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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------|
| <b>Owner:</b><br><b>DG TAXUD</b>                                                                                                                                                                                           | <b>Issue Date:</b><br><b>01/12/2023</b> | <b>Release:</b><br><b>5.15.2</b> |
| <p><b>TAXATION AND CUSTOMS UNION DG</b></p> <p><b>SOFT-DEV - FC TAXUD/2021/CC/162 - SC 06</b></p> <p><b>SUBJECT:</b></p> <p><b>DDNTA for NCTS P5</b></p> <p><b>Appendix R: XML Mapping</b></p> <p><b>(DDNTA_APP_R)</b></p> |                                         |                                  |
| <p><b>FRAMEWORK CONTRACT TAXUD/2021/CC/162</b></p> <p><b>SPECIFIC CONTRACT 06</b></p>                                                                                                                                      |                                         |                                  |

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|-----------------------------------|------------------------------|
| DDNTA for NCTS P5. Release 5.15.2 | Aligned to DDNTA RFC-List.39 |
| REF:DDNTA_APP_R                   |                              |
| Appendix R: XML Mapping           |                              |
| 1. Introduction                   |                              |

## 1. Introduction

This Appendix R of the DDNA presents the XML-tags for all the Data Items and Data Groups used. The naming of the XML tags follows this naming convention:

- For the Data Items:

IF the string is an acronym  
THEN Upper Case all letters  
ELSE use camelCase format

Example: MRN -> MRN

Export MRN -> ExportMRN

Declaration date -> declarationDate

Presentation notification rejection date -> presentationNotificationRejectionDate

- For the Data Groups:

IF the string is an acronym  
THEN Upper Case all letters  
ELSE use PascalCase format

Example: GPS -> GPS

TRANSPORT EQUIPMENT -> TransportEquipment

ADDITIONAL SUPPLY CHAIN ACTOR -> AdditionalSupplyChainActor

CUSTOMS OFFICE OF RECOVERY AT DEPARTURE -> CustomsOfficeOfRecoveryAtDeparture

## DDNA RFC-List Alignment

The specific Appendix is aligned to DDNTA RFC-List.39

|                                   |                              |
|-----------------------------------|------------------------------|
| DDNTA for NCTS P5. Release 5.15.2 | Aligned to DDNTA RFC-List.39 |
| REF:DDNTA_APP_R                   |                              |
| Appendix R: XML Mapping           |                              |
| 2. Data Groups                    |                              |

## 2. Data Groups

| Data-group or Data-item                                               | Data type | XML-Tag                              |
|-----------------------------------------------------------------------|-----------|--------------------------------------|
| MESSAGE                                                               |           | CDxxxA                               |
| MESSAGE.Message sender                                                | an..35    | messageSender                        |
| MESSAGE.Message recipient                                             | an..35    | messageRecipient                     |
| MESSAGE.Preparation date and time                                     | an19      | preparationDateAndTime               |
| MESSAGE.Message identification                                        | an..35    | messageIdentification                |
| MESSAGE.Message type                                                  | an6       | messageType                          |
| MESSAGE.Correlation identifier                                        | an..35    | correlationIdentifier                |
| MESSAGE - HEADER                                                      |           | Header                               |
| MESSAGE - HEADER.LRN                                                  | an..22    | LRN                                  |
| MESSAGE - HEADER.MRN                                                  | an18      | MRN                                  |
| MESSAGE - HEADER.LRN                                                  | an..35    | LRN                                  |
| MESSAGE - HEADER.MRN                                                  | an..35    | MRN                                  |
| MESSAGE - HEADER.Status                                               | an3       | status                               |
| MESSAGE - TRANSIT OPERATION                                           |           | TransitOperation                     |
| MESSAGE - TRANSIT OPERATION.AES communication purpose                 | n1        | AESCommunicationPurpose              |
| MESSAGE - TRANSIT OPERATION.LRN                                       | an..22    | LRN                                  |
| MESSAGE - TRANSIT OPERATION.MRN                                       | an18      | MRN                                  |
| MESSAGE - TRANSIT OPERATION.Arrival date and time (actual)            | an19      | arrivalDateAndTimeActual             |
| MESSAGE - TRANSIT OPERATION.Declaration type                          | an..5     | declarationType                      |
| MESSAGE - TRANSIT OPERATION.Additional declaration type               | a1        | additionalDeclarationType            |
| MESSAGE - TRANSIT OPERATION.TIR Carnet number                         | an..12    | TIRCarnetNumber                      |
| MESSAGE - TRANSIT OPERATION.Declaration submission date and time      | an19      | declarationSubmissionDateAndTime     |
| MESSAGE - TRANSIT OPERATION.Declaration acceptance date               | an10      | declarationAcceptanceDate            |
| MESSAGE - TRANSIT OPERATION.Release date                              | an10      | releaseDate                          |
| MESSAGE - TRANSIT OPERATION.Presentation of the goods date and time   | an19      | presentationOfTheGoodsDateAndTime    |
| MESSAGE - TRANSIT OPERATION.Security                                  | n1        | security                             |
| MESSAGE - TRANSIT OPERATION.Reduced dataset indicator                 | n1        | reducedDatasetIndicator              |
| MESSAGE - TRANSIT OPERATION.Specific circumstance indicator           | an3       | specificCircumstanceIndicator        |
| MESSAGE - TRANSIT OPERATION.Arrival notification date and time        | an19      | arrivalNotificationDateAndTime       |
| MESSAGE - TRANSIT OPERATION.Simplified procedure                      | n1        | simplifiedProcedure                  |
| MESSAGE - TRANSIT OPERATION.Communication language at departure       | a2        | communicationLanguageAtDeparture     |
| MESSAGE - TRANSIT OPERATION.Binding itinerary                         | n1        | bindingItinerary                     |
| MESSAGE - TRANSIT OPERATION.Release requested                         | n1        | releaseRequested                     |
| MESSAGE - TRANSIT OPERATION.Release request date and time             | an19      | releaseRequestDateAndTime            |
| MESSAGE - TRANSIT OPERATION.Other things to report                    | an..512   | otherThingsToReport                  |
| MESSAGE - TRANSIT OPERATION.Amendment submission date and time        | an19      | amendmentSubmissionDateAndTime       |
| MESSAGE - TRANSIT OPERATION.Amendment acceptance date and time        | an19      | amendmentAcceptanceDateAndTime       |
| MESSAGE - TRANSIT OPERATION.Discrepancies notification date           | an10      | discrepanciesNotificationDate        |
| MESSAGE - TRANSIT OPERATION.Discrepancies notification text           | an..512   | discrepanciesNotificationText        |
| MESSAGE - TRANSIT OPERATION.Request rejection reason code             | n..2      | requestRejectionReasonCode           |
| MESSAGE - TRANSIT OPERATION.Discrepancies resolved                    | an1       | discrepanciesResolved                |
| MESSAGE - TRANSIT OPERATION.Write-off date                            | an10      | writeOffDate                         |
| MESSAGE - TRANSIT OPERATION.Cancel enquiry notification date and time | an19      | cancelEnquiryNotificationDateAndTime |
| MESSAGE - TRANSIT OPERATION.Cancel enquiry notification text          | an..512   | cancelEnquiryNotificationText        |
| MESSAGE - TRANSIT OPERATION.Control notification date and time        | an19      | controlNotificationDateAndTime       |
| MESSAGE - TRANSIT OPERATION.Request on non-arrived movement date      | an10      | requestOnNonArrivedMovementDate      |
| MESSAGE - TRANSIT OPERATION.Recovery communication date               | an10      | recoveryCommunicationDate            |
| MESSAGE - TRANSIT OPERATION.Incident notification date and time       | an19      | incidentNotificationDateAndTime      |
| MESSAGE - TRANSIT OPERATION.Limit for response date                   | an10      | limitForResponseDate                 |

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| DDNTA for NCTS P5. Release 5.15.2 | Aligned to DDNTA RFC-List.39 |
| REF:DDNTA_APP_R                   |                              |
| Appendix R: XML Mapping           |                              |
| 2. Data Groups                    |                              |

| Data-group or Data-item                                                   | Data type | XML-Tag                            |
|---------------------------------------------------------------------------|-----------|------------------------------------|
| MESSAGE - TRANSIT OPERATION.Status                                        | an3       | status                             |
| MESSAGE - TRANSIT OPERATION.Usage cancellation date                       | an10      | usageCancellationDate              |
| MESSAGE - TRANSIT OPERATION.Amendment notification date and time          | an19      | amendmentNotificationDateAndTime   |
| MESSAGE - TRANSIT OPERATION.Incident flag                                 | n1        | incidentFlag                       |
| MESSAGE - TRANSIT OPERATION.Business rejection type                       | an3       | businessRejectionType              |
| MESSAGE - TRANSIT OPERATION.Rejection date and time                       | an19      | rejectionDateAndTime               |
| MESSAGE - TRANSIT OPERATION.Rejection code                                | n..2      | rejectionCode                      |
| MESSAGE - TRANSIT OPERATION.Rejection reason                              | an..512   | rejectionReason                    |
| MESSAGE - TRANSIT OPERATION.Amendment type flag                           | n1        | amendmentTypeFlag                  |
| MESSAGE - TRANSIT OPERATION - EXPORT OPERATION                            |           | ExportOperation                    |
| MESSAGE - TRANSIT OPERATION - EXPORT OPERATION.Sequence number            | n..5      | sequenceNumber                     |
| MESSAGE - TRANSIT OPERATION - EXPORT OPERATION.MRN                        | an18      | MRN                                |
| MESSAGE - TRANSIT OPERATION - EXPORT OPERATION.Transit procedure category | n1        | transitProcedureCategory           |
| MESSAGE - TRANSIT OPERATION.Notification type                             | n1        | notificationType                   |
| MESSAGE - TRANSIT OPERATION.No release motivation code                    | an2       | noReleaseMotivationCode            |
| MESSAGE - TRANSIT OPERATION.No release motivation text                    | an..512   | noReleaseMotivationText            |
| MESSAGE - TRANSIT OPERATION.Passage date                                  | an10      | passageDate                        |
| MESSAGE - TRANSIT OPERATION.Limit date                                    | an10      | limitDate                          |
| MESSAGE - TRANSIT OPERATION.Release indicator                             | n1        | releaseIndicator                   |
| MESSAGE - EXPORT OPERATION                                                |           | ExportOperation                    |
| MESSAGE - EXPORT OPERATION.Sequence number                                | n..5      | sequenceNumber                     |
| MESSAGE - EXPORT OPERATION.MRN                                            | an18      | MRN                                |
| MESSAGE - EXPORT OPERATION - CONTROL RESULT                               |           | ControlResult                      |
| MESSAGE - EXPORT OPERATION - CONTROL RESULT.Code                          | an2       | code                               |
| MESSAGE - EXPORT OPERATION - CONTROL RESULT.Date                          | an10      | date                               |
| MESSAGE - INVALIDATION                                                    |           | Invalidation                       |
| MESSAGE - INVALIDATION.Request date and time                              | an19      | requestDateAndTime                 |
| MESSAGE - INVALIDATION.Decision date and time                             | an19      | decisionDateAndTime                |
| MESSAGE - INVALIDATION.Decision                                           | n1        | decision                           |
| MESSAGE - INVALIDATION.Initiated by customs                               | n1        | initiatedByCustoms                 |
| MESSAGE - INVALIDATION.Justification                                      | an..512   | justification                      |
| MESSAGE - CUSTOMS OFFICE OF EXIT                                          |           | CustomsOfficeOfExit                |
| MESSAGE - CUSTOMS OFFICE OF EXIT.Reference number                         | an8       | referenceNumber                    |
| MESSAGE - RECOVERY NOTIFICATION                                           |           | RecoveryNotification               |
| MESSAGE - RECOVERY NOTIFICATION.Recovery notification date                | an10      | recoveryNotificationDate           |
| MESSAGE - RECOVERY NOTIFICATION.Recovery notification text                | an..512   | recoveryNotificationText           |
| MESSAGE - RECOVERY NOTIFICATION.Amount claimed                            | n..16,2   | amountClaimed                      |
| MESSAGE - RECOVERY NOTIFICATION.Currency                                  | a3        | currency                           |
| MESSAGE - AUTHORISATION                                                   |           | Authorisation                      |
| MESSAGE - AUTHORISATION.Sequence number                                   | n..5      | sequenceNumber                     |
| MESSAGE - AUTHORISATION.Type                                              | an..4     | type                               |
| MESSAGE - AUTHORISATION.Reference number                                  | an..35    | referenceNumber                    |
| MESSAGE - CUSTOMS OFFICE OF DEPARTURE                                     |           | CustomsOfficeOfDeparture           |
| MESSAGE - CUSTOMS OFFICE OF DEPARTURE.Reference number                    | an8       | referenceNumber                    |
| MESSAGE - CUSTOMS OFFICE OF DESTINATION                                   |           | CustomsOfficeOfDestination         |
| MESSAGE - CUSTOMS OFFICE OF DESTINATION.Reference number                  | an8       | referenceNumber                    |
| MESSAGE - CUSTOMS OFFICE OF DESTINATION (DECLARED)                        |           | CustomsOfficeOfDestinationDeclared |
| MESSAGE - CUSTOMS OFFICE OF DESTINATION (DECLARED).Reference number       | an8       | referenceNumber                    |
| MESSAGE - CUSTOMS OFFICE OF DESTINATION (ACTUAL)                          |           | CustomsOfficeOfDestinationActual   |
| MESSAGE - CUSTOMS OFFICE OF DESTINATION (ACTUAL).Reference number         | an8       | referenceNumber                    |
| MESSAGE - CUSTOMS OFFICE OF DESTINATION                                   |           | CustomsOfficeOfDestination         |
| MESSAGE - CUSTOMS OFFICE OF DESTINATION.Reference number                  | an8       | referenceNumber                    |
| MESSAGE - CUSTOMS OFFICE OF TRANSIT                                       |           | CustomsOfficeOfTransit             |

