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| Logo of the European Commission | EUROPEAN COMMISSION  DIRECTORATE-GENERAL  TAXATION AND CUSTOMS UNION  Digital Delivery of Customs and Taxation Policies  **Taxation Systems & Digital Governance** |

Taxation and customs Union DG  
EMCS Computerisation Project  
Phase 4

DDNEA for EMCS Phase 4

Appendix A1: Full Message Scope

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| --- | --- |
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**Introduction**

This document presents the message scope. The logic behind the columns is the following:

| **Columns Name** | **Description** | **Possible Values** |
| --- | --- | --- |
| IE | The IE identifier as defined in the Scope Document. | IE+FESS Code |
| Name | The name of the IE as defined in the FESS Appendix D. | FESS IE Name |
| Reference | The reference of the IE as defined in the FESS Appendix D). IE starting with N\_ and C\_ are messages exchanged, respectively, in the ND and CD. | FESS IE Reference |
| Send | This column determines if the construction and the sending of the IE have to be processed.  The attribute is set to Yes (Y) if the application in question generates and sends a specific message to its communicating application, whereas it is set to No (N) when it does not. | Y, N |
| Receive | This column determines if the reception and the processing of the IE have to be implemented.  The attribute is set to Yes (Y) if the application in question must be able to receive and process a specific message, whereas it is set to No (N) when it must not. | Y, N |
| Domain | The communication Domain, ED, CD or ND, over which a specific message is being exchanged. | ED, CD, ND |
| MSA | The MSA attribute is used as an indication of whether the selection of the "Exchange Mechanism" and of the "EDI Format" is a national issue, in which case the attribute is set to Yes (Y), or the MSA is obliged to comply with a specific "Exchange Mechanism" and "EDI Format", in which case the attribute is set to No (N). A blank cell means that the message is not applicable to the application in question. | Y, N, blank |
| CCN/CSI | This attribute determines if the IE is exchanged via CCN/CSI.  An “M” means that the IE has to be exchanged via CCN/CSI. The CCN/CSI exchange mechanism is specified in the body of the Design Document for National Excise Applications (DDNEA). A blank cell means that the use of CCN/CSI is not an option. | M, blank |
| Email Based Interface | This attribute determines if the IE is exchanged using an e-mail based protocol, such as, Simple Mail Transfer Protocol (SMTP) and X400.  “M”, “R”, “SR” and “O” mean, respectively, that an e-mail based protocol is Mandatory, Recommended, Strongly Recommended or Optional. A blank cell means that the availability of an e-mail based interface is not an option. | M, R, SR, O, blank |
| Web Based Interface | This attribute determines if the IE is exchanged using the Web exchange mechanism specified in the DDNEA.  “M”, “R”, “SR” and “O” mean, respectively, that a Web exchange mechanism is Mandatory, Recommended, Strongly Recommended or Optional. A blank cell means that the IE exchange via Internet is not an option. | M, R, SR, O, blank |
| XML | This attribute determines if the IE has to be formatted according to XML. These IEs are specified in the DDNEA.  An “M” means that the MSA must implement the IE in XML, an “R” or an “SR” means that the MSA is Recommended or Strongly Recommended to implement the IE according to the XML format. A blank cell means that the XML format is not an option. | M, R, SR, blank |
| CCN/CSI | This column determines if the IE has to be formatted according to the CCN message internal structure.  An “M” means that the MSA must implement the IE via CCN/CSI, an “R” or a “SR” means that the MSA is Recommended or Strongly Recommended to implement the IE according to the CCN/CSI format. A blank cell means that the CCN message internal structure is not an option. | M, R, SR, blank |

**Notes**

The messages that are used in multiple domains are occupying more than one row in the Table 1 because they have different values not only in terms of the domain name but also in terms of the information regarding the format, the sending, the receiving and the exchange mechanism.

The columns "Send" and "Receive" determine if the construction/reception and the sending/reception of the IE have to be processed/implemented.

As some Information Exchanges are unidirectional only, this has been split over 2 columns.

