD038C, CD050C, CD115C, CD160C, CD165C, **CDA70D, CDA71D**)  **base="xs:token"**  **".{1,17}"** | | **CodeContentType06**  (Used by 7/91 messages: CD001C, CD003C, CD038C, CD050C, CD115C, CD160C, CD165C)  base="xs:token"  "[A-Za-z]{1}" | **CodeContentType05**  (Used by 7/91 messages: CD001C, CD003C, CD038C, CD050C, CD115C, CD160C, CD165C)  base="xs:token"  "[A-Za-z]{1}" | |  |  | | ConveyanceReferenceNumberContentType01  (Used by 1/91 messages: CC029C)  base="ConveyanceReferenceNumber17" | - | | **ConveyanceReferenceNumberContentType02**  (Used by 4/91 messages: CC013C, CC015C, CC017C, CC170C)  base="ConveyanceReferenceNumber17\_NoSpaces" | **ConveyanceReferenceNumberContentType01**  (Used by 13/124 messages: CC013C, CC015C, CC017C, **CC029C,** CC170C, **CCA13D, CCA15D, CCA29D, CD001C, CD050C, CD160C, CDA13D, CDA15D**)  base="ConveyanceReferenceNumber17\_NoSpaces" | | **ConveyanceReferenceNumberContentType03**  (Used by 7/91 messages: **CD001C,** CD003C, CD038C, **CD050C,** CD115C, **CD160C,** CD165C)  base="ConveyanceReferenceNumber35" | **ConveyanceReferenceNumberContentType02**  (Used by 4/124 messages: CD003C, CD038C, CD115C, CD165C) base="ConveyanceReferenceNumber35" | |  |  | | **IdentificationNumberContentType01**  (Used by 12/91 messages: CC007C, CC013C, CC014C, CC015C, CC017C, CC026C, CC034C, CC044C, CC054C, CC141C, CC170C, CC224C)  base="AlphaNumeric\_MAX17\_NoSpaces" | **IdentificationNumberContentType03**  (Used by 73/124 messages: **CC004C, CC004D,** CC007C, **CC009C, CC009D,** CC013C, CC014C, CC015C, CC017C, **CC019C**, CC022C, CC023C, CC025C, CC026C, **CC028C, CC028D, CC029C,** CC034C, **CC035C, CC037C, CC043C,** CC044C, **CC045C, CC051C,** CC054C, **CC055C, CC056C, CC056D, CC057C, CC058D, CC060C, CC060D, CC117D, CC140C,** CC141C, CC170C, CC224C, **CC225C, CC228C, CC229C, CC231C, CC928C, CC928D, CCA13D, CCA15D, CCA28D, CCA29D, CCA64D, CCA70D, CCA71D, CCA91D, CD001C, CD003C, CD004D, CD009D, CD014D, CD038C, CD050C, CD115C, CD117D, CD142C, CD150C, CD151C, CD160C, CD165C, CD200C, CD201C, CD203C, CD205C, CDA13D, CDA15D, CDA70D, CDA71D**)  base="AlphaNumeric\_MAX17\_NoSpaces" | | **IdentificationNumberContentType02**  (Used by 13/91 messages: CC013C, CC015C, CC017C, CC029C, CC190C, CD001C, CD003C, **CD012C,** CD038C, CD050C, CD115C, CD160C, CD165C)  base="TINNewType" | **IdentificationNumberContentType01**  (Used by 23/124 messages: CC013C, CC015C, CC017C, CC029C, **CC058D, CC117D,** CC190C, **CC224C, CC228C, CCA13D, CCA15D, CCA29D,** CD001C, CD003C, CD038C, CD050C, CD115C, **CD117D,** CD160C, CD165C, **CDA13D, CDA15D, CDA71D**)  base="TINNewType" | | IdentificationNumberContentType03  (Used by 14/91 messages: CC029C, CC043C, CC182C, CD001C, CD003C, CD012C, CD018C, CD038C, CD050C, CD115C, CD160C, CD165C, CD180C, CD181C)  base="Alphanumeric\_Max35" | -  (replaced by IdentificationNumberContentType02) | | IdentificationNumberContentType04  (Used by 40/91 messages: CC004C, CC009C, CC017C, CC019C, CC022C, CC023C, CC025C, CC028C, CC029C, CC035C, CC037C, CC043C, CC045C, CC051C, CC055C, CC056C, CC057C, CC060C, CC140C, CC224C, CC225C, CC228C, CC229C, CC231C, CC928C, CD001C, CD003C, CD012C, CD038C, CD050C, CD115C, CD142C, CD150C, CD151C, CD160C, CD165C, CD200C, CD201C, CD203C, CD205C)  base="Alphanumeric\_Max17" | -  (replaced by IdentificationNumberContentType03) | | IdentificationNumberContentType05  (Used by 5/91 messages: CD001C, CD003C, CD038C, CD050C, CD115C)  base="TINTypeRelaxed" | -  (replaced by IdentificationNumberContentType01) | | **IdentificationNumberContentType06**  (Used by 6/91 messages: **CC007C,** CC013C, CC015C, CC017C, CC044C, CC170C)  base="AlphaNumeric\_MAX35\_NoSpaces" | **IdentificationNumberContentType02**  (Used by 27/124 messages: CC013C, CC015C, CC017C, **CC029C, CC043C,** CC044C, **CC060D,** CC170C, **CC182C, CCA13D, CCA15D, CCA29D, CCA64D, CD001C, CD003C, CD018C, CD038C, CD050C, CD060D, CD115C, CD160C, CD165C, CD180C, CD181C, CDA13D, CDA15D, CDA64D**)  base="AlphaNumeric\_MAX35\_NoSpaces" | |  |  | | LRNContentType01  (Used by 1/91 messages: CC917C)  base="Alphanumeric\_Max35" | LRNContentType01  (Used by 1/91 messages: CC917C)  base="Alphanumeric\_Max35" | | **LrnContentType02**  (Used by 10/91 messages: CC004C, CC009C, CC028C, CC029C, CC056C, CC060C, CC190C, CC191C, CC906C, CC928C)  **base="Alphanumeric\_Max22"** | **LRNContentType02**  (Used by 25/124 messages: CC004C, **CC004D,** CC009C, **CC009D,** **CC013C, CC014C, CC015C,** CC028C, **CC028D,** CC029C, CC056C, **CC056D,** CC060C, **CC060D, CC170C,** CC190C, CC191C, CC906C, CC928C, **CC928D, CCA13D, CCA15D, CCA29D, CCA91D, CDA15D**)  **base="AlphaNumeric\_MAX22\_NoSpaces"** | | LRNContentType03  (Used by 4/91 messages: CC013C, CC014C, CC015C, CC170C)  base="AlphaNumeric\_MAX22\_NoSpaces" | -  (replaced by **LRNContentType02**) | |  |  | | **SequenceNumberContentType**  (Used by 50/91 messages: CC007C, CC013C, CC015C, CC017C, CC022C, CC025C, CC029C, CC034C, CC037C, CC042C, CC043C, CC044C, CC048C, CC055C, CC060C, CC170C, CC182C, CC190C, CC191C, CC224C, CC225C, CC228C, CD001C, CD003C, CD010C, **CD012C,** CD018C, CD024C, CD038C, CD050C, CD063C, CD070C, CD071C, CD115C, CD144C, CD145C, CD150C, CD151C, CD160C, CD165C, CD180C, CD181C, CD200C, CD201C, CD203C, CD204C, CD205C, CD209C, CD411D, CD971C)  base="NumericWithoutZero\_5" | **SequenceNumberContentType02**  (Used by 63/124 messages: CC007C, CC013C, CC015C, CC017C, CC022C, CC025C, CC029C, CC034C, CC037C, CC042C, CC043C, CC044C, CC048C, CC055C, CC060C, **CC060D,** CC170C, CC182C, CC190C, CC191C, CC224C, CC225C, CC228C, **CCA13D, CCA15D, CCA28D, CCA29D, CCA64D, CCA70D, CCA71D,** CD001C, CD003C, CD010C, CD018C, CD024C, CD038C, CD050C, **CD060D,** CD063C, CD070C, CD071C, CD115C, CD144C, CD145C, CD150C, CD151C, CD160C, CD165C, CD180C, CD181C, CD200C, CD201C, CD203C, CD204C, CD205C, CD209C, CD411D, CD971C, **CDA13D, CDA15D, CDA64D, CDA70D, CDA71D**)  base="NumericWithoutZero\_5"/> | | - | - SequenceNumberContentType01  (Used by 1/124 messages: CCA28D)  base="ENSSequenceNumberType" | |  |  | | **MrnContentType05**  (Used by 68/91 messages: CC004C, CC007C, CC009C, CC013C, CC014C, CC017C, CC019C, CC022C, CC023C, CC025C, CC028C, CC029C, CC035C, CC037C, CC043C, CC044C, CC045C, CC051C, CC054C, CC055C, CC056C, CC057C, CC060C, CC140C, CC141C, CC182C, CC906C, CD001C, CD002C, CD003C, CD006C, CD010C, **CD012C,** CD018C, CD024C, CD027C, CD038C, CD049C, CD050C, CD059C, CD063C, CD094C, CD095C, CD114C, CD115C, CD118C, CD142C, CD143C, CD144C, CD145C, CD150C, CD151C, CD152C, CD160C, CD164C, CD165C, CD168C, CD180C, CD181C, CD200C, CD201C, CD203C, CD204C, CD205C, CD209C, CD906C, CD974C, CD975C)  base="MRNType" | **MRNContentType05**  (Used by 97/124 messages: CC004C, **CC004D,** CC007C, CC009C, **CC009D,** CC013C, CC014C, CC017C, CC019C, CC022C, CC023C, CC025C, CC028C, **CC028D,** CC029C, CC035C, CC037C, CC043C, CC044C, CC045C, CC051C, CC054C, CC055C, CC056C, **CC056D,** CC057C, **CC058D,** CC060C, **CC060D, CC117D,** CC140C, CC141C, CC182C, CC906C, **CCA13D, CCA28D, CCA29D, CCA64D, CCA70D, CCA71D,** CD001C, CD002C, CD003C, **CD004D,** CD006C, **CD009D,** CD010C, **CD014D,** CD018C, CD024C, CD027C, CD038C, CD049C, CD050C, **CD056D,** CD059C, **CD060D,** CD063C, CD094C, CD095C, CD114C, CD115C, **CD117D,** CD118C, **CD119D,** CD142C, CD143C, CD144C, CD145C, CD150C, CD151C, CD152C, CD160C, CD164C, CD165C, CD168C, CD180C, CD181C, CD200C, CD201C, CD203C, CD204C, CD205C, CD209C, CD906C, **CD906D, CD927D, CD928D,** CD974C, CD975C, **CDA13D, CDA15D, CDA52D, CDA64D, CDA70D, CDA71D, CDA93D**)  base="MRNType" |   🡪 Those discrepancies (improvements) are fully justified.  **B/ Defect to be fixed in Simple Types for DDNTA-6.4.0-v2.00**   1. **Correcting the *Restriction Base* discrepancy**: when the *restriction base* in NCTS-P6 was erroneously modified from NCTS-P5, then it needs to be aligned back to NCTS-P5 (e.g. the incorrect “*AmountConcerned*”);  |  |  | | --- | --- | | NCTS-P5 | NCTS-P6 | |  |  |   This may raise issues with certain data elements for which the value ‘0’ (zero) is explicitly authorized i.e. where the guideline G0021 is attached (as specified in DDCOM):  **With G0021 [Functional Description]:**  The value '0' (zero) is a valid number in this Data Item, as per applicable XSD pattern.  The *stypes* that fall into this category are the following (only NCTS-P5 *stype*):   * AmountConcernedContentType (see above) * CodeContentType01   + 1. **NCTS-P5 (**correlates to ***CodeContentType05*):**        - <xs:simpleType name=" CodeContentType05">        - <usedBy>Used by 7/91 messages: CD001C, CD003C, CD038C, CD050C, CD115C, CD160C, CD165C </usedBy>        - <xs:restriction base=" RiskAnalysisResultCode" />     2. **NCTS-P6 (**correlates to ***CodeContentType01*):**        - <xs:simpleType name=" CodeContentType01 ">        - <usedBy>Used by 11/124 messages: CCA70D, CCA71D, CD001C, CD003C, CD038C, CD050C, CD115C, CD160C, CD165C, CDA70D, CDA71D </usedBy>        - <xs:restriction base="xs:token">        - <xs:pattern value=".