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| DDNTA for NCTS P5. Release 5.15.2 | Aligned to DDNTA RFC-List.39 |
| REF:DDNTA_APP_R                   |                              |
| Appendix R: XML Mapping           |                              |
| 2. Data Groups                    |                              |

| Data-group or Data-item                                                          | Data type | XML-Tag                               |
|----------------------------------------------------------------------------------|-----------|---------------------------------------|
| MESSAGE - CUSTOMS OFFICE OF TRANSIT.Reference number                             | an8       | referenceNumber                       |
| MESSAGE - CUSTOMS OFFICE OF TRANSIT (DECLARED)                                   |           | CustomsOfficeOfTransitDeclared        |
| MESSAGE - CUSTOMS OFFICE OF TRANSIT (DECLARED).Sequence number                   | n..5      | sequenceNumber                        |
| MESSAGE - CUSTOMS OFFICE OF TRANSIT (DECLARED).Reference number                  | an8       | referenceNumber                       |
| MESSAGE - CUSTOMS OFFICE OF TRANSIT (DECLARED).Arrival date and time (estimated) | an19      | arrivalDateAndTimeEstimated           |
| MESSAGE - CUSTOMS OFFICE OF TRANSIT (ACTUAL)                                     |           | CustomsOfficeOfTransitActual          |
| MESSAGE - CUSTOMS OFFICE OF TRANSIT (ACTUAL).Sequence number                     | n..5      | sequenceNumber                        |
| MESSAGE - CUSTOMS OFFICE OF TRANSIT (ACTUAL).Reference number                    | an8       | referenceNumber                       |
| MESSAGE - CUSTOMS OFFICE OF TRANSIT (ACTUAL).Guarantee not valid for country     | n1        | guaranteeNotValidForCountry           |
| MESSAGE - CUSTOMS OFFICE OF EXIT FOR TRANSIT                                     |           | CustomsOfficeOfExitForTransit         |
| MESSAGE - CUSTOMS OFFICE OF EXIT FOR TRANSIT.Reference number                    | an8       | referenceNumber                       |
| MESSAGE - CUSTOMS OFFICE OF EXIT FOR TRANSIT (DECLARED)                          |           | CustomsOfficeOfExitForTransitDeclared |
| MESSAGE - CUSTOMS OFFICE OF EXIT FOR TRANSIT (DECLARED).Sequence number          | n..5      | sequenceNumber                        |
| MESSAGE - CUSTOMS OFFICE OF EXIT FOR TRANSIT (DECLARED).Reference number         | an8       | referenceNumber                       |
| MESSAGE - CUSTOMS OFFICE OF EXIT FOR TRANSIT (ACTUAL)                            |           | CustomsOfficeOfExitForTransitActual   |
| MESSAGE - CUSTOMS OFFICE OF EXIT FOR TRANSIT (ACTUAL).Sequence number            | n..5      | sequenceNumber                        |
| MESSAGE - CUSTOMS OFFICE OF EXIT FOR TRANSIT (ACTUAL).Reference number           | an8       | referenceNumber                       |
| MESSAGE - CUSTOMS OFFICE OF INCIDENT REGISTRATION                                |           | CustomsOfficeOfIncidentRegistration   |
| MESSAGE - CUSTOMS OFFICE OF INCIDENT REGISTRATION.Sequence number                | n..5      | sequenceNumber                        |
| MESSAGE - CUSTOMS OFFICE OF INCIDENT REGISTRATION.Reference number               | an8       | referenceNumber                       |
| MESSAGE - CUSTOMS OFFICE OF RECOVERY REQUESTING                                  |           | CustomsOfficeOfRecoveryRequesting     |
| MESSAGE - CUSTOMS OFFICE OF RECOVERY REQUESTING.Reference number                 | an8       | referenceNumber                       |
| MESSAGE - CUSTOMS OFFICE OF RECOVERY REQUESTING - CONTACT PERSON                 |           | ContactPerson                         |
| MESSAGE - CUSTOMS OFFICE OF RECOVERY REQUESTING - CONTACT PERSON.Name            | an..70    | name                                  |
| MESSAGE - CUSTOMS OFFICE OF RECOVERY REQUESTING - CONTACT PERSON.Phone number    | an..35    | phoneNumber                           |
| MESSAGE - CUSTOMS OFFICE OF RECOVERY REQUESTING - CONTACT PERSON.E-mail address  | an..256   | eMailAddress                          |
| MESSAGE - CUSTOMS OFFICE OF RECOVERY REQUESTED                                   |           | CustomsOfficeOfRecoveryRequested      |
| MESSAGE - CUSTOMS OFFICE OF RECOVERY REQUESTED.Reference number                  | an8       | referenceNumber                       |
| MESSAGE - CUSTOMS OFFICE OF RECOVERY REQUESTED - CONTACT PERSON                  |           | ContactPerson                         |
| MESSAGE - CUSTOMS OFFICE OF RECOVERY REQUESTED - CONTACT PERSON.Name             | an..70    | name                                  |
| MESSAGE - CUSTOMS OFFICE OF RECOVERY REQUESTED - CONTACT PERSON.Phone number     | an..35    | phoneNumber                           |
| MESSAGE - CUSTOMS OFFICE OF RECOVERY REQUESTED - CONTACT PERSON.E-mail address   | an..256   | eMailAddress                          |
| MESSAGE - CUSTOMS OFFICE OF RECOVERY AT DEPARTURE                                |           | CustomsOfficeOfRecoveryAtDeparture    |
| MESSAGE - CUSTOMS OFFICE OF RECOVERY AT DEPARTURE.Reference number               | an8       | referenceNumber                       |
| MESSAGE - CUSTOMS OFFICE OF RECOVERY AT DEPARTURE - CONTACT PERSON               |           | ContactPerson                         |
| MESSAGE - CUSTOMS OFFICE OF RECOVERY AT DEPARTURE - CONTACT PERSON.Name          | an..70    | name                                  |

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| Appendix R: XML Mapping           |                              |
| 2. Data Groups                    |                              |

| Data-group or Data-item                                                           | Data type | XML-Tag                             |
|-----------------------------------------------------------------------------------|-----------|-------------------------------------|
| MESSAGE - CUSTOMS OFFICE OF RECOVERY AT DEPARTURE - CONTACT PERSON.Phone number   | an..35    | phoneNumber                         |
| MESSAGE - CUSTOMS OFFICE OF RECOVERY AT DEPARTURE - CONTACT PERSON.E-mail address | an..256   | eMailAddress                        |
| MESSAGE - CUSTOMS OFFICE OF RECOVERY                                              |           | CustomsOfficeOfRecovery             |
| MESSAGE - CUSTOMS OFFICE OF RECOVERY.Reference number                             | an8       | referenceNumber                     |
| MESSAGE - CUSTOMS OFFICE OF REQUEST                                               |           | CustomsOfficeOfRequest              |
| MESSAGE - CUSTOMS OFFICE OF REQUEST.Reference number                              | an8       | referenceNumber                     |
| MESSAGE - CUSTOMS OFFICE OF REQUEST - CONTACT PERSON                              |           | ContactPerson                       |
| MESSAGE - CUSTOMS OFFICE OF REQUEST - CONTACT PERSON.Name                         | an..70    | name                                |
| MESSAGE - CUSTOMS OFFICE OF REQUEST - CONTACT PERSON.Phone number                 | an..35    | phoneNumber                         |
| MESSAGE - CUSTOMS OFFICE OF REQUEST - CONTACT PERSON.E-mail address               | an..256   | eMailAddress                        |
| MESSAGE - CUSTOMS OFFICE OF ENQUIRY AT DEPARTURE                                  |           | CustomsOfficeOfEnquiryAtDeparture   |
| MESSAGE - CUSTOMS OFFICE OF ENQUIRY AT DEPARTURE.Reference number                 | an8       | referenceNumber                     |
| MESSAGE - CUSTOMS OFFICE OF ENQUIRY AT DEPARTURE - CONTACT PERSON                 |           | ContactPerson                       |
| MESSAGE - CUSTOMS OFFICE OF ENQUIRY AT DEPARTURE - CONTACT PERSON.Name            | an..70    | name                                |
| MESSAGE - CUSTOMS OFFICE OF ENQUIRY AT DEPARTURE - CONTACT PERSON.Phone number    | an..35    | phoneNumber                         |
| MESSAGE - CUSTOMS OFFICE OF ENQUIRY AT DEPARTURE - CONTACT PERSON.E-mail address  | an..256   | eMailAddress                        |
| MESSAGE - COMPETENT CUSTOMS OFFICE AT DEPARTURE                                   |           | CompetentCustomsOfficeAtDeparture   |
| MESSAGE - COMPETENT CUSTOMS OFFICE AT DEPARTURE.Reference number                  | an8       | referenceNumber                     |
| MESSAGE - COMPETENT CUSTOMS OFFICE AT DEPARTURE - CONTACT PERSON                  |           | ContactPerson                       |
| MESSAGE - COMPETENT CUSTOMS OFFICE AT DEPARTURE - CONTACT PERSON.Name             | an..70    | name                                |
| MESSAGE - COMPETENT CUSTOMS OFFICE AT DEPARTURE - CONTACT PERSON.Phone number     | an..35    | phoneNumber                         |
| MESSAGE - COMPETENT CUSTOMS OFFICE AT DEPARTURE - CONTACT PERSON.E-mail address   | an..256   | eMailAddress                        |
| MESSAGE - COMPETENT CUSTOMS OFFICE AT DESTINATION                                 |           | CompetentCustomsOfficeAtDestination |
| MESSAGE - COMPETENT CUSTOMS OFFICE AT DESTINATION.Reference number                | an8       | referenceNumber                     |
| MESSAGE - COMPETENT CUSTOMS OFFICE AT DESTINATION - CONTACT PERSON                |           | ContactPerson                       |
| MESSAGE - COMPETENT CUSTOMS OFFICE AT DESTINATION - CONTACT PERSON.Name           | an..70    | name                                |
| MESSAGE - COMPETENT CUSTOMS OFFICE AT DESTINATION - CONTACT PERSON.Phone number   | an..35    | phoneNumber                         |
| MESSAGE - COMPETENT CUSTOMS OFFICE AT DESTINATION - CONTACT PERSON.E-mail address | an..256   | eMailAddress                        |
| MESSAGE - HOLDER OF THE TRANSIT PROCEDURE                                         |           | HolderOfTheTransitProcedure         |
| MESSAGE - HOLDER OF THE TRANSIT PROCEDURE.Identification number                   | an..17    | identificationNumber                |
| MESSAGE - HOLDER OF THE TRANSIT PROCEDURE.TIR holder identification number        | an..17    | TIRHolderIdentificationNumber       |
| MESSAGE - HOLDER OF THE TRANSIT PROCEDURE.Name                                    | an..70    | name                                |
| MESSAGE - HOLDER OF THE TRANSIT PROCEDURE - ADDRESS                               |           | Address                             |
| MESSAGE - HOLDER OF THE TRANSIT PROCEDURE - ADDRESS.Street and number             | an..70    | streetAndNumber                     |
| MESSAGE - HOLDER OF THE TRANSIT PROCEDURE - ADDRESS.Postcode                      | an..17    | postcode                            |
| MESSAGE - HOLDER OF THE TRANSIT PROCEDURE - ADDRESS.City                          | an..35    | city                                |
| MESSAGE - HOLDER OF THE TRANSIT PROCEDURE - ADDRESS.Country                       | a2        | country                             |
| MESSAGE - HOLDER OF THE TRANSIT PROCEDURE - CONTACT PERSON                        |           | ContactPerson                       |
| MESSAGE - HOLDER OF THE TRANSIT PROCEDURE - CONTACT PERSON.Name                   | an..70    | name                                |

