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TES-RSD-DDNEA\_v3.14-Phase 4.1

Release Scope Document

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# Introduction

## Document purpose

The purpose of this document is to describe the scope for the Design Document for National Excise Applications (DDNEA) v3.14 for EMCS Phase 4.1.

## Scope

This document records the RFCs that are implemented in DDNEA v3.14 for EMCS Phase 4.1.

The RFCs included in this document are a subset of the RFCs listed in the "Design Document for National Excise Applications for EMCS List of Requests for Change and EMCS Change Advisory Board Recommendations" [R04].

This document complements the RSD for Phase 4.1 v2.10 and records the RFCs which were implemented in DDNEA v3.14. The issues these RFCs are fixing were discussed with MSAs on 26/04/2023 and 24/05/2023. DDNEA v3.14 was published to MSAs on CIRCABC on 23/05/2023 and implements RFCs:

* DDNEA-P4-344;
* DDNEA-P4-345.

It shall be noted that the version of the XSDs included in DDNEA v3.14 is maintained as V3.13 in the view of avoiding any possible inconvenience to the NAs development process.

In the present Release Scope Document, the following color code is applied inside the RFCs:

* The changes to be implemented on the existing text of the specifications are highlighted in yellow;
* Whereas the text of newly added scenarios is highlighted in green.

## Applicability

This document is applicable to the previous versions of FESS and DDNEA for Phase 4.0 and DDNEA v3.14.

## Structure

This document is organised as follows:

* **Chapter 1 – Introduction**: Introduces the purpose and scope of this document;
* **Chapter 2 – Overview of Changes for this Release**: Groups RFCs by release number;
* **Chapter 3 – Change Requests**: Lists and describes the RFCs in sequential order;
* **Chapter 4 – Annexes**: Provides a series of files with more information about RFCs.

## Reference documents

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ref.** | **Title** | **Originator** | **Version** | **Date** |
| R01 | Excise Glossary of Terms (GLT) | ITSM3-TES | 2.09 | 03/08/2016 |
| R02 | Functional Excise System Specifications (FESS) | SOFT-DEV | 4.12 | 01/03/2023 |
| R03 | DDNEA for EMCS Phase 4 | SOFT-DEV | 3.14 | 16/05/2023 |
| R04 | Design Document for National Excise Applications for EMCS (DDNEA for EMCS) List of Requests for Change and EMCS Change Advisory Board Recommendations | ITSM3-TES | 4.23 | 16/05/2023 |
| R05 | RSD for Phase 4.1 | ITSM3-TES | 2.10 | 20/03/2023 |

Table : Reference documents

## Applicable documents

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ref.** | Title | **Originator** | **Version** | **Date** |
| A01 | EMCS Change Management Process | DG TAXUD | 2.00 | 30/01/2014 |
| A02 | ITSM3-TES Framework Contract | DG TAXUD | N/A | 11/04/2017 |
| A03 | DIGIT-EUSS | DG TAXUD | N/A | 28/02/2023 |

Table : Applicable documents

## Abbreviations & acronyms

For a better understanding of the present document, the following table provides a list of the principal abbreviations and acronyms used.

See also the ‘list of acronyms’ on TEMPO.

|  |  |
| --- | --- |
| **Abbreviation/Acronym** | **Definition** |
| AES | Automated Export System |
| CDEA | Centrally Developed Excise Application |
| CS/MISE | Central Services – Management Information System Excise |
| CTA | Conformance Testing Application |
| DDNEA | Design Document for National Excise Applications |
| DG TAXUD | Directorate-General Taxation and Customs Union |
| e-AD | Electronic Administrative Document |
| ECWP | Excise Computerisation Working Party |
| ELO | Excise Liaison Office |
| EMCS | Excise Movement and Control System |
| ESS | EMCS System Specifications |
| FESS | Functional Excise System Specifications |
| IE | Information Exchange |
| MS | Member State |
| MSA | Member State Administration |
| N/A | Not Applicable |
| NEA | National Excise Applications |
| RFC | Request for Change |
| SEED | System for Exchange of Excise Data |
| TBD | To Be Determined |
| TESS | Technical Excise System Specifications |
| XML | eXtensible Mark-up Language |
| XSD | Directory With XML Schemas |

Table 3: Abbreviations and acronyms

## Definitions

Readers are referred to the EMCS Glossary of Terms [R01] for more detailed definitions of terms where necessary.