{1,17}"/> * CounterContentType   + 1. **NCTS-P5:**        - <xs:simpleType name="CounterContentType">        - <usedBy>Used by 1/91 messages: CD411D</usedBy>        - <xs:restriction base="NumericWithZero\_9" />     2. **NCTS-P6:**        - <xs:simpleType name="CounterContentType">        - <usedBy>Used by 1/124 messages: CD411D</usedBy>        - <xs:restriction base="xs:token">        - <xs:pattern value="[0-9]{1,9}"/> * ErrorLineNumberContentType   + 1. **NCTS-P5:**        - Used by 3/91 messages: CC917C, CD917C, CD917D        - <xs:restriction base="NumericWithZero\_9" />     2. **NCTS-P6:**        - Used by 3/124 messages: CC917C, CD917C, CD917D        - <xs:restriction base="xs:token">        - <xs:pattern value="[0-9]{1,9}"/> * MasterAccessCodeContentType   + 1. **NCTS-P5:**        - Used by 1/91 messages: CC026C        - <xs:restriction base="AlphaNumeric\_MAX4\_NoSpaces" />     2. **NCTS-P6:**        - Used by 1/124 messages: CC026C        - <xs:restriction base="xs:token">        - <xs:pattern value=".{1,4}"/> * NumberOfSealsContentType   + 1. **NCTS-P5:**        - Used by 20/91 messages: CC007C, CC013C, CC015C, CC017C, CC029C, CC043C, CC044C, CC170C, CC182C, CD001C, CD003C, CD012C, CD018C, CD038C, CD050C, CD115C, CD160C, CD165C, CD180C, CD181C        - <xs:restriction base="NumericWithZero\_4" />     2. **NCTS-P6:**        - Used by 23/124 messages: CC013C, CC015C, CC017C, CC029C, CC043C, CC044C, CC170C, CC182C, CCA13D, CCA15D, CCA29D, CD001C, CD003C, CD018C, CD038C, CD050C, CD115C, CD160C, CD165C, CD180C, CD181C, CDA13D, CDA15D        - <xs:restriction base="xs:token">        - <xs:pattern value="[0-9]{1,4}"/> * PlaceContentType02   + 1. **NCTS-P5:**        - Used by 8/91 messages: CC043C, CC182C, CD003C, CD038C, CD115C, CD165C, CD180C, CD181C        - <xs:restriction base=" Alphanumeric\_Max35">     2. **NCTS-P6:**   **-** Used by 23/124 messages: CC013C, CC015C, CC017C, CC029C, CC043C, CC044C, CC170C, CC182C, CCA13D, CCA15D, CCA29D, CD001C, CD003C, CD018C, CD038C, CD050C, CD115C, CD160C, CD165C, CD180C, CD181C, CDA13D, CDA15D  - <xs:restriction base="xs:token">  - <xs:pattern value=".{1,35}"/>  🡪 Those discrepancies (errors) will be eliminated in **DDNTA-6.4.0-v2.00** that will be aligned to DDNTA-5.15.2 for those *stypes*.   1. **Correcting the pattern of DateTimeType** : a pattern update was performed in Appendix X of DDNTA-6.4.0-v1.02 in order to align with DDCOM-21.4.0-v1.00. That can result in defining a date format that may include more than 19 characters, which is in contradiction with the format ‘an19’ – correctly – specified in Appendix Q2 of DDNTA-6.4.0-v1.02 and DDNTA-5.15.2-v2.00.  |  |  | | --- | --- | | NCTS-P5 | Allowed Values | |  | Pattern: YYYY-MM-DDTHH:MM:SS   * 2023-09-23T14:30:45 * 1999-12-31T23:59:59 * 2024-01-01T00:00:00 |  |  |  | | --- | --- | | NCTS-P6 | Allowed Values | |  | Pattern: YYYY-MM- DDTHH:MM:SS.sss   * 2023-09-23T14:30:45 * 1999-12-31T23:59:59 * 2024-01-01T00:00:00.123 |   The *stypes* that are included into this category, are the following:   * DateType * DateTimeType   🡪 Those discrepancies (errors) are not justified and are fixed in **DDNTA-6.4.0-v2.00** and in next release of DDCOM.   