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| 2. Data Groups                    |                              |

| Data-group or Data-item                                                                  | Data type | XML-Tag                            |
|------------------------------------------------------------------------------------------|-----------|------------------------------------|
| MESSAGE - HOLDER OF THE TRANSIT PROCEDURE - CONTACT PERSON.Phone number                  | an..35    | phoneNumber                        |
| MESSAGE - HOLDER OF THE TRANSIT PROCEDURE - CONTACT PERSON.E-mail address                | an..256   | eMailAddress                       |
| MESSAGE - RECOVERY                                                                       |           | Recovery                           |
| MESSAGE - RECOVERY.Recovery acceptance                                                   | n1        | recoveryAcceptance                 |
| MESSAGE - RECOVERY.Recovery communication date                                           | an10      | recoveryCommunicationDate          |
| MESSAGE - RECOVERY.Collection date                                                       | an10      | collectionDate                     |
| MESSAGE - RECOVERY.Text                                                                  | an..512   | text                               |
| MESSAGE - GUARANTOR                                                                      |           | Guarantor                          |
| MESSAGE - GUARANTOR.Identification number                                                | an..17    | identificationNumber               |
| MESSAGE - GUARANTOR.Name                                                                 | an..70    | name                               |
| MESSAGE - GUARANTOR - ADDRESS                                                            |           | Address                            |
| MESSAGE - GUARANTOR - ADDRESS.Street and number                                          | an..70    | streetAndNumber                    |
| MESSAGE - GUARANTOR - ADDRESS.Postcode                                                   | an..17    | postcode                           |
| MESSAGE - GUARANTOR - ADDRESS.City                                                       | an..35    | city                               |
| MESSAGE - GUARANTOR - ADDRESS.Country                                                    | a2        | country                            |
| MESSAGE - REPRESENTATIVE                                                                 |           | Representative                     |
| MESSAGE - REPRESENTATIVE.Identification number                                           | an..17    | identificationNumber               |
| MESSAGE - REPRESENTATIVE.Status                                                          | n1        | status                             |
| MESSAGE - REPRESENTATIVE - CONTACT PERSON                                                |           | ContactPerson                      |
| MESSAGE - REPRESENTATIVE - CONTACT PERSON.Name                                           | an..70    | name                               |
| MESSAGE - REPRESENTATIVE - CONTACT PERSON.Phone number                                   | an..35    | phoneNumber                        |
| MESSAGE - REPRESENTATIVE - CONTACT PERSON.E-mail address                                 | an..256   | eMailAddress                       |
| MESSAGE - TRADER AT DESTINATION                                                          |           | TraderAtDestination                |
| MESSAGE - TRADER AT DESTINATION.Identification number                                    | an..17    | identificationNumber               |
| MESSAGE - TRADER AT DESTINATION.Communication language at destination                    | a2        | communicationLanguageAtDestination |
| MESSAGE - REQUESTER                                                                      |           | Requester                          |
| MESSAGE - REQUESTER.Identification number                                                | an..17    | identificationNumber               |
| MESSAGE - REQUESTER.Role                                                                 | n1        | role                               |
| MESSAGE - CONTROL RESULT                                                                 |           | ControlResult                      |
| MESSAGE - CONTROL RESULT.Code                                                            | an2       | code                               |
| MESSAGE - CONTROL RESULT.Date                                                            | an10      | date                               |
| MESSAGE - CONTROL RESULT.State of seals                                                  | n1        | stateOfSeals                       |
| MESSAGE - CONTROL RESULT.Controlled by                                                   | an..35    | controlledBy                       |
| MESSAGE - CONTROL RESULT.Remark                                                          | an..512   | remark                             |
| MESSAGE - CONTROL RESULT.Text                                                            | an..512   | text                               |
| MESSAGE - COUNTRY INVOLVED                                                               |           | CountryInvolved                    |
| MESSAGE - COUNTRY INVOLVED.Sequence number                                               | n..5      | sequenceNumber                     |
| MESSAGE - COUNTRY INVOLVED.Country                                                       | a2        | country                            |
| MESSAGE - GUARANTEE                                                                      |           | Guarantee                          |
| MESSAGE - GUARANTEE.Sequence number                                                      | n..5      | sequenceNumber                     |
| MESSAGE - GUARANTEE.Guarantee type                                                       | an1       | guaranteeType                      |
| MESSAGE - GUARANTEE.Other guarantee reference                                            | an..35    | otherGuaranteeReference            |
| MESSAGE - GUARANTEE - GUARANTEE REFERENCE                                                |           | GuaranteeReference                 |
| MESSAGE - GUARANTEE - GUARANTEE REFERENCE.Sequence number                                | n..5      | sequenceNumber                     |
| MESSAGE - GUARANTEE - GUARANTEE REFERENCE.GRN                                            | an..24    | GRN                                |
| MESSAGE - GUARANTEE - GUARANTEE REFERENCE.Access code                                    | an..4     | accessCode                         |
| MESSAGE - GUARANTEE - GUARANTEE REFERENCE.Amount to be covered                           | n..16,2   | amountToBeCovered                  |
| MESSAGE - GUARANTEE - GUARANTEE REFERENCE.Amount concerned                               | n..16,2   | amountConcerned                    |
| MESSAGE - GUARANTEE - GUARANTEE REFERENCE.Currency                                       | a3        | currency                           |
| MESSAGE - GUARANTEE - GUARANTEE REFERENCE - CUSTOMS OFFICE OF GUARANTEE                  |           | CustomsOfficeOfGuarantee           |
| MESSAGE - GUARANTEE - GUARANTEE REFERENCE - CUSTOMS OFFICE OF GUARANTEE.Reference number | an8       | referenceNumber                    |
| MESSAGE - GUARANTEE - GUARANTEE REFERENCE - VALIDITY LIMITATION                          |           | ValidityLimitation                 |

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| Appendix R: XML Mapping           |                              |
| 2. Data Groups                    |                              |

| Data-group or Data-item                                                                                      | Data type | XML-Tag                           |
|--------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------|
| MESSAGE - GUARANTEE - GUARANTEE REFERENCE - VALIDITY LIMITATION.Sequence number                              | n..5      | sequenceNumber                    |
| MESSAGE - GUARANTEE - GUARANTEE REFERENCE - VALIDITY LIMITATION.Guarantee not valid in                       | a2        | guaranteeNotValidIn               |
| MESSAGE - GUARANTEE - GUARANTEE REFERENCE - INVALID GUARANTEE REASON                                         |           | InvalidGuaranteeReason            |
| MESSAGE - GUARANTEE - GUARANTEE REFERENCE - INVALID GUARANTEE REASON.Sequence number                         | n..5      | sequenceNumber                    |
| MESSAGE - GUARANTEE - GUARANTEE REFERENCE - INVALID GUARANTEE REASON.Code                                    | an..3     | code                              |
| MESSAGE - TYPE OF CONTROLS                                                                                   |           | TypeOfControls                    |
| MESSAGE - TYPE OF CONTROLS.Sequence number                                                                   | n..5      | sequenceNumber                    |
| MESSAGE - TYPE OF CONTROLS.Type                                                                              | an..3     | type                              |
| MESSAGE - TYPE OF CONTROLS.Text                                                                              | an..512   | text                              |
| MESSAGE - ENQUIRY                                                                                            |           | Enquiry                           |
| MESSAGE - ENQUIRY.Date                                                                                       | an10      | date                              |
| MESSAGE - ENQUIRY.TC11 delivery date                                                                         | an10      | TC11DeliveryDate                  |
| MESSAGE - ENQUIRY.Enquiry request date                                                                       | an10      | enquiryRequestDate                |
| MESSAGE - ENQUIRY.Enquiry response date                                                                      | an10      | enquiryResponseDate               |
| MESSAGE - ENQUIRY.Information available from trader                                                          | n1        | informationAvailableFromTrader    |
| MESSAGE - ENQUIRY.Response code                                                                              | n..2      | responseCode                      |
| MESSAGE - ENQUIRY.Text                                                                                       | an..512   | text                              |
| MESSAGE - ENQUIRY.Return copy returned date                                                                  | an10      | returnCopyReturnedDate            |
| MESSAGE - ENQUIRY.Limit for the enquiry response date                                                        | an10      | limitForTheEnquiryResponseDate    |
| MESSAGE - RESPONSE INFORMATION                                                                               |           | ResponseInformation               |
| MESSAGE - RESPONSE INFORMATION.Sequence number                                                               | n..5      | sequenceNumber                    |
| MESSAGE - RESPONSE INFORMATION.Information code                                                              | n2        | informationCode                   |
| MESSAGE - RESPONSE INFORMATION.Text                                                                          | an..512   | text                              |
| MESSAGE - REQUESTED INFORMATION                                                                              |           | RequestedInformation              |
| MESSAGE - REQUESTED INFORMATION.Sequence number                                                              | n..5      | sequenceNumber                    |
| MESSAGE - REQUESTED INFORMATION.Code                                                                         | n1        | code                              |
| MESSAGE - REQUESTED INFORMATION.Text                                                                         | an..512   | text                              |
| MESSAGE - CTL_CONTROL                                                                                        |           | CTLControl                        |
| MESSAGE - CTL_CONTROL.Continue unloading                                                                     | n1        | continueUnloading                 |
| MESSAGE - UNLOADING REMARK                                                                                   |           | UnloadingRemark                   |
| MESSAGE - UNLOADING REMARK.Conform                                                                           | n1        | conform                           |
| MESSAGE - UNLOADING REMARK.Unloading completion                                                              | n1        | unloadingCompletion               |
| MESSAGE - UNLOADING REMARK.Unloading date                                                                    | an10      | unloadingDate                     |
| MESSAGE - UNLOADING REMARK.State of seals                                                                    | n1        | stateOfSeals                      |
| MESSAGE - UNLOADING REMARK.Unloading remark                                                                  | an..512   | unloadingRemark                   |
| MESSAGE - GUARANTOR NOTIFICATION                                                                             |           | GuarantorNotification             |
| MESSAGE - GUARANTOR NOTIFICATION.Guarantor notification date                                                 | an10      | guarantorNotificationDate         |
| MESSAGE - GUARANTOR NOTIFICATION.Guarantor notification text                                                 | an..512   | guarantorNotificationText         |
| MESSAGE - AES RESULTS                                                                                        |           | AESResults                        |
| MESSAGE - AES RESULTS.AES communication purpose                                                              | n1        | AESCommunicationPurpose           |
| MESSAGE - AES RESULTS.Response date and time                                                                 | an19      | responseDateAndTime               |
| MESSAGE - AES RESULTS.Global validation response                                                             | n1        | globalValidationResponse          |
| MESSAGE - AES RESULTS - EXPORT OPERATION                                                                     |           | ExportOperation                   |
| MESSAGE - AES RESULTS - EXPORT OPERATION.Sequence number                                                     | n..5      | sequenceNumber                    |
| MESSAGE - AES RESULTS - EXPORT OPERATION.MRN                                                                 | an18      | MRN                               |
| MESSAGE - AES RESULTS - EXPORT OPERATION.Security                                                            | n1        | security                          |
| MESSAGE - AES RESULTS - EXPORT OPERATION.Result indicator                                                    | an2       | resultIndicator                   |
| MESSAGE - AES RESULTS - EXPORT OPERATION - GOODS SHIPMENT                                                    |           | GoodsShipment                     |
| MESSAGE - AES RESULTS - EXPORT OPERATION - GOODS SHIPMENT - GOODS ITEM                                       |           | GoodsItem                         |
| MESSAGE - AES RESULTS - EXPORT OPERATION - GOODS SHIPMENT - GOODS ITEM.Export Declaration goods item number  | n..5      | exportDeclarationGoodsItemNumber  |
| MESSAGE - AES RESULTS - EXPORT OPERATION - GOODS SHIPMENT - GOODS ITEM.Transit Declaration goods item number | n..5      | transitDeclarationGoodsItemNumber |