# Overview of Changes for this Release

| **Release** | **RFC** | **RFC Label** | **Category of Change** | **Status** | **Release Date** |
| --- | --- | --- | --- | --- | --- |
| v3.14 | DDNEA-P4-344 | Rewording of technical rule TR0104 | Review | Accepted | 19/05/2023 |
| v3.14 | DDNEA-P4-345 | Change in the multiplicity of data groups in the export - related IEs so that they are aligned with the AES | Review | Accepted | 19/05/2023 |

Table 4: Overview of Changes for this Release

# Change Requests

#### DDNEA-P4-344 – Rewording of technical rule TR0104

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RFC Information   |  |  | | --- | --- | | RFC number | DDNEA-P4-344 | | RFC status | Accepted | | Reason for Change | Specification Defect | | Incidents | IM588030 | | Known Error | KE23355 | | Date at which the Change was proposed | 03/04/2023 | | Requester | EMCS CPT | |
| **Change Assessment**   |  |  | | --- | --- | | Change priority | Medium | | Change Description | **Problem statement:**  As described in the related incident IM588030, the wording of TR0104 needs to be updated, because in its current version it is not aligned with Section “Design Principles - Exception Handling - Syntactic layer” of DDNEA for EMCS Phase 4 Main Document.  **Proposed solution:**  As per the analysis presented in the [Problem Statement] section, the description of ‘TR0104’ in Appendix D shall be updated as follows:  From:  “The HEADER Data Group is required for rejecting IE717, IE801, IE802, IE803, IE807, IE810, IE813, IE818, IE819, IE837, IE861, IE871, IE904, IE905 messages.  It must not be present for rejecting all other messages (refer to Section “Design Principles - Exception Handling - Syntactic layer” of DDNEA for EMCS Phase 4 Main Document).”  To:  “The HEADER Data Group is required for rejecting IE717, IE801, IE802, IE803, IE807, IE810, IE813, IE818, IE819, IE837, IE861, IE871, IE904, IE905 messages, except for the cases where the data item <Administrative Reference code> is syntactically invalid or missing in the afore-mentioned messages.  It must not be present for rejecting all other messages (refer to Section “Design Principles - Exception Handling - Syntactic layer” of DDNEA for EMCS Phase 4 Main Document).” | | Impact assessment | Specification Documents:   * DDNEA for EMCS Phase 4.1 (Low); * CTP for EMCS Phase 4.1 (None); * TRP for EMCS Phase 4.1 (Low).   CDEAs:   * Central SEED v1 application (None); * CTA (None); * CS/MISE (None).   NEAs:   * Impact on NEAs (None). | | Effect of not implementing the Change | If the proposed change is not implemented, the wording of the technical rule TR0104 shall not be aligned with the section “Design Principles - Exception Handling - Syntactic layer” of the DDNEA Main Document for EMCS, in which it is stated that “If the received message contains a syntactically invalid <Administrative Reference Code> Data Item or is missing, then the <HEADER> Data Group should not be present in the IE917 message (C\_XML\_NCK).” | | Risk assessment | This RFC concerns only a documentary modification of DDNEA Appendix D and therefore poses no business continuity risks. | | Deployment approach | The RFC can be deployed in a EMCS Phase 4.1 **Migration Period** with medium business continuity risks. | | Reference to other RFCs | * **Parent RFCs:** -; * **Children RFCs: -**; * **Other RFCs:** TRP-P4-076. | |
| **Indicative changes to legislation**   |  |  | | --- | --- | | Draft recital for information | N/A | | Location of change in Legislation | N/A | |
| **Approval Process**   |  |  | | --- | --- | | CAB recommendation | * Category of the Change: Review; * Approval process:   The Change is authorised for approval by the CAB. | | ECWP position | N/A | | Authorisation date and process | Written Approval procedure via e-mail on 16/05/2023. | |
| **Release information**   |  |  | | --- | --- | | Release number | v3.14 | | Release date | 19/05/2023 | | Deadline for alignment in Production | 13/02/2024 | |
| **Change Review**   |  |  | | --- | --- | | Review date | N/A | | Review results | N/A | |