* Exchanges as electronic (EDI) messages. This can be:
  + Exchanges for which the exchange mechanism (communication platform) has been defined beforehand. This can be either the CCN/CSI platform or the Inter(Extra)net;
* Exchanges, for which the exchange mechanism and platform needs to be defined and implemented by the MSA.

Concerning the Inter(Extra)net, it must be noted that currently the usage of the Internet is foreseen. As all Inter(Extra)net exchanges will be HTTP-based, it is possible to migrate these exchanges to any Extranet that is HTTP-compatible. A possibility would thus be to use the CCN platform for implementing such an Extranet. In that case, access to the Extranet can be provided to those MSAs that do not have a CCN gateway yet, via a remote connection to the CCN gateway of the European Commission, located at the EMCS-CO.

There can thus be three possible communication platforms for electronic exchanges: the CCN/CSI platform, the Inter(Extra)net, and a MS-specific platform. It should also be noted that Common Domain messages always must be implemented using either CCN/CSI or the Inter(Extra)net. For External and National Domain messages, the choice is left up to the MSA.

There are a number of exceptions to the rules mentioned above:

* All messages have only one (predefined) transport medium, except for the exchanges with the EMCS/NCTS CS/RD application. This concerns the IE701, IE713, IE714, IE734 messages. These messages can be exchanged via both the Web and CCN/CSI. The MSAs thus have the choice to use either the Inter(Extra)net for performing such exchanges, or to use the CCN/CSI platform. The EMCS/NCTS CS/RD application supports both types of communication. A MSA therefore only needs to support one type of communication with EMCS/NCTS CS/RD (CCN/CSI based, or Inter(Intra)net based).
* The next three columns specify in which format the electronic messages need to be exchanged:
  + XML format;
  + An (internal) CCN/CSI specific format (for CCN/CSI service messages only);
  + Web Based Interface.

Messages that are mandatory, and that are to be transported across CCN/CSI, should in principle always be provided in XML format, except for specific CCN/CSI service messages that are to be transported in a CCN/CSI internal format.

Messages that are mandatory and that are to be exchanged via the Inter(Extra)net or SOAP/HTTP, should in principle always be provided in XML format (an exception to this rule are the IE701, IE713, IE714 messages, that are provided in XML format across the Inter(Extra)net or SOAP/HTTP).

* Administrative Accompanying Document: The MSA must be able to print the Administrative Accompanying Document in the Office of Dispatch, in accordance with the legal obligation (in terms of content and paper format).
* Administrative Accompanying Document: The NEA must offer a screen to capture the ARC of the Administrative Accompanying Document at arrival.
* Administrative Accompanying Document: The paper layout is imposed by the EMCS legal base.