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| Appendix R: XML Mapping           |                              |
| 2. Data Groups                    |                              |

| Data-group or Data-item                                                                                     | Data type | XML-Tag                    |
|-------------------------------------------------------------------------------------------------------------|-----------|----------------------------|
| MESSAGE - AES RESULTS - EXPORT OPERATION - GOODS SHIPMENT - GOODS ITEM - PREVIOUS DOCUMENT                  |           | PreviousDocument           |
| MESSAGE - AES RESULTS - EXPORT OPERATION - GOODS SHIPMENT - GOODS ITEM - PREVIOUS DOCUMENT.Type             | an4       | type                       |
| MESSAGE - AES RESULTS - EXPORT OPERATION - GOODS SHIPMENT - GOODS ITEM - PREVIOUS DOCUMENT.Reference number | an..70    | referenceNumber            |
| MESSAGE - RISK ANALYSIS IDENTIFICATION                                                                      |           | RiskAnalysisIdentification |
| MESSAGE - RISK ANALYSIS IDENTIFICATION.Code                                                                 | a1        | code                       |
| MESSAGE - RISK ANALYSIS IDENTIFICATION - RISK ANALYSIS                                                      |           | RiskAnalysis               |
| MESSAGE - RISK ANALYSIS IDENTIFICATION - RISK ANALYSIS.Sequence number                                      | n..5      | sequenceNumber             |
| MESSAGE - RISK ANALYSIS IDENTIFICATION - RISK ANALYSIS.Declaration goods item number                        | n..5      | declarationGoodsItemNumber |
| MESSAGE - RISK ANALYSIS IDENTIFICATION - RISK ANALYSIS - RISK ANALYSIS RESULT                               |           | RiskAnalysisResult         |
| MESSAGE - RISK ANALYSIS IDENTIFICATION - RISK ANALYSIS - RISK ANALYSIS RESULT.Sequence number               | n..5      | sequenceNumber             |
| MESSAGE - RISK ANALYSIS IDENTIFICATION - RISK ANALYSIS - RISK ANALYSIS RESULT.Code                          | an..17    | code                       |
| MESSAGE - RISK ANALYSIS IDENTIFICATION - RISK ANALYSIS - RISK ANALYSIS RESULT.Risk area code                | an..7     | riskAreaCode               |
| MESSAGE - RISK ANALYSIS IDENTIFICATION - RISK ANALYSIS - RISK ANALYSIS RESULT.Text                          | an..512   | text                       |
| MESSAGE - CONSIGNMENT                                                                                       |           | Consignment                |
| MESSAGE - CONSIGNMENT.Country of dispatch                                                                   | a2        | countryOfDispatch          |
| MESSAGE - CONSIGNMENT.Country of destination                                                                | a2        | countryOfDestination       |
| MESSAGE - CONSIGNMENT.Container indicator                                                                   | n1        | containerIndicator         |
| MESSAGE - CONSIGNMENT.Inland mode of transport                                                              | n1        | inlandModeOfTransport      |
| MESSAGE - CONSIGNMENT.Mode of transport at the border                                                       | n1        | modeOfTransportAtTheBorder |
| MESSAGE - CONSIGNMENT.Gross mass                                                                            | n..16,6   | grossMass                  |
| MESSAGE - CONSIGNMENT.Reference number UCR                                                                  | an..70    | referenceNumberUCR         |
| MESSAGE - CONSIGNMENT.Reference number UCR                                                                  | an..35    | referenceNumberUCR         |
| MESSAGE - CONSIGNMENT - CARRIER                                                                             |           | Carrier                    |
| MESSAGE - CONSIGNMENT - CARRIER.Identification number                                                       | an..17    | identificationNumber       |
| MESSAGE - CONSIGNMENT - CARRIER - CONTACT PERSON                                                            |           | ContactPerson              |
| MESSAGE - CONSIGNMENT - CARRIER - CONTACT PERSON.Name                                                       | an..70    | name                       |
| MESSAGE - CONSIGNMENT - CARRIER - CONTACT PERSON.Phone number                                               | an..35    | phoneNumber                |
| MESSAGE - CONSIGNMENT - CARRIER - CONTACT PERSON.E-mail address                                             | an..256   | eMailAddress               |
| MESSAGE - CONSIGNMENT - CONSIGNOR                                                                           |           | Consignor                  |
| MESSAGE - CONSIGNMENT - CONSIGNOR.Identification number                                                     | an..17    | identificationNumber       |
| MESSAGE - CONSIGNMENT - CONSIGNOR.Name                                                                      | an..70    | name                       |
| MESSAGE - CONSIGNMENT - CONSIGNOR - ADDRESS                                                                 |           | Address                    |
| MESSAGE - CONSIGNMENT - CONSIGNOR - ADDRESS.Street and number                                               | an..70    | streetAndNumber            |
| MESSAGE - CONSIGNMENT - CONSIGNOR - ADDRESS.Postcode                                                        | an..17    | postcode                   |
| MESSAGE - CONSIGNMENT - CONSIGNOR - ADDRESS.City                                                            | an..35    | city                       |
| MESSAGE - CONSIGNMENT - CONSIGNOR - ADDRESS.Country                                                         | a2        | country                    |
| MESSAGE - CONSIGNMENT - CONSIGNOR - CONTACT PERSON                                                          |           | ContactPerson              |
| MESSAGE - CONSIGNMENT - CONSIGNOR - CONTACT PERSON.Name                                                     | an..70    | name                       |
| MESSAGE - CONSIGNMENT - CONSIGNOR - CONTACT PERSON.Phone number                                             | an..35    | phoneNumber                |
| MESSAGE - CONSIGNMENT - CONSIGNOR - CONTACT PERSON.E-mail address                                           | an..256   | eMailAddress               |
| MESSAGE - CONSIGNMENT - CONSIGNEE                                                                           |           | Consignee                  |
| MESSAGE - CONSIGNMENT - CONSIGNEE.Identification number                                                     | an..17    | identificationNumber       |
| MESSAGE - CONSIGNMENT - CONSIGNEE.Name                                                                      | an..70    | name                       |
| MESSAGE - CONSIGNMENT - CONSIGNEE - ADDRESS                                                                 |           | Address                    |
| MESSAGE - CONSIGNMENT - CONSIGNEE - ADDRESS.Street and number                                               | an..70    | streetAndNumber            |
| MESSAGE - CONSIGNMENT - CONSIGNEE - ADDRESS.Postcode                                                        | an..17    | postcode                   |
| MESSAGE - CONSIGNMENT - CONSIGNEE - ADDRESS.City                                                            | an..35    | city                       |
| MESSAGE - CONSIGNMENT - CONSIGNEE - ADDRESS.Country                                                         | a2        | country                    |

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| Appendix R: XML Mapping           |                              |
| 2. Data Groups                    |                              |

| Data-group or Data-item                                                                     | Data type | XML-Tag                       |
|---------------------------------------------------------------------------------------------|-----------|-------------------------------|
| MESSAGE - CONSIGNMENT - ADDITIONAL SUPPLY CHAIN ACTOR                                       |           | AdditionalSupplyChainActor    |
| MESSAGE - CONSIGNMENT - ADDITIONAL SUPPLY CHAIN ACTOR.Sequence number                       | n..5      | sequenceNumber                |
| MESSAGE - CONSIGNMENT - ADDITIONAL SUPPLY CHAIN ACTOR.Role                                  | a..3      | role                          |
| MESSAGE - CONSIGNMENT - ADDITIONAL SUPPLY CHAIN ACTOR.Identification number                 | an..17    | identificationNumber          |
| MESSAGE - CONSIGNMENT - TRANSPORT EQUIPMENT                                                 |           | TransportEquipment            |
| MESSAGE - CONSIGNMENT - TRANSPORT EQUIPMENT.Sequence number                                 | n..5      | sequenceNumber                |
| MESSAGE - CONSIGNMENT - TRANSPORT EQUIPMENT.Container identification number                 | an..17    | containerIdentificationNumber |
| MESSAGE - CONSIGNMENT - TRANSPORT EQUIPMENT.Number of seals                                 | n..4      | numberOfSeals                 |
| MESSAGE - CONSIGNMENT - TRANSPORT EQUIPMENT - SEAL                                          |           | Seal                          |
| MESSAGE - CONSIGNMENT - TRANSPORT EQUIPMENT - SEAL.Sequence number                          | n..5      | sequenceNumber                |
| MESSAGE - CONSIGNMENT - TRANSPORT EQUIPMENT - SEAL.Identifier                               | an..20    | identifier                    |
| MESSAGE - CONSIGNMENT - TRANSPORT EQUIPMENT - GOODS REFERENCE                               |           | GoodsReference                |
| MESSAGE - CONSIGNMENT - TRANSPORT EQUIPMENT - GOODS REFERENCE.Sequence number               | n..5      | sequenceNumber                |
| MESSAGE - CONSIGNMENT - TRANSPORT EQUIPMENT - GOODS REFERENCE.Declaration goods item number | n..5      | declarationGoodsItemNumber    |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS                                                   |           | LocationOfGoods               |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS.Type of location                                  | a1        | typeOfLocation                |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS.Qualifier of identification                       | a1        | qualifierOfIdentification     |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS.Authorisation number                              | an..35    | authorisationNumber           |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS.Additional identifier                             | an..4     | additionalIdentifier          |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS.UN LOCODE                                         | an..17    | UNLocode                      |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS - CUSTOMS OFFICE                                  |           | CustomsOffice                 |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS - CUSTOMS OFFICE.Reference number                 | an8       | referenceNumber               |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS - GNSS                                            |           | GNSS                          |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS - GNSS.Latitude                                   | an..17    | latitude                      |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS - GNSS.Longitude                                  | an..17    | longitude                     |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS - ECONOMIC OPERATOR                               |           | EconomicOperator              |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS - ECONOMIC OPERATOR.Identification number         | an..17    | identificationNumber          |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS - ADDRESS                                         |           | Address                       |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS - ADDRESS.Street and number                       | an..70    | streetAndNumber               |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS - ADDRESS.Postcode                                | an..17    | postcode                      |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS - ADDRESS.City                                    | an..35    | city                          |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS - ADDRESS.Country                                 | a2        | country                       |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS - POSTCODE ADDRESS                                |           | PostcodeAddress               |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS - POSTCODE ADDRESS.House number                   | an..17    | houseNumber                   |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS - POSTCODE ADDRESS.Postcode                       | an..17    | postcode                      |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS - POSTCODE ADDRESS.Country                        | a2        | country                       |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS - CONTACT PERSON                                  |           | ContactPerson                 |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS - CONTACT PERSON.Name                             | an..70    | name                          |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS - CONTACT PERSON.Phone number                     | an..35    | phoneNumber                   |
| MESSAGE - CONSIGNMENT - LOCATION OF GOODS - CONTACT PERSON.E-mail address                   | an..256   | eMailAddress                  |
| MESSAGE - CONSIGNMENT - DEPARTURE TRANSPORT MEANS                                           |           | DepartureTransportMeans       |