#### DDNEA-P4-345 - Change in the multiplicity of data groups in the export - related IEs so that they are aligned with the AES

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RFC Information   |  |  | | --- | --- | | RFC number | DDNEA-P4-345 | | RFC status | Accepted | | Reason for Change | Specification Defect | | Incidents | IM590537 | | Known Error | KE23380 | | Date at which the Change was proposed | 21/04/2023 | | Requester | NA-LV | |
| **Change Assessment**   |  |  | | --- | --- | | Change priority | Medium | | Change Description | **Problem statement:**  The current RFC describes the changes that have to be done in DDNEA, to be in alignment with the parent RFC FESS-307. In the former, it is described that in three export-related IEs, namely ‘Notification of Accepted Export’ (IE829), ‘Export Declaration Invalidation Notification to MSA of Dispatch/Consignor’ (IE836) and ‘Customs Rejection of e-AD’ (IE839), the multiplicity of certain data groups concerning e-ADs as previous documents for Export declarations was erroneously 99x. The multiplicity shall be correctly updated to 999x, to be in alignment with the fact that the AES message ‘Export Declaration’ (IE515) can concern up to 999x e-ADs, as previous documents.  More specifically, for the ‘Notification of Accepted Export’ (IE829) message, it shall be modified so that up to 999x e-ADs can be depicted with the receipt of the related AES-P1 message ‘Export Declaration Acceptance notification to MSA of Export’ (IE539) or ‘Release for Export Notification to MSA of Export’ (IE535).  For the ‘Customs Rejection of e-AD’ (IE839) message, it shall be modified so that up to 999x e-ADs can be depicted with the receipt of the related AES-P1 message ‘e-AD Negative Cross-check Result’ (IE537) or the ‘Non-release for Export Notification to MSA of Export’ (IE534).  For the ‘Export Declaration Invalidation Notification to MSA of Dispatch/Consignor’ (IE836) it shall be modified so that up to 999x e-ADs can be depicted with the receipt of the related AES-P1 message ‘Invalidation notification of MSA of Export’ (IE536).  Τhis analysis has found inconsistency in IE536 as well for which the AES project team has been informed  **Proposed solution:**  As per the analysis presented in the [Problem Statement] section, the following updates shall be performed in the DDNEA specifications:  Appendix D: Technical Message Structure  The multiplicity of certain data groups of the IE829, IE836 and IE839 messages shall be changed from 99x to 999x.  More specifically:   * IE829 shall be changed from:   MESSAGE 1x R  ---HEADER 1x R  ---(CONSIGNEE) TRADER 1x R  ---EXCISE MOVEMENT E-AD 99x R  ---(EXPORT PLACE) CUSTOMS OFFICE 1x O  ---EXPORT DECLARATION ACCEPTANCE/RELEASE 1x R  to  MESSAGE 1x R  ---HEADER 1x R  ---(CONSIGNEE) TRADER 1x R  ---EXCISE MOVEMENT E-AD 999x R  ---(EXPORT PLACE) CUSTOMS OFFICE 1x O  ---EXPORT DECLARATION ACCEPTANCE/RELEASE 1x R   * IE836 shall be changed from:   MESSAGE 1x R  ---EXCISE MOVEMENT 99x R  ------EXPORT OPERATION 1x R  ------CUSTOMS OFFICE OF EXPORT 1x R  ------MSA OF EXPORT 1x R  ------GOODS SHIPMENT 1x R  ---------PREVIOUS DOCUMENT 99x O  to  MESSAGE 1x R  ---EXCISE MOVEMENT 999x R  ------EXPORT