1. **Correcting the pattern of NumericWithZero** : in Appendix X of DDNTA-6.4.0-v1.02, the Pattern of some base type were updated resulting in allowing numbers with leading zeros (e.g. the incorrect “*NumericWithZero\_3*”). DDNTA-6.4.0-v1.02 deviates from DDNTA-5.15.2-v2.00 without valid reason.  |  |  | | --- | --- | | NCTS-P5 | Allowed Values | |  | * 0 * 1 * 10 * 999 |  |  |  | | --- | --- | | NCTS-P6 | Allowed Values | |  | * 0 * 1 * 10 * 999 * 015 |   The *stypes* that are included into this category, are the following:   * NumericWithZero\_3, * NumericWithZero\_4, * NumericWithZero\_9.   🡪 Those discrepancies (errors) are not justified and are fixed in **DDNTA-6.4.0-v2.00**.  The **DDNTA-6.4.0-v1.02 (incl. Appendix X), CSE-v60.4.8** shall be updated as explained above.  All the details of the above proposed updates are included in the XLSX file “***NCTS-P5-P6\_Appendix\_X\_stypes-updates-DDNTA-6.4.0-v2.00\_v1.00.xlsx***”.  **Note:** As documented in the xlsx file “***NCTS-P5-P6\_Appendix\_X\_stypes-updates-DDNTA-6.4.0-v2.00\_v1.00.xlsx***”, in DDNTA-6.4.0-v2.00:  <xs:restriction base="RiskAnalysisResultCode" />  shall be replaced by  <xs:restriction base="xs:token">  <xs:pattern value=".{1,17}"/>  (i.e. reverting back to the NCTS-P5 restriction) for all messages, **except** for messages CCA70D, CCA71D, CDA70D, CDA71D which are exchanged with ICS2-CR and for which a different pattern is used.  **IMPACT ASSESSMENT:**  This RFC-Proposal document changes in the file ***stypes.xsd (comparing NCTS-P5 – 5.15.2-v2.00 and NCTS-P6 6.4.0-v2.00)***, applicable for both **Opt-In**and **Opt-Out NAs**.  Those changes will automatically impact the content of ***ctypes.xsd***.  **Proposed** date of applicability in Operations (**T-Ops**):   Before the start of NCTS-P6 operations by each NA.  **Proposed** date of applicability in CT (**T-CT**):                     Precise date to be defined. After the SfA delivery of DDNTA 6.4.0-v2.00, plus 2 months (TRP Preparation & Delivery - FAT/SAT Testing)..**Expected** date of approval by ECCG (**T-CAB**):                  Together with the approval of DDNTA-6.4.0-v2.00(SfA).  **Risk in case of non-implementation:**  The corrections are applied to enable business continuity, to avoid exchanges of errors on Common Domain, leading to movements blocked between NCTS-P5 and NCTS-P6 countries.  **Impacted Messages:**   * CC013C, CC015C, CC017C, CC026C, CC029C, CC043C, CC044C, CC170C, CC182C, CC917C, **CCA13D, CCA15D, CCA29D, CCA70D, CCA71D**, * CD001C, CD003C, CD018C, CD038C, CD050C, CD115C, CD160C, CD165C, CD180C, CD181C, CD200C, CD203C, CD411D, CD917C, **CD917D, CDA13D, CDA15D, CDA70D, CDA71D**   **Impacted Rules, Conditions & BRTs etc.:**   * The content of this RFC-Proposal does not impact in any way the Rules and Conditions of NCTS-P6 (i.e. no impact on DROOLS).   **Impacted CI Artefacts:**   * DDNTA-6.4.0-v1.02 (Main Document): No * Functional Specifications NCTS-P6 (FSS/BPM): 8.0: No * **CSE-v60.4.8: Yes** * **DDNTA-6.4.0-v1.02 (Appendix ‘X’): Yes** * NCTS-P6 DMP-6.4.0-v1.00 Package: No * CTP-6.3.0 v1.00: No * **TRP-6.3.0 v1.00: Yes** * **DDCOM-21-4.0-v1.00: Yes** * ieCA/TED 2.0.0.1: No * **ICS2-CR-CTS-1.2.0-v1.00: Yes** * **ICS2-CR-CRP-1.2.0-v1.00: Yes** * CS/MIS2\_DATA: No * CS/RD2\_DATA: No * UCC IA/DA Annex B: No |