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| Appendix R: XML Mapping           |                              |
| 2. Data Groups                    |                              |

| Data-group or Data-item                                                                         | Data type | XML-Tag                                  |
|-------------------------------------------------------------------------------------------------|-----------|------------------------------------------|
| MESSAGE - CONSIGNMENT - DEPARTURE TRANSPORT MEANS.Sequence number                               | n..5      | sequenceNumber                           |
| MESSAGE - CONSIGNMENT - DEPARTURE TRANSPORT MEANS.Type of identification                        | n2        | typeOfIdentification                     |
| MESSAGE - CONSIGNMENT - DEPARTURE TRANSPORT MEANS.Identification number                         | an..35    | identificationNumber                     |
| MESSAGE - CONSIGNMENT - DEPARTURE TRANSPORT MEANS.Nationality                                   | a2        | nationality                              |
| MESSAGE - CONSIGNMENT - COUNTRY OF ROUTING OF CONSIGNMENT                                       |           | CountryOfRoutingOfConsignm<br>ent        |
| MESSAGE - CONSIGNMENT - COUNTRY OF ROUTING OF CONSIGNMENT.Sequence number                       | n..5      | sequenceNumber                           |
| MESSAGE - CONSIGNMENT - COUNTRY OF ROUTING OF CONSIGNMENT.Country                               | a2        | country                                  |
| MESSAGE - CONSIGNMENT - ACTIVE BORDER TRANSPORT MEANS                                           |           | ActiveBorderTransportMeans               |
| MESSAGE - CONSIGNMENT - ACTIVE BORDER TRANSPORT MEANS.Sequence number                           | n..5      | sequenceNumber                           |
| MESSAGE - CONSIGNMENT - ACTIVE BORDER TRANSPORT MEANS.Customs office at border reference number | an8       | customsOfficeAtBorderRefere<br>nceNumber |
| MESSAGE - CONSIGNMENT - ACTIVE BORDER TRANSPORT MEANS.Type of identification                    | n2        | typeOfIdentification                     |
| MESSAGE - CONSIGNMENT - ACTIVE BORDER TRANSPORT MEANS.Identification number                     | an..35    | identificationNumber                     |
| MESSAGE - CONSIGNMENT - ACTIVE BORDER TRANSPORT MEANS.Nationality                               | a2        | nationality                              |
| MESSAGE - CONSIGNMENT - ACTIVE BORDER TRANSPORT MEANS.Conveyance reference number               | an..35    | conveyanceReferenceNumber                |
| MESSAGE - CONSIGNMENT - ACTIVE BORDER TRANSPORT MEANS.Conveyance reference number               | an..17    | conveyanceReferenceNumber                |
| MESSAGE - CONSIGNMENT - PLACE OF LOADING                                                        |           | PlaceOfLoading                           |
| MESSAGE - CONSIGNMENT - PLACE OF LOADING.UN LOCODE                                              | an..17    | UNLocode                                 |
| MESSAGE - CONSIGNMENT - PLACE OF LOADING.Country                                                | a2        | country                                  |
| MESSAGE - CONSIGNMENT - PLACE OF LOADING.Location                                               | an..35    | location                                 |
| MESSAGE - CONSIGNMENT - PLACE OF UNLOADING                                                      |           | PlaceOfUnloading                         |
| MESSAGE - CONSIGNMENT - PLACE OF UNLOADING.UN LOCODE                                            | an..17    | UNLocode                                 |
| MESSAGE - CONSIGNMENT - PLACE OF UNLOADING.Country                                              | a2        | country                                  |
| MESSAGE - CONSIGNMENT - PLACE OF UNLOADING.Location                                             | an..35    | location                                 |
| MESSAGE - CONSIGNMENT - PREVIOUS DOCUMENT                                                       |           | PreviousDocument                         |
| MESSAGE - CONSIGNMENT - PREVIOUS DOCUMENT.Sequence number                                       | n..5      | sequenceNumber                           |
| MESSAGE - CONSIGNMENT - PREVIOUS DOCUMENT.Type                                                  | an4       | type                                     |
| MESSAGE - CONSIGNMENT - PREVIOUS DOCUMENT.Reference number                                      | an..70    | referenceNumber                          |
| MESSAGE - CONSIGNMENT - PREVIOUS DOCUMENT.Complement of information                             | an..35    | complementOfInformation                  |
| MESSAGE - CONSIGNMENT - PREVIOUS DOCUMENT.Complete control                                      | n1        | completeControl                          |
| MESSAGE - CONSIGNMENT - SUPPORTING DOCUMENT                                                     |           | SupportingDocument                       |
| MESSAGE - CONSIGNMENT - SUPPORTING DOCUMENT.Sequence number                                     | n..5      | sequenceNumber                           |
| MESSAGE - CONSIGNMENT - SUPPORTING DOCUMENT.Type                                                | an4       | type                                     |
| MESSAGE - CONSIGNMENT - SUPPORTING DOCUMENT.Reference number                                    | an..70    | referenceNumber                          |
| MESSAGE - CONSIGNMENT - SUPPORTING DOCUMENT.Document line item number                           | n..5      | documentLineItemNumber                   |
| MESSAGE - CONSIGNMENT - SUPPORTING DOCUMENT.Complement of information                           | an..35    | complementOfInformation                  |
| MESSAGE - CONSIGNMENT - SUPPORTING DOCUMENT.Complete control                                    | n1        | completeControl                          |
| MESSAGE - CONSIGNMENT - TRANSPORT DOCUMENT                                                      |           | TransportDocument                        |
| MESSAGE - CONSIGNMENT - TRANSPORT DOCUMENT.Sequence number                                      | n..5      | sequenceNumber                           |
| MESSAGE - CONSIGNMENT - TRANSPORT DOCUMENT.Type                                                 | an4       | type                                     |
| MESSAGE - CONSIGNMENT - TRANSPORT DOCUMENT.Reference number                                     | an..70    | referenceNumber                          |
| MESSAGE - CONSIGNMENT - ADDITIONAL REFERENCE                                                    |           | AdditionalReference                      |
| MESSAGE - CONSIGNMENT - ADDITIONAL REFERENCE.Sequence number                                    | n..5      | sequenceNumber                           |
| MESSAGE - CONSIGNMENT - ADDITIONAL REFERENCE.Type                                               | an4       | type                                     |

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| Appendix R: XML Mapping           |                              |
| 2. Data Groups                    |                              |

| Data-group or Data-item                                                                                | Data type | XML-Tag                       |
|--------------------------------------------------------------------------------------------------------|-----------|-------------------------------|
| MESSAGE - CONSIGNMENT - ADDITIONAL REFERENCE.Reference number                                          | an..70    | referenceNumber               |
| MESSAGE - CONSIGNMENT - ADDITIONAL INFORMATION                                                         |           | AdditionalInformation         |
| MESSAGE - CONSIGNMENT - ADDITIONAL INFORMATION.Sequence number                                         | n..5      | sequenceNumber                |
| MESSAGE - CONSIGNMENT - ADDITIONAL INFORMATION.Code                                                    | an5       | code                          |
| MESSAGE - CONSIGNMENT - ADDITIONAL INFORMATION.Text                                                    | an..512   | text                          |
| MESSAGE - CONSIGNMENT - ADDITIONAL INFORMATION.Complete control                                        | n1        | completeControl               |
| MESSAGE - CONSIGNMENT - TRANSPORT CHARGES                                                              |           | TransportCharges              |
| MESSAGE - CONSIGNMENT - TRANSPORT CHARGES.Method of payment                                            | a1        | methodOfPayment               |
| MESSAGE - CONSIGNMENT - INCIDENT                                                                       |           | Incident                      |
| MESSAGE - CONSIGNMENT - INCIDENT.Sequence number                                                       | n..5      | sequenceNumber                |
| MESSAGE - CONSIGNMENT - INCIDENT.Code                                                                  | n1        | code                          |
| MESSAGE - CONSIGNMENT - INCIDENT.Text                                                                  | an..512   | text                          |
| MESSAGE - CONSIGNMENT - INCIDENT - ENDORSEMENT                                                         |           | Endorsement                   |
| MESSAGE - CONSIGNMENT - INCIDENT - ENDORSEMENT.Date                                                    | an10      | date                          |
| MESSAGE - CONSIGNMENT - INCIDENT - ENDORSEMENT.Authority                                               | an..35    | authority                     |
| MESSAGE - CONSIGNMENT - INCIDENT - ENDORSEMENT.Place                                                   | an..35    | place                         |
| MESSAGE - CONSIGNMENT - INCIDENT - ENDORSEMENT.Country                                                 | a2        | country                       |
| MESSAGE - CONSIGNMENT - INCIDENT - LOCATION                                                            |           | Location                      |
| MESSAGE - CONSIGNMENT - INCIDENT - LOCATION.Qualifier of identification                                | a1        | qualifierOfIdentification     |
| MESSAGE - CONSIGNMENT - INCIDENT - LOCATION.UN LOCODE                                                  | an..17    | UNLocode                      |
| MESSAGE - CONSIGNMENT - INCIDENT - LOCATION.Country                                                    | a2        | country                       |
| MESSAGE - CONSIGNMENT - INCIDENT - LOCATION - GNSS                                                     |           | GNSS                          |
| MESSAGE - CONSIGNMENT - INCIDENT - LOCATION - GNSS.Latitude                                            | an..17    | latitude                      |
| MESSAGE - CONSIGNMENT - INCIDENT - LOCATION - GNSS.Longitude                                           | an..17    | longitude                     |
| MESSAGE - CONSIGNMENT - INCIDENT - LOCATION - ADDRESS                                                  |           | Address                       |
| MESSAGE - CONSIGNMENT - INCIDENT - LOCATION - ADDRESS.Street and number                                | an..70    | streetAndNumber               |
| MESSAGE - CONSIGNMENT - INCIDENT - LOCATION - ADDRESS.Postcode                                         | an..17    | postcode                      |
| MESSAGE - CONSIGNMENT - INCIDENT - LOCATION - ADDRESS.City                                             | an..35    | city                          |
| MESSAGE - CONSIGNMENT - INCIDENT - TRANSPORT EQUIPMENT                                                 |           | TransportEquipment            |
| MESSAGE - CONSIGNMENT - INCIDENT - TRANSPORT EQUIPMENT.Sequence number                                 | n..5      | sequenceNumber                |
| MESSAGE - CONSIGNMENT - INCIDENT - TRANSPORT EQUIPMENT.Container identification number                 | an..17    | containerIdentificationNumber |
| MESSAGE - CONSIGNMENT - INCIDENT - TRANSPORT EQUIPMENT.Number of seals                                 | n..4      | numberOfSeals                 |
| MESSAGE - CONSIGNMENT - INCIDENT - TRANSPORT EQUIPMENT - SEAL                                          |           | Seal                          |
| MESSAGE - CONSIGNMENT - INCIDENT - TRANSPORT EQUIPMENT - SEAL.Sequence number                          | n..5      | sequenceNumber                |
| MESSAGE - CONSIGNMENT - INCIDENT - TRANSPORT EQUIPMENT - SEAL.Identifier                               | an..20    | identifier                    |
| MESSAGE - CONSIGNMENT - INCIDENT - TRANSPORT EQUIPMENT - GOODS REFERENCE                               |           | GoodsReference                |
| MESSAGE - CONSIGNMENT - INCIDENT - TRANSPORT EQUIPMENT - GOODS REFERENCE.Sequence number               | n..5      | sequenceNumber                |
| MESSAGE - CONSIGNMENT - INCIDENT - TRANSPORT EQUIPMENT - GOODS REFERENCE.Declaration goods item number | n..5      | declarationGoodsItemNumber    |
| MESSAGE - CONSIGNMENT - INCIDENT - TRANSHIPMENT                                                        |           | Transshipment                 |
| MESSAGE - CONSIGNMENT - INCIDENT - TRANSHIPMENT.Container indicator                                    | n1        | containerIndicator            |
| MESSAGE - CONSIGNMENT - INCIDENT - TRANSHIPMENT - TRANSPORT MEANS                                      |           | TransportMeans                |
| MESSAGE - CONSIGNMENT - INCIDENT - TRANSHIPMENT - TRANSPORT MEANS.Type of identification               | n2        | typeOfIdentification          |
| MESSAGE - CONSIGNMENT - INCIDENT - TRANSHIPMENT - TRANSPORT MEANS.Identification number                | an..35    | identificationNumber          |
| MESSAGE - CONSIGNMENT - INCIDENT - TRANSHIPMENT - TRANSPORT MEANS.Nationality                          | a2        | nationality                   |