OPERATION 1x R  ------CUSTOMS OFFICE OF EXPORT 1x R  ------MSA OF EXPORT 1x R  ------GOODS SHIPMENT 1x R  ---------PREVIOUS DOCUMENT 999x O   * IE839 shall be changed from:   MESSAGE 1x R  ---HEADER 1x R  ---(CONSIGNEE) TRADER 1x R  ---(EXPORT PLACE) CUSTOMS OFFICE 1x O  ---REJECTION 1x R  ---EXPORT DECLARATION INFORMATION 1x D C117  ------NEGATIVE CROSS-CHECK VALIDATION RESULTS 99x D C212  ---------UBR CROSS-CHECK RESULT 999x R  ------------COMBINED NOMENCLATURE CODE CROSS-CHECK RESULT 1x D C213  ------------NET MASS CROSS-CHECK RESULT 1x D C213  ------N\_NON\_DES 1x D C212  ---C\_EAD\_VAL 99x D C212  ---N\_EAD\_SUB 1x D C212  to  MESSAGE 1x R  ---HEADER 1x R  ---(CONSIGNEE) TRADER 1x R  ---(EXPORT PLACE) CUSTOMS OFFICE 1x O  ---REJECTION 1x R  ---EXPORT DECLARATION INFORMATION 1x D C117  ------NEGATIVE CROSS-CHECK VALIDATION RESULTS 99x D C212  ---------UBR CROSS-CHECK RESULT 999x R  ------------COMBINED NOMENCLATURE CODE CROSS-CHECK RESULT 1x D C213  ------------NET MASS CROSS-CHECK RESULT 1x D C213  ------N\_NON\_DES 1x D C212  ---C\_EAD\_VAL 999x D C212  ---N\_EAD\_SUB 1x D C212  Appendix H: Directory with XML SCHEMAS (XSDS)  Appendix H shall be modified accordingly to reflect the aforementioned updates in Appendix D. | | Impact assessment | Specification Documents:   * DDNEA for EMCS Phase 4.1 (Low); * CTP for EMCS Phase 4.1 (Low); * TRP for EMCS Phase 4.1 (Low).   CDEAs:   * Central SEED v1 application (None); * CTA (None); * CS/MISE (None).   NEAs:   * Impact on NEAs (None). | | Effect of not implementing the Change | If the change is not implemented the messages IE829, IE836 and IE839 will not be in alignment with the AES messages, which may concern up to 999x e-ADs as previous documents for an Export declaration. | | Risk assessment | This RFCs concerns updates that can be considered part of the updates proposed in the RFC DDNEA-P4-325, therefore the same Risk assessment applies in this RFC.  This RFC will be implemented immediately in the corrective documentary release of DDNEA in May 2023. Due to the development phase the DDNEA version in the xsds will remain 3.13. | | Deployment approach | This RFC shall be simultaneously deployed by all MSAs during Migration Period due to the entailed business continuity risks. | | Reference to other RFCs | * **Parent RFCs:** FESS-307; * **Children RFCs: -**; * **Other RFCs:** CTP-P4-053, TRP-P4-077, DDNEA-P4-325. | |
| **Indicative changes to legislation**   |  |  | | --- | --- | | Draft recital for information | N/A | | Location of change in Legislation | N/A | |
| **Approval Process**   |  |  | | --- | --- | | CAB recommendation | * Category of the Change: Review; * Approval process:   The Change is authorised for approval by the CAB. | | ECWP position | N/A | | Authorisation date and process | Written Approval procedure via e-mail on 16/05/2023. | |
| **Release information**   |  |  | | --- | --- | | Release number | v3.14 | | Release date | 19/05/2023 | | Deadline for alignment in Production | 13/02/2024 | |
| **Change Review**   |  |  | | --- | --- | | Review date | N/A | | Review results | N/A | |

# Annexes

No annexes accompany the enlisted RFCs.

1. Action: I=Insert R=Replace [↑](#footnote-ref-2)