**Impact on CI artefacts**

|  |  |  |
| --- | --- | --- |
| **CSE-v60.4.8** | Cosmetic Low  Medium  High  Very High   |  | | --- | | Updates on the stypes.xsd file **as described in Section 3.** | |
| **DDNTA-6.4.0-v1.02 (Appendices ‘X’)** | Cosmetic Low  Medium  High  Very High   |  | | --- | | Updates on the stypes.xsd file **as described in Section 3.** | |
| **DDCOM-21-4.0-v1.00** | Cosmetic Low  Medium  High  Very High   |  | | --- | | Documentary changes regarding the format of simple type “***DateTimeType”.*** | |
| **TRP-6.3.0-v1.00** | **Cosmetic  Low  Medium  High  Very High**  **Short description**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | **Update TC** (Partially Passed or Failed if NA not aligned): | **None** |  | | **Deleted Test Cases:** | **None** |  | | **New Test Cases:** | **None** |  | | **Updated Drools:** | **None** |  | | **Other:** | **Yes** | The updated XSDs to be included in the next TRP Package. | | |
| **ICS2-CR-CTS-1.2.0-v1.00** | Cosmetic Low  Medium  High  Very High   |  | | --- | | Updated XSDs to be included in CTS Package. | |
| **ICS2-CR-CRP-1.2.0-v1.00** | Cosmetic Low  Medium  High  Very High   |  | | --- | | Updated CTS packages will be incorporated in the new CRP. | |

**Estimated impact on National Project**

|  |  |
| --- | --- |
| NoneCosmetic Low  Medium  High   Very High  Short description   |  | | --- | | Corrections and/or improvements of the stypes.xsd file offer advantages when upgrading from NTA.P5 to NTA.P6. But it can also generate difficulties for countries having already developed their NTA.P6. We invite each national team to assess in details – as early as possible - the impact on their NCTS-P6 project. | |

| **Document History** | | | |
| --- | --- | --- | --- |
| **Version** | **Status** | **Date** | ***Comment*** |
| v0.10 | Draft by SOFTDEV | 17/10/2024 | Draft by SOFTDEV |
| v0.11 | Draft commented | 04/12/2024 | Corrections applied by DG TAXUD/B3(tds)  Comments raised. |
| v0.12 | Draft by SOFTDEV | 06/12/2024 | Implementing comments provided by DG TAXUD Delivery service. |
| v0.13 | Draft commented | 07/12/2024 | Corrections applied by DG TAXUD/B3(tds)  Comments raised. |
| v0.14 | Draft by SOFTDEV | 10/12/2024 | Implementing comments provided by DG TAXUD Delivery service. |
| v0.15 | Draft by SOFTDEV | 10/12/2024 | Implementing additional comments provided by DG TAXUD Delivery service. |
| v0.16 | Draft by SOFTDEV | 13/12/2024 | Implementing additional comments provided by DG TAXUD Delivery service |
| v1.00 | SfA-NPM\_IMPL | 18/12/2024 | *Implemented in DDNTA-6.4.0-v2.00* |