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| Appendix R: XML Mapping           |                              |
| 2. Data Groups                    |                              |

| Data-group or Data-item                                                                         | Data type | XML-Tag                                |
|-------------------------------------------------------------------------------------------------|-----------|----------------------------------------|
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT                                                       |           | HouseConsignment                       |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT.Sequence number                                       | n..5      | sequenceNumber                         |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT.Country of dispatch                                   | a2        | countryOfDispatch                      |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT.Country of destination                                | a2        | countryOfDestination                   |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT.Gross mass                                            | n..16,6   | grossMass                              |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT.Reference number UCR                                  | an..35    | referenceNumberUCR                     |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT.Reference number UCR                                  | an..70    | referenceNumberUCR                     |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT.Security indicator from export declaration            | n1        | securityIndicatorFromExportDeclaration |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT.Release type                                          | n1        | releaseType                            |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNOR                                           |           | Consignor                              |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNOR.Identification number                     | an..17    | identificationNumber                   |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNOR.Name                                      | an..70    | name                                   |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNOR - ADDRESS                                 |           | Address                                |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNOR - ADDRESS.Street and number               | an..70    | streetAndNumber                        |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNOR - ADDRESS.Postcode                        | an..17    | postcode                               |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNOR - ADDRESS.City                            | an..35    | city                                   |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNOR - ADDRESS.Country                         | a2        | country                                |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNOR - CONTACT PERSON                          |           | ContactPerson                          |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNOR - CONTACT PERSON.Name                     | an..70    | name                                   |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNOR - CONTACT PERSON.Phone number             | an..35    | phoneNumber                            |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNOR - CONTACT PERSON.E-mail address           | an..256   | eMailAddress                           |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNEE                                           |           | Consignee                              |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNEE.Identification number                     | an..17    | identificationNumber                   |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNEE.Name                                      | an..70    | name                                   |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNEE - ADDRESS                                 |           | Address                                |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNEE - ADDRESS.Street and number               | an..70    | streetAndNumber                        |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNEE - ADDRESS.Postcode                        | an..17    | postcode                               |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNEE - ADDRESS.City                            | an..35    | city                                   |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNEE - ADDRESS.Country                         | a2        | country                                |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - ADDITIONAL SUPPLY CHAIN ACTOR                       |           | AdditionalSupplyChainActor             |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - ADDITIONAL SUPPLY CHAIN ACTOR.Sequence number       | n..5      | sequenceNumber                         |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - ADDITIONAL SUPPLY CHAIN ACTOR.Role                  | a..3      | role                                   |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - ADDITIONAL SUPPLY CHAIN ACTOR.Identification number | an..17    | identificationNumber                   |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - DEPARTURE TRANSPORT MEANS                           |           | DepartureTransportMeans                |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - DEPARTURE TRANSPORT MEANS.Sequence number           | n..5      | sequenceNumber                         |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - DEPARTURE TRANSPORT MEANS.Type of identification    | n2        | typeOfIdentification                   |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - DEPARTURE TRANSPORT MEANS.Identification number     | an..35    | identificationNumber                   |

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| Appendix R: XML Mapping           |                              |
| 2. Data Groups                    |                              |

| Data-group or Data-item                                                                    | Data type | XML-Tag                    |
|--------------------------------------------------------------------------------------------|-----------|----------------------------|
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - DEPARTURE TRANSPORT MEANS.Nationality          | a2        | nationality                |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - PREVIOUS DOCUMENT                              |           | PreviousDocument           |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - PREVIOUS DOCUMENT.Sequence number              | n..5      | sequenceNumber             |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - PREVIOUS DOCUMENT.Type                         | an4       | type                       |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - PREVIOUS DOCUMENT.Reference number             | an..70    | referenceNumber            |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - PREVIOUS DOCUMENT.Complement of information    | an..35    | complementOfInformation    |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - SUPPORTING DOCUMENT                            |           | SupportingDocument         |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - SUPPORTING DOCUMENT.Sequence number            | n..5      | sequenceNumber             |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - SUPPORTING DOCUMENT.Type                       | an4       | type                       |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - SUPPORTING DOCUMENT.Reference number           | an..70    | referenceNumber            |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - SUPPORTING DOCUMENT.Document line item number  | n..5      | documentLineItemNumber     |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - SUPPORTING DOCUMENT.Complement of information  | an..35    | complementOfInformation    |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - SUPPORTING DOCUMENT.Complete control           | n1        | completeControl            |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - TRANSPORT DOCUMENT                             |           | TransportDocument          |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - TRANSPORT DOCUMENT.Sequence number             | n..5      | sequenceNumber             |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - TRANSPORT DOCUMENT.Type                        | an4       | type                       |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - TRANSPORT DOCUMENT.Reference number            | an..70    | referenceNumber            |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - ADDITIONAL REFERENCE                           |           | AdditionalReference        |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - ADDITIONAL REFERENCE.Sequence number           | n..5      | sequenceNumber             |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - ADDITIONAL REFERENCE.Type                      | an4       | type                       |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - ADDITIONAL REFERENCE.Reference number          | an..70    | referenceNumber            |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - ADDITIONAL INFORMATION                         |           | AdditionalInformation      |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - ADDITIONAL INFORMATION.Sequence number         | n..5      | sequenceNumber             |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - ADDITIONAL INFORMATION.Code                    | an5       | code                       |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - ADDITIONAL INFORMATION.Text                    | an..512   | text                       |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - ADDITIONAL INFORMATION.Complete control        | n1        | completeControl            |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - TRANSPORT CHARGES                              |           | TransportCharges           |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - TRANSPORT CHARGES.Method of payment            | a1        | methodOfPayment            |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM                               |           | ConsignmentItem            |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM.Goods item number             | n..5      | goodsItemNumber            |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM.Goods item number             | n..5      | goodsItemNumber            |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM.Declaration goods item number | n..5      | declarationGoodsItemNumber |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM.Declaration type              | an..5     | declarationType            |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM.Country of dispatch           | a2        | countryOfDispatch          |

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| Appendix R: XML Mapping           |                              |
| 2. Data Groups                    |                              |

| Data-group or Data-item                                                                                                      | Data type | XML-Tag                        |
|------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------|
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM.Country of destination                                          | a2        | countryOfDestination           |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM.Reference number UCR                                            | an..70    | referenceNumberUCR             |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM.Release type                                                    | n1        | releaseType                    |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM.Reference number UCR                                            | an..35    | referenceNumberUCR             |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - CONSIGNEE                                                     |           | Consignee                      |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - CONSIGNEE.Identification number                               | an..17    | identificationNumber           |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - CONSIGNEE.Name                                                | an..70    | name                           |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - CONSIGNEE - ADDRESS                                           |           | Address                        |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - CONSIGNEE - ADDRESS.Street and number                         | an..70    | streetAndNumber                |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - CONSIGNEE - ADDRESS.Postcode                                  | an..17    | postcode                       |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - CONSIGNEE - ADDRESS.City                                      | an..35    | city                           |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - CONSIGNEE - ADDRESS.Country                                   | a2        | country                        |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - ADDITIONAL SUPPLY CHAIN ACTOR                                 |           | AdditionalSupplyChainActor     |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - ADDITIONAL SUPPLY CHAIN ACTOR.Sequence number                 | n..5      | sequenceNumber                 |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - ADDITIONAL SUPPLY CHAIN ACTOR.Role                            | a..3      | role                           |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - ADDITIONAL SUPPLY CHAIN ACTOR.Identification number           | an..17    | identificationNumber           |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM.Sequence number                                                 | n..5      | sequenceNumber                 |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - COMMODITY                                                     |           | Commodity                      |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - COMMODITY.Description of goods                                | an..512   | descriptionOfGoods             |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - COMMODITY.CUS code                                            | an9       | cusCode                        |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - COMMODITY - COMMODITY CODE                                    |           | CommodityCode                  |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - COMMODITY - COMMODITY CODE.Harmonized System sub-heading code | an6       | harmonizedSystemSubHeadingCode |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - COMMODITY - COMMODITY CODE.Combined nomenclature code         | an2       | combinedNomenclatureCode       |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - COMMODITY - DANGEROUS GOODS                                   |           | DangerousGoods                 |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - COMMODITY - DANGEROUS GOODS.Sequence number                   | n..5      | sequenceNumber                 |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - COMMODITY - DANGEROUS GOODS.UN Number                         | an4       | UNNumber                       |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - COMMODITY - GOODS MEASURE                                     |           | GoodsMeasure                   |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - COMMODITY - GOODS MEASURE.Gross mass                          | n..16,6   | grossMass                      |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - COMMODITY - GOODS MEASURE.Net mass                            | n..16,6   | netMass                        |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - COMMODITY - GOODS MEASURE.Supplementary units                 | n..16,6   | supplementaryUnits             |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - PACKAGING                                                     |           | Packaging                      |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - PACKAGING.Sequence number                                     | n..5      | sequenceNumber                 |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - PACKAGING.Type of packages                                    | an2       | typeOfPackages                 |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - PACKAGING.Number of packages                                  | n..8      | numberOfPackages               |

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| Appendix R: XML Mapping           |                              |
| 2. Data Groups                    |                              |

| Data-group or Data-item                                                                                         | Data type | XML-Tag                     |
|-----------------------------------------------------------------------------------------------------------------|-----------|-----------------------------|
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - PACKAGING.Shipping marks                         | an..512   | shippingMarks               |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - PREVIOUS DOCUMENT                                |           | PreviousDocument            |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - PREVIOUS DOCUMENT.Sequence number                | n..5      | sequenceNumber              |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - PREVIOUS DOCUMENT.Type                           | an4       | type                        |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - PREVIOUS DOCUMENT.Reference number               | an..70    | referenceNumber             |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - PREVIOUS DOCUMENT.Goods item number              | n..5      | goodsItemNumber             |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - PREVIOUS DOCUMENT.Type of packages               | an2       | typeOfPackages              |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - PREVIOUS DOCUMENT.Number of packages             | n..8      | numberOfPackages            |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - PREVIOUS DOCUMENT.Measurement unit and qualifier | an..4     | measurementUnitAndQualifier |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - PREVIOUS DOCUMENT.Quantity                       | n..16,6   | quantity                    |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - PREVIOUS DOCUMENT.Complement of information      | an..35    | complementOfInformation     |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - PREVIOUS DOCUMENT.Complete control               | n1        | completeControl             |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - SUPPORTING DOCUMENT                              |           | SupportingDocument          |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - SUPPORTING DOCUMENT.Sequence number              | n..5      | sequenceNumber              |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - SUPPORTING DOCUMENT.Type                         | an4       | type                        |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - SUPPORTING DOCUMENT.Reference number             | an..70    | referenceNumber             |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - SUPPORTING DOCUMENT.Document line item number    | n..5      | documentLineItemNumber      |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - SUPPORTING DOCUMENT.Complement of information    | an..35    | complementOfInformation     |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - SUPPORTING DOCUMENT.Complete control             | n1        | completeControl             |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - TRANSPORT DOCUMENT                               |           | TransportDocument           |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - TRANSPORT DOCUMENT.Sequence number               | n..5      | sequenceNumber              |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - TRANSPORT DOCUMENT.Type                          | an4       | type                        |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - TRANSPORT DOCUMENT.Reference number              | an..70    | referenceNumber             |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - ADDITIONAL REFERENCE                             |           | AdditionalReference         |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - ADDITIONAL REFERENCE.Sequence number             | n..5      | sequenceNumber              |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - ADDITIONAL REFERENCE.Type                        | an4       | type                        |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - ADDITIONAL REFERENCE.Reference number            | an..70    | referenceNumber             |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - ADDITIONAL INFORMATION                           |           | AdditionalInformation       |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - ADDITIONAL INFORMATION.Sequence number           | n..5      | sequenceNumber              |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - ADDITIONAL INFORMATION.Code                      | an5       | code                        |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - ADDITIONAL INFORMATION.Text                      | an..512   | text                        |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - ADDITIONAL INFORMATION.Complete control          | n1        | completeControl             |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - TRANSPORT CHARGES                                |           | TransportCharges            |
| MESSAGE - CONSIGNMENT - HOUSE CONSIGNMENT - CONSIGNMENT ITEM - TRANSPORT CHARGES.Method of payment              | a1        | methodOfPayment             |
| MESSAGE - CONSIGNMENT - CONSIGNEE (ACTUAL)                                                                      |           | ConsigneeActual             |

