



# - ICS 2 Interface (XML) -

## Response

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## Change history

Version	Chapter/ Section	Reason	Name	Date
1.0.0	All	Release version	Malzahn	09.02.2023
1.0.1	5	AdditionalInformationCode adapted	Malzahn	02.06.2023
1.0.2	5	LRN updated to 22 places	Malzahn	19.06.2023
1.0.3	Data contained in response messages	Better description of all message types	Kunze	20.09.2023

## Change requests

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## Used tools

Number	Used tools
W1	This document has been created using <i>Microsoft Word 2016</i> .

## Liability

1. Please note that no liability claims can be derived towards DAKOSY AG for the content of this manual, despite careful development and examination of this document!

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# 1 Introduction

This document describes the XML Response message, as it is used within the ZODIAK ICS2 system. Within ZODIAK ICS2, the Response mainly serves three purposes:

- a) Inform a message sender about the processing of it's message (whether it was accepted or rejected at one of the communication partners – DAKOSY, STI, Customs - and, if rejected, for which reason)
- b) Provide the ENS responsible with the MRN number after a declaration has been registered by customs
- c) Inform the ENS responsible and/or carrier about customs intervention ("Do Not Load" message or other control measures)

## 2 Data contained in Response Messages

The Shared Trader Interface (STI) has been implemented several messages for transmission of status and errors. For the sake of simplicity, those messages have been consolidated into a Response (XML) and an APERAK/IFTSTA (Edifact) respectively. Following is an overview of messages that will be sent from STI:

N01	ENS lifecycle validation error notification
N02	ENS incomplete: Information from the STI system for the carrier that the subsequent declarant (house filer) has not filed all necessary information. The message is indicating which supplementary declarant has not filed. See also N11.
N03	Risk assessment complete: Information from the STI system that the risk assessment for a particular ENS is completed by customs authorities.
N04	Additional information request notification: Information from the STI system about a RFI request (see Q02).
N05	HRCM request notification: Information from the STI system about a HRCM request (see Q03).
N08	Control: From the STI system after the received Arrival notification. In case there is a decision from the COFE to control the goods, an IE3N08 Control notification is sent to the relevant parties.
N09	AEO Control: During the advance cargo risk analysis the customs authorities of the RMS can decide to notify in advance the economic operator for their decision to perform controls. If the Person filing the ENS is a holder of an AEOS/AEOF authorisation then an IE3N09 AEO control notification is received.
N10	Amendment Notification: Information from the STI system that the amendment of a particular ENS message was accepted.
N11	ENS pending: Information from the STI system. In case of multiple filing, the supplementary declarant which has not filed is notified via N11 ENS pending notification. See also N02
N99	Error notification
Q01	Do not load request: Request from the STI system received by both the Person filing and the Carrier, if different, when serious risk was identified. This request is applicable only to the containerized cargo.
Q02	Request for additional information (RFI): Request from the STI system to provide additional information about a particular ENS via an amendment or a R02 response message.
Q03	Request for High Risk Cargo & Mail screening (HRCM): Request from the STI system for a screening regarding a particular ENS. Response to this request is via R03 message.
Q05	ENS Status Request: Status request of a declarant to the STI system regarding a particular ENS message.
R01	Registration (with MRN): Information from the STI system that the a particular ENS message was accepted. The registration message contains the needed MRN which is the reference for all follow up messages.
R04	Arrival registration: Information from the STI system that the a particular arrival notification message was accepted. The registration message contains a new arrival MRN.
R07	Acceptance of cancellation: Information from the STI system that the cancellation of a particular ENS message was accepted.
R08	Reply to ENS status request: Reply from the STI system to the status request of a declarant regarding a particular ENS message. The reply will contain something like "Registered" or "Rejected" (see CL744)

In addition to the message types above, there are a few types that originate from the ZODIAK ICS2 system:

Message	Description
ERR	General error message
INF	General status message
OK	Acceptance message

The purpose of these “multi use” messages can be determined based on the contents of the Element “ResponseType” within the messages. An exact description of this data field can be found in the message description below.