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| **In-Scope Messages Exchanged from/to NDEA** | | | | | | | | | | | |
| **IE** | **Name** | **Reference** | **Send** | **Receive** | **Domain** | **NDEA** | | | | | |
| **MSA** | **Exchange Mechanism** | | | **EDI Format** | |
| CCN/CSI | Email Based Interface | Web Based Interface | XML | CCN/CSI |
| **IE701** | **common request** | **C\_REQ\_SUB** | Y | Y | **CD** | N | M |  | O | M |  |
| **IE702** | **refusal of common request** | **C\_REQ\_REF** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE704** | **generic refusal message** | **N\_REJ\_DAT** | Y | N | **ED** | Y |  | R | SR | SR |  |
| **IE705** | **external request** | **E\_REQ\_SUB** | N | Y | **ED** | Y |  | R | SR | SR |  |
| **IE709** | **common system parameters** | **C\_PAR\_DAT** | N | Y | **ED** | Y |  | R | SR | SR |  |
| **IE713** | **incremental update or full register of economic operators** | **C\_QRO\_DAT** | Y | Y | **CD** | N | M |  | O | M |  |
| **IE714** | **refusal of update of economic operators** | **C\_QRO\_REF** | N | Y | **CD** | N | M |  | O | M |  |
| **IE717** | **control report** | **C\_CCR\_DAT** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE721** | **administrative cooperation common request** | **C\_COO\_SUB** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE721** | **administrative cooperation common request** | **C\_COO\_SUB** | Y | Y | **ND** | N | M |  |  | M |  |
| **IE722** | **movement verification request** | **C\_MVS\_SUB** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE722** | **movement verification request** | **C\_MVS\_SUB** | Y | Y | **ND** | N | M |  |  | M |  |
| **IE723** | **movement verification answer** | **C\_MVS\_ANS** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE723** | **movement verification answer** | **C\_MVS\_ANS** | Y | Y | **ND** | N | M |  |  | M |  |
| **IE724** | **reminder message for movement verification request** | **C\_MVS\_REM** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE724** | **reminder message for movement verification request** | **C\_MVS\_REM** | Y | Y | **ND** | N | M |  |  | M |  |
| **IE725** | **movement verification results** | **C\_MVS\_RES** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE725** | **movement verification results** | **C\_MVS\_RES** | Y | Y | **ND** | N | M |  |  | M |  |
| **IE733** | **external list of codes** | **E\_COD\_DAT** | N | Y | **ED** | Y |  | R | SR | SR |  |
| **IE734** | **reference data dissemination** | **C\_RDD\_REF** | N | Y | **CD** | N | M |  | O | M |  |
| **IE742** | **SEED statistics** | **C\_STA\_VAL** | N | Y | **CD** | N | M |  | O | M |  |
| **IE770** | **business process unavailability schedule** | **C\_AVA\_DAT** | Y | Y | **CD** | N | M |  | O | M | M |
| **IE801** | **e-AD/e-SAD** | **C\_EAD\_VAL** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE801** | **e-AD/e-SAD** | **C\_EAD\_VAL** | Y | N | **ED** | Y |  | R | SR | SR |  |
| **IE802** | **reminder message for Excise movement** | **C\_EXC\_REM** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE802** | **reminder message for Excise movement** | **C\_EXC\_REM** | Y | N | **ED** | Y |  | R | SR | SR |  |
| **IE803** | **notification of diverted e-AD/e-SAD** | **C\_EAD\_NOT** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE803** | **notification of diverted e-AD/e-SAD** | **C\_EAD\_NOT** | Y | N | **ED** | Y |  | R | SR | SR |  |
| **IE807** | **interruption of movement** | **C\_STP\_NOT** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE807** | **interruption of movement** | **C\_STP\_NOT** | Y | Y | **ED** | N | M |  |  | M |  |
| **IE810** | **cancellation of e-AD** | **C\_CAN\_DAT** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE810** | **cancellation of e-AD** | **C\_CAN\_DAT** | Y | Y | **ED** | Y |  | R | SR | SR |  |
| **IE813** | **change of destination** | **C\_UPD\_DAT** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE813** | **change of destination** | **C\_UPD\_DAT** | Y | Y | **ED** | Y |  | R | SR | SR |  |
| **IE815** | **submitted draft of e-AD/e-SAD** | **N\_EAD\_SUB** | N | Y | **ED** | Y |  | R | SR | SR |  |
| **IE818** | **accepted or rejected report of receipt/export** | **C\_DEL\_DAT** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE818** | **accepted or rejected report of receipt/export** | **C\_DEL\_DAT** | Y | Y | **ED** | Y |  | R | SR | SR |  |