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| Appendix R: XML Mapping           |                              |
| 2. Data Groups                    |                              |

| Data-group or Data-item                                                                                          | Data type | XML-Tag                    |
|------------------------------------------------------------------------------------------------------------------|-----------|----------------------------|
| MESSAGE - CONSIGNMENT - CONSIGNEE (ACTUAL).Identification number                                                 | an..17    | identificationNumber       |
| MESSAGE - CONSIGNMENT - CONSIGNEE (ACTUAL).Name                                                                  | an..70    | name                       |
| MESSAGE - CONSIGNMENT - CONSIGNEE (ACTUAL) - ADDRESS                                                             |           | Address                    |
| MESSAGE - CONSIGNMENT - CONSIGNEE (ACTUAL) - ADDRESS.Street and number                                           | an..70    | streetAndNumber            |
| MESSAGE - CONSIGNMENT - CONSIGNEE (ACTUAL) - ADDRESS.Postcode                                                    | an..17    | postcode                   |
| MESSAGE - CONSIGNMENT - CONSIGNEE (ACTUAL) - ADDRESS.City                                                        | an..35    | city                       |
| MESSAGE - CONSIGNMENT - CONSIGNEE (ACTUAL) - ADDRESS.Country                                                     | a2        | country                    |
| MESSAGE - REQUESTED DOCUMENT                                                                                     |           | RequestedDocument          |
| MESSAGE - REQUESTED DOCUMENT.Sequence number                                                                     | n..5      | sequenceNumber             |
| MESSAGE - REQUESTED DOCUMENT.Document type                                                                       | an4       | documentType               |
| MESSAGE - REQUESTED DOCUMENT.Description                                                                         | an..512   | description                |
| MESSAGE - CUSTOMS OFFICE OF GUARANTEE                                                                            |           | CustomsOfficeOfGuarantee   |
| MESSAGE - CUSTOMS OFFICE OF GUARANTEE.Reference number                                                           | an8       | referenceNumber            |
| MESSAGE - XML ERROR                                                                                              |           | XMLError                   |
| MESSAGE - XML ERROR.Error line number                                                                            | n..9      | errorLineNumber            |
| MESSAGE - XML ERROR.Error column number                                                                          | n..9      | errorColumnNumber          |
| MESSAGE - XML ERROR.Error pointer                                                                                | an..512   | errorPointer               |
| MESSAGE - XML ERROR.Error code                                                                                   | n2        | errorCode                  |
| MESSAGE - XML ERROR.Error text                                                                                   | an..512   | errorText                  |
| MESSAGE - XML ERROR.Original attribute value                                                                     | an..512   | originalAttributeValue     |
| MESSAGE - COUNTRY                                                                                                |           | Country                    |
| MESSAGE - COUNTRY.Sequence number                                                                                | n..5      | sequenceNumber             |
| MESSAGE - COUNTRY.Country                                                                                        | a2        | country                    |
| MESSAGE - COUNTRY - ACTION                                                                                       |           | Action                     |
| MESSAGE - COUNTRY - ACTION.Sequence number                                                                       | n..5      | sequenceNumber             |
| MESSAGE - COUNTRY - ACTION.Operation                                                                             | a1        | operation                  |
| MESSAGE - COUNTRY - ACTION - UNAVAILABILITY                                                                      |           | Unavailability             |
| MESSAGE - COUNTRY - ACTION - UNAVAILABILITY.Sequence number                                                      | n..5      | sequenceNumber             |
| MESSAGE - COUNTRY - ACTION - UNAVAILABILITY.Type                                                                 | a1        | type                       |
| MESSAGE - COUNTRY - ACTION - UNAVAILABILITY.Functionality                                                        | a1        | functionality              |
| MESSAGE - COUNTRY - ACTION - UNAVAILABILITY.Start date and time                                                  | an19      | startDateAndTime           |
| MESSAGE - COUNTRY - ACTION - UNAVAILABILITY.End date and time                                                    | an19      | endDateAndTime             |
| MESSAGE - COUNTRY - ACTION - UNAVAILABILITY.Explanation                                                          | an2       | explanation                |
| MESSAGE - COUNTRY - ACTION - UNAVAILABILITY.Text                                                                 | an..512   | text                       |
| MESSAGE - COUNTRY - ACTION - UNAVAILABILITY - FALLBACK                                                           |           | Fallback                   |
| MESSAGE - COUNTRY - ACTION - UNAVAILABILITY - FALLBACK.Flag                                                      | n1        | flag                       |
| MESSAGE - COUNTRY - ACTION - UNAVAILABILITY - FALLBACK.Text                                                      | an..512   | text                       |
| MESSAGE - SENDING COUNTRY                                                                                        |           | SendingCountry             |
| MESSAGE - SENDING COUNTRY.Country                                                                                | a2        | country                    |
| MESSAGE - SENDING COUNTRY.Year                                                                                   | n4        | year                       |
| MESSAGE - SENDING COUNTRY.Month                                                                                  | an2       | month                      |
| MESSAGE - SENDING COUNTRY - SYSTEM APPLICABILITY                                                                 |           | SystemApplicability        |
| MESSAGE - SENDING COUNTRY - SYSTEM APPLICABILITY.Sequence number                                                 | n..5      | sequenceNumber             |
| MESSAGE - SENDING COUNTRY - SYSTEM APPLICABILITY.System code                                                     | n..2      | systemCode                 |
| MESSAGE - SENDING COUNTRY - SYSTEM APPLICABILITY - STATISTICAL CHARACTERISTICS                                   |           | StatisticalCharacteristics |
| MESSAGE - SENDING COUNTRY - SYSTEM APPLICABILITY - STATISTICAL CHARACTERISTICS.Sequence number                   | n..5      | sequenceNumber             |
| MESSAGE - SENDING COUNTRY - SYSTEM APPLICABILITY - STATISTICAL CHARACTERISTICS.Operation                         | a1        | operation                  |
| MESSAGE - SENDING COUNTRY - SYSTEM APPLICABILITY - STATISTICAL CHARACTERISTICS.Statistics type                   | an4       | statisticsType             |
| MESSAGE - SENDING COUNTRY - SYSTEM APPLICABILITY - STATISTICAL CHARACTERISTICS.Statistics type support           | n1        | statisticsTypeSupport      |
| MESSAGE - SENDING COUNTRY - SYSTEM APPLICABILITY - STATISTICAL CHARACTERISTICS - SERIES ELEMENTS                 |           | SeriesElements             |
| MESSAGE - SENDING COUNTRY - SYSTEM APPLICABILITY - STATISTICAL CHARACTERISTICS - SERIES ELEMENTS.Sequence number | n..5      | sequenceNumber             |

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| Appendix R: XML Mapping           |                              |
| 2. Data Groups                    |                              |

| Data-group or Data-item                                                                                        | Data type | XML-Tag                     |
|----------------------------------------------------------------------------------------------------------------|-----------|-----------------------------|
| MESSAGE - SENDING COUNTRY - SYSTEM APPLICABILITY - STATISTICAL CHARACTERISTICS - SERIES ELEMENTS.Other country | a2        | otherCountry                |
| MESSAGE - SENDING COUNTRY - SYSTEM APPLICABILITY - STATISTICAL CHARACTERISTICS - SERIES ELEMENTS.Counter       | n..9      | counter                     |
| MESSAGE - GUARANTEE REFERENCE                                                                                  |           | GuaranteeReference          |
| MESSAGE - GUARANTEE REFERENCE.Sequence number                                                                  | n..5      | sequenceNumber              |
| MESSAGE - GUARANTEE REFERENCE.GRN                                                                              | an..24    | GRN                         |
| MESSAGE - GUARANTEE REFERENCE.Currency                                                                         | a3        | currency                    |
| MESSAGE - GUARANTEE REFERENCE.Issue date                                                                       | an10      | issueDate                   |
| MESSAGE - GUARANTEE REFERENCE.Reference amount                                                                 | n..16,2   | referenceAmount             |
| MESSAGE - GUARANTEE REFERENCE.Percentage of reference amount                                                   | n..3      | percentageOfReferenceAmount |
| MESSAGE - GUARANTEE REFERENCE.Guarantee amount                                                                 | n..16,2   | guaranteeAmount             |
| MESSAGE - GUARANTEE REFERENCE.Master access code                                                               | an..4     | masterAccessCode            |
| MESSAGE - GUARANTEE REFERENCE.Number of certificates                                                           | n..8      | numberOfCertificates        |
| MESSAGE - GUARANTEE REFERENCE.Validity date                                                                    | an10      | validityDate                |
| MESSAGE - GUARANTEE REFERENCE.Invalidity date                                                                  | an10      | invalidityDate              |
| MESSAGE - GUARANTEE REFERENCE.Invalidity reason code                                                           | an3       | invalidityReasonCode        |
| MESSAGE - GUARANTEE REFERENCE.Restricted use (suspended goods)                                                 | n1        | restrictedUseSuspendedGoods |
| MESSAGE - GUARANTEE REFERENCE.Liability liberation date                                                        | an10      | liabilityLiberationDate     |
| MESSAGE - GUARANTEE REFERENCE.Acceptance date and time                                                         | an19      | acceptanceDateAndTime       |
| MESSAGE - GUARANTEE REFERENCE.Guarantee type                                                                   | an1       | guaranteeType               |
| MESSAGE - GUARANTEE REFERENCE.Guarantee monitoring code                                                        | n1        | guaranteeMonitoringCode     |
| MESSAGE - GUARANTEE REFERENCE.Invalidity reason text                                                           | an..512   | invalidityReasonText        |
| MESSAGE - GUARANTEE REFERENCE - INVALID GUARANTEE REASON                                                       |           | InvalidGuaranteeReason      |
| MESSAGE - GUARANTEE REFERENCE - INVALID GUARANTEE REASON.Sequence number                                       | n..5      | sequenceNumber              |
| MESSAGE - GUARANTEE REFERENCE - INVALID GUARANTEE REASON.Code                                                  | an..3     | code                        |
| MESSAGE - GUARANTEE REFERENCE - INVALID GUARANTEE REASON.Text                                                  | an..512   | text                        |
| MESSAGE - GUARANTEE REFERENCE.Access code                                                                      | an..4     | accessCode                  |
| MESSAGE - GUARANTEE REFERENCE - GUARANTEE QUERY                                                                |           | GuaranteeQuery              |
| MESSAGE - GUARANTEE REFERENCE - GUARANTEE QUERY.Query identifier                                               | n1        | queryIdentifier             |
| MESSAGE - GUARANTEE REFERENCE - GUARANTEE QUERY.Period from date                                               | an10      | periodFromDate              |
| MESSAGE - GUARANTEE REFERENCE - GUARANTEE QUERY.Period to date                                                 | an10      | periodToDate                |
| MESSAGE - GUARANTEE REFERENCE - OWNER                                                                          |           | Owner                       |
| MESSAGE - GUARANTEE REFERENCE - OWNER.Identification number                                                    | an..17    | identificationNumber        |
| MESSAGE - GUARANTEE REFERENCE - OWNER.Name                                                                     | an..70    | name                        |
| MESSAGE - GUARANTEE REFERENCE - OWNER - ADDRESS                                                                |           | Address                     |
| MESSAGE - GUARANTEE REFERENCE - OWNER - ADDRESS.Street and number                                              | an..70    | streetAndNumber             |
| MESSAGE - GUARANTEE REFERENCE - OWNER - ADDRESS.Postcode                                                       | an..17    | postcode                    |
| MESSAGE - GUARANTEE REFERENCE - OWNER - ADDRESS.City                                                           | an..35    | city                        |
| MESSAGE - GUARANTEE REFERENCE - OWNER - ADDRESS.Country                                                        | a2        | country                     |
| MESSAGE - GUARANTEE REFERENCE - CUSTOMS OFFICE OF GUARANTEE                                                    |           | CustomsOfficeOfGuarantee    |
| MESSAGE - GUARANTEE REFERENCE - CUSTOMS OFFICE OF GUARANTEE.Reference number                                   | an8       | referenceNumber             |
| MESSAGE - GUARANTEE REFERENCE - USAGE                                                                          |           | Usage                       |
| MESSAGE - GUARANTEE REFERENCE - USAGE.Sequence number                                                          | n..5      | sequenceNumber              |
| MESSAGE - GUARANTEE REFERENCE - USAGE.MRN                                                                      | an18      | MRN                         |
| MESSAGE - GUARANTEE REFERENCE - USAGE.Covered amount                                                           | n..16,2   | coveredAmount               |
| MESSAGE - GUARANTEE REFERENCE - USAGE.Currency                                                                 | a3        | currency                    |
| MESSAGE - GUARANTEE REFERENCE - USAGE.Lock date                                                                | an10      | lockDate                    |
| MESSAGE - GUARANTEE REFERENCE - USAGE.Arrival date and time                                                    | an19      | arrivalDateAndTime          |
| MESSAGE - GUARANTEE REFERENCE - USAGE.Release date                                                             | an10      | releaseDate                 |
| MESSAGE - GUARANTEE REFERENCE - EXPOSURE                                                                       |           | Exposure                    |

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| Appendix R: XML Mapping           |                              |
| 2. Data Groups                    |                              |

| Data-group or Data-item                                                                                             | Data type | XML-Tag                                     |
|---------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------|
| MESSAGE - GUARANTEE REFERENCE - EXPOSURE.Exposure                                                                   | n..16,2   | exposure                                    |
| MESSAGE - GUARANTEE REFERENCE - EXPOSURE.Exposure counter                                                           | n..8      | exposureCounter                             |
| MESSAGE - GUARANTEE REFERENCE - EXPOSURE.Balance                                                                    | n..16,2   | balance                                     |
| MESSAGE - GUARANTEE REFERENCE - EXPOSURE.Currency                                                                   | a3        | currency                                    |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR                                                                           |           | Guarantor                                   |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR.Contact details in country of competent authority                         | an..140   | contactDetailsInCountryOfCompetentAuthority |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR.Identification number                                                     | an..17    | identificationNumber                        |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR.Name                                                                      | an..70    | name                                        |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR - ADDRESS                                                                 |           | Address                                     |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR - ADDRESS.Street and number                                               | an..70    | streetAndNumber                             |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR - ADDRESS.Postcode                                                        | an..17    | postcode                                    |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR - ADDRESS.City                                                            | an..35    | city                                        |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR - ADDRESS.Country                                                         | a2        | country                                     |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR - CONTACT PERSON                                                          |           | ContactPerson                               |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR - CONTACT PERSON.Name                                                     | an..70    | name                                        |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR - CONTACT PERSON.Phone number                                             | an..35    | phoneNumber                                 |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR - CONTACT PERSON.E-mail address                                           | an..256   | eMailAddress                                |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR - AGENT IN COUNTRY OF COMPETENT AUTHORITY                                 |           | AgentInCountryOfCompetentAuthority          |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR - AGENT IN COUNTRY OF COMPETENT AUTHORITY.Identification number           | an..17    | identificationNumber                        |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR - AGENT IN COUNTRY OF COMPETENT AUTHORITY.Name                            | an..70    | name                                        |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR - AGENT IN COUNTRY OF COMPETENT AUTHORITY - ADDRESS                       |           | Address                                     |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR - AGENT IN COUNTRY OF COMPETENT AUTHORITY - ADDRESS.Street and number     | an..70    | streetAndNumber                             |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR - AGENT IN COUNTRY OF COMPETENT AUTHORITY - ADDRESS.Postcode              | an..17    | postcode                                    |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR - AGENT IN COUNTRY OF COMPETENT AUTHORITY - ADDRESS.City                  | an..35    | city                                        |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR - AGENT IN COUNTRY OF COMPETENT AUTHORITY - ADDRESS.Country               | a2        | country                                     |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR - AGENT IN COUNTRY OF COMPETENT AUTHORITY - CONTACT PERSON                |           | ContactPerson                               |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR - AGENT IN COUNTRY OF COMPETENT AUTHORITY - CONTACT PERSON.Name           | an..70    | name                                        |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR - AGENT IN COUNTRY OF COMPETENT AUTHORITY - CONTACT PERSON.Phone number   | an..35    | phoneNumber                                 |
| MESSAGE - GUARANTEE REFERENCE - GUARANTOR - AGENT IN COUNTRY OF COMPETENT AUTHORITY - CONTACT PERSON.E-mail address | an..256   | eMailAddress                                |
| MESSAGE - GUARANTEE REFERENCE.TIR Carnet                                                                            | n1        | TIRCarnet                                   |
| MESSAGE - GUARANTEE REFERENCE - COMPREHENSIVE GUARANTEE                                                             |           | ComprehensiveGuarantee                      |
| MESSAGE - GUARANTEE REFERENCE - COMPREHENSIVE GUARANTEE.Reference amount                                            | n..16,2   | referenceAmount                             |
| MESSAGE - GUARANTEE REFERENCE - COMPREHENSIVE GUARANTEE.Percentage of reference amount                              | n..3      | percentageOfReferenceAmount                 |
| MESSAGE - GUARANTEE REFERENCE - COMPREHENSIVE GUARANTEE.Guarantee amount                                            | n..16,2   | guaranteeAmount                             |
| MESSAGE - GUARANTEE REFERENCE - COMPREHENSIVE GUARANTEE.Currency                                                    | a3        | currency                                    |
| MESSAGE - GUARANTEE REFERENCE - COMPREHENSIVE GUARANTEE.Number of certificates                                      | n..8      | numberOfCertificates                        |
| MESSAGE - GUARANTEE REFERENCE - COMPREHENSIVE GUARANTEE.Validity start date                                         | an10      | validityStartDate                           |
| MESSAGE - GUARANTEE REFERENCE - COMPREHENSIVE GUARANTEE.Validity end date                                           | an10      | validityEndDate                             |

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| Appendix R: XML Mapping           |                              |
| 2. Data Groups                    |                              |

| Data-group or Data-item                                                                                            | Data type | XML-Tag                            |
|--------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------|
| MESSAGE - GUARANTEE REFERENCE - COMPREHENSIVE GUARANTEE.Invalidity reason code                                     | an3       | invalidityReasonCode               |
| MESSAGE - GUARANTEE REFERENCE - COMPREHENSIVE GUARANTEE.Invalidity reason text                                     | an..512   | invalidityReasonText               |
| MESSAGE - GUARANTEE REFERENCE - COMPREHENSIVE GUARANTEE.Liability liberation date                                  | an10      | liabilityLiberationDate            |
| MESSAGE - GUARANTEE REFERENCE - COMPREHENSIVE GUARANTEE.Restricted use for suspended goods                         | n1        | restrictedUseForSuspendedGoods     |
| MESSAGE - GUARANTEE REFERENCE - COMPREHENSIVE GUARANTEE - VALIDITY LIMITATION                                      |           | ValidityLimitation                 |
| MESSAGE - GUARANTEE REFERENCE - COMPREHENSIVE GUARANTEE - VALIDITY LIMITATION.Sequence number                      | n..5      | sequenceNumber                     |
| MESSAGE - GUARANTEE REFERENCE - COMPREHENSIVE GUARANTEE - VALIDITY LIMITATION.Guarantee not valid in               | a2        | guaranteeNotValidIn                |
| MESSAGE - GUARANTEE REFERENCE - INDIVIDUAL GUARANTEE BY GUARANTOR                                                  |           | IndividualGuaranteeByGuarantor     |
| MESSAGE - GUARANTEE REFERENCE - INDIVIDUAL GUARANTEE BY GUARANTOR.Guarantee amount                                 | n..16,2   | guaranteeAmount                    |
| MESSAGE - GUARANTEE REFERENCE - INDIVIDUAL GUARANTEE BY GUARANTOR.Currency                                         | a3        | currency                           |
| MESSAGE - GUARANTEE REFERENCE - INDIVIDUAL GUARANTEE BY GUARANTOR - CUSTOMS OFFICE OF DEPARTURE                    |           | CustomsOfficeOfDeparture           |
| MESSAGE - GUARANTEE REFERENCE - INDIVIDUAL GUARANTEE BY GUARANTOR - CUSTOMS OFFICE OF DEPARTURE.Reference number   | an8       | referenceNumber                    |
| MESSAGE - GUARANTEE REFERENCE - INDIVIDUAL GUARANTEE BY GUARANTOR - CUSTOMS OFFICE OF DESTINATION                  |           | CustomsOfficeOfDestination         |
| MESSAGE - GUARANTEE REFERENCE - INDIVIDUAL GUARANTEE BY GUARANTOR - CUSTOMS OFFICE OF DESTINATION.Reference number | an8       | referenceNumber                    |
| MESSAGE - GUARANTEE REFERENCE - INDIVIDUAL GUARANTEE VOUCHER                                                       |           | IndividualGuaranteeVoucher         |
| MESSAGE - GUARANTEE REFERENCE - INDIVIDUAL GUARANTEE VOUCHER.Issue date                                            | an10      | issueDate                          |
| MESSAGE - GUARANTEE REFERENCE - INDIVIDUAL GUARANTEE VOUCHER.Expiry date                                           | an10      | expiryDate                         |
| MESSAGE - GUARANTEE REFERENCE - INDIVIDUAL GUARANTEE VOUCHER.Copy given                                            | n1        | copyGiven                          |
| MESSAGE - GUARANTEE REFERENCE - INDIVIDUAL GUARANTEE VOUCHER.TIR Carnet                                            | n1        | TIRCarnet                          |
| MESSAGE - GUARANTEE REFERENCE - INDIVIDUAL GUARANTEE VOUCHER.Voucher amount                                        | n..16,2   | voucherAmount                      |
| MESSAGE - GUARANTEE REFERENCE - INDIVIDUAL GUARANTEE VOUCHER.Currency                                              | a3        | currency                           |
| MESSAGE - GUARANTEE REFERENCE - ACCESS CODE                                                                        |           | AccessCode                         |
| MESSAGE - GUARANTEE REFERENCE - ACCESS CODE.Access code                                                            | an..4     | accessCode                         |
| MESSAGE - GUARANTEE REFERENCE - ACCESS CODE.Access code current                                                    | an..4     | accessCodeCurrent                  |
| MESSAGE - GUARANTEE REFERENCE - ACCESS CODE.Access code new                                                        | an..4     | accessCodeNew                      |
| MESSAGE - GUARANTEE REFERENCE.Expiry date                                                                          | an10      | expiryDate                         |
| MESSAGE - GUARANTEE REFERENCE.Copy given                                                                           | n1        | copyGiven                          |
| MESSAGE - GUARANTEE REFERENCE.Voucher amount                                                                       | n..16,2   | voucherAmount                      |
| MESSAGE - FUNCTIONAL ERROR                                                                                         |           | FunctionalError                    |
| MESSAGE - FUNCTIONAL ERROR.Sequence number                                                                         | n..5      | sequenceNumber                     |
| MESSAGE - FUNCTIONAL ERROR.Error pointer                                                                           | an..512   | errorPointer                       |
| MESSAGE - FUNCTIONAL ERROR.Error code                                                                              | n2        | errorCode                          |
| MESSAGE - FUNCTIONAL ERROR.Error reason                                                                            | an..7     | errorReason                        |
| MESSAGE - FUNCTIONAL ERROR.Original attribute value                                                                | an..512   | originalAttributeValue             |
| MESSAGE - CUSTOMS OFFICE OF RECOVERY AT DEPARTURE                                                                  |           | CustomsOfficeOfRecoveryAtDeparture |
| MESSAGE - CUSTOMS OFFICE OF RECOVERY AT DEPARTURE.Reference number                                                 | an8       | referenceNumber                    |
| MESSAGE - EVALUATED MESSAGE                                                                                        |           | EvaluatedMessage                   |
| MESSAGE - EVALUATED MESSAGE.Message type                                                                           | an6       | messageType                        |
| MESSAGE - EVALUATED MESSAGE.Country                                                                                | a2        | country                            |
| MESSAGE - EVALUATED MESSAGE.Year                                                                                   | n4        | year                               |
| MESSAGE - EVALUATED MESSAGE.Month                                                                                  | an2       | month                              |
| MESSAGE - CONSISTENCY CHECK WARNING                                                                                |           | ConsistencyCheckWarning            |

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| Appendix R: XML Mapping           |                              |
| 2. Data Groups                    |                              |

| Data-group or Data-item                                      | Data type | XML-Tag                |
|--------------------------------------------------------------|-----------|------------------------|
| MESSAGE - CONSISTENCY CHECK WARNING.Warning pointer          | an..512   | warningPointer         |
| MESSAGE - CONSISTENCY CHECK WARNING.Warning code             | an6       | warningCode            |
| MESSAGE - CONSISTENCY CHECK WARNING.Original attribute value | an..512   | originalAttributeValue |