| **IE819** | **alert or rejection of an e-AD/e-SAD** | **C\_REJ\_DAT** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE819** | **alert or rejection of an e-AD/e-SAD** | **C\_REJ\_DAT** | Y | N | **ED** | Y |  | R | SR | SR |  |
| **IE821** | **list of e-AD/e-SAD as result of a general query** | **C\_LST\_VAL** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE825** | **submitted draft of splitting operation** | **E\_SPL\_SUB** | N | Y | **ED** | Y |  | R | SR | SR |  |
| **IE829** | **notification of accepted export** | **C\_EXP\_NOT** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE829** | **notification of accepted export** | **C\_EXP\_NOT** | Y | N | **ED** | Y |  |  | SR | SR |  |
| **IE829** | **notification of accepted export** | **C\_EXP\_NOT** | Y | N | **ND** | Y |  |  |  | SR |  |
| **IE837** | **explanation on delay for delivery** | **C\_DEL\_EXP** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE837** | **explanation on delay for delivery** | **C\_DEL\_EXP** | N | Y | **ED** | Y |  | R | SR | SR |  |
| **IE839** | **Customs Rejection of e-AD** | **C\_CUS\_REJ** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE839** | **Customs Rejection of e-AD** | **C\_CUS\_REJ** | Y | N | **ED** | Y |  |  | SR | SR |  |
| **IE839** | **Customs Rejection of e-AD** | **C\_CUS\_REJ** | Y | N | **ND** | Y |  |  |  | SR |  |
| **IE840** | **event report** | **C\_EVT\_DAT** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE840** | **event report** | **C\_EVT\_DAT** | Y | Y | **ED** | N | M |  |  | M |  |
| **IE861** | **basis for recovery of duties** | **C\_RES\_DAT** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE867** | **administrative cooperation results** | **C\_COO\_RES** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE867** | **administrative cooperation results** | **C\_COO\_RES** | Y | Y | **ND** | N | M |  |  | M |  |
| **IE868** | **answer message** | **C\_COO\_ANS** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE868** | **answer message** | **C\_COO\_ANS** | Y | Y | **ND** | N | M |  |  | M |  |
| **IE869** | **reminder message for administrative cooperation** | **C\_COO\_REM** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE869** | **reminder message for administrative cooperation** | **C\_COO\_REM** | Y | Y | **ND** | N | M |  |  | M |  |
| **IE871** | **explanation on reason for shortage** | **C\_SHR\_EXP** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE871** | **explanation on reason for shortage** | **C\_SHR\_EXP** | N | Y | **ED** | Y |  | R | SR | SR |  |
| **IE880** | **manual closure request** | **C\_MNC\_SUB** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE881** | **manual closure response** | **C\_MNC\_RES** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE881** | **manual closure response** | **C\_MNC\_RES** | Y | Y | **ED** | N | M |  |  | M |  |
| **IE904** | **status request** | **C\_STD\_REQ** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE905** | **status response** | **C\_STD\_RSP** | Y | Y | **CD** | N | M |  |  | M |  |
| **IE906** | **functional NACK** | **C\_FUN\_NCK** | Y | Y | **CD** | N | M |  | O | M |  |
| **IE917** | **negative acknowledgement of XML receipt** | **C\_XML\_NAC** | Y | Y | **CD** | N | M |  | O | M |  |
| **IE917** | **negative acknowledgement of XML receipt** | **C\_XML\_NAC** | Y | N | **ED** | Y |  | R | SR | SR |  |
| **IE934** | **data packaging** | **C\_PAC\_DAT** | Y | Y | **CD** | N | M |  |  | M |  |
| **Infrastructure (CCN/CSI) Messages** | | | | | | | | | | | |
| **IE908** | **confirm on delivery acknowledgement** | **C\_COD\_ACK** | Y | Y | **CD** | N | M |  |  |  | M |
| **IE909** | **confirm on arrival acknowledgement** | **C\_COA\_ACK** | Y | Y | **CD** | N | M |  |  |  | M |
| **IE910** | **expiration notification** | **C\_EXP\_NOT** | Y | Y | **CD** | N | M |  |  |  | M |
| **IE911** | **exception notification** | **C\_EXC\_NOT** | Y | Y | **CD** | N | M |  |  |  | M |

**Table 1: In-scope Message Exchanges**

*\* The IE839 and IE829 messages were “Optional” to implement during Migration Period 1 (MP1), when the export cases were possible to implement only at national level.*

*\* Both of these messages become “Mandatory” to implement on Milestone c (Mc), since during Migration Period 2 (MP2) it is also possible to exchange information related to exporting e-AADs over the Common Domain.*