## 2.1 Error Codes

The error codes sent by the customs agencies are currently not published, therefore DAKOSY cannot provide a comprehensive list of these codes.

### 3 Example

Below an example message for an Assessment complete notification (N03). For example messages for all types please download it from our website: <https://www.dakosy.de/en/support/documentation-for-developers/interfaces-customs#c14429>

```
<?xml version="1.0" encoding="UTF-8"?>
<ICS2Message xsi:noNamespaceSchemaLocation="https://xsd.dakosy.de/ics2/ICS2Message.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Transaction>
    <IOPartner>DAKT</IOPartner>
    <IOReference>2bb3e99ba5f34158b8da9159797e8344</IOReference>
    <IODateTime>2023-02-02T17:27:09Z</IODateTime>
    <Version>1</Version>
  </Transaction>
  <Messages>
    <Response>
      <ResponseType>N03</ResponseType>
      <ResponseOrigin>STI</ResponseOrigin>
      <Date>
        <Date>2023-02-02T17:26:12Z</Date>
        <DateType>Completion</DateType>
      </Date>
      <LRN>AK-CONF-2023-F123-3</LRN>
      <MRN>23DE0200003ODW2AT5</MRN>
      <MemberState>
        <Country>DE</Country>
        <Type>RESPONSIBLE</Type>
      </MemberState>
      <Carrier>
        <IdentificationNumber>DE231234</IdentificationNumber>
      </Carrier>
      <Declarant>
        <IdentificationNumber>DE231234</IdentificationNumber>
      </Declarant>
      <TransportDocument>
        <ReferenceNumber>112233445333</ReferenceNumber>
        <Type>N740</Type>
      </TransportDocument>
      <AssessmentComplete>
        <TransportDocument>
          <DocumentNumber>112233445333</DocumentNumber>
          <Type>N740</Type>
        </TransportDocument>
      </AssessmentComplete>
    </Response>
  </Messages>
</ICS2Message>
```



## 4 Element usage by message type

The usage of certain elements within the Response message varies depending on the type of information that is submitted in the message:

Message type	Element usage
N99	<ul style="list-style-type: none"> <li>• Functional reference instead of LRN/MRN</li> <li>• Notification date is mandatory</li> <li>• Addressed member state is used</li> <li>• Error is mandatory</li> </ul>
N01	<ul style="list-style-type: none"> <li>• LRN/MRN</li> <li>• Notification date is mandatory</li> <li>• Addressed member state is used</li> <li>• Error is mandatory</li> </ul>
N02	<ul style="list-style-type: none"> <li>• MRN</li> <li>• Notification date is mandatory</li> <li>• Supplementary declarant is mandatory</li> </ul>
N03	<ul style="list-style-type: none"> <li>• MRN</li> <li>• Completion date is mandatory</li> <li>• Responsible member state is mandatory</li> <li>• Assessment complete is used</li> </ul>
N04	<ul style="list-style-type: none"> <li>• MRN</li> <li>• Document Issue date is mandatory</li> <li>• Responsible member state is mandatory</li> <li>• Referral Request details are mandatory</li> </ul>
N05	<ul style="list-style-type: none"> <li>• MRN</li> <li>• Document Issue date is mandatory</li> <li>• Responsible member state is mandatory</li> <li>• Referral Request details are mandatory</li> </ul>
N07	<ul style="list-style-type: none"> <li>• MRN</li> <li>• Notification date is mandatory</li> <li>• Referral Request details are mandatory</li> <li>• Error is mandatory</li> </ul>
N08	<ul style="list-style-type: none"> <li>• MRN</li> <li>• Notification date is mandatory</li> <li>• Responsible member state is mandatory</li> <li>• Referral Request details are mandatory</li> </ul>
N09	<ul style="list-style-type: none"> <li>• MRN</li> <li>• Notification date is mandatory</li> <li>• Customs office of control is mandatory</li> <li>• Control is mandatory</li> </ul>
N10	<ul style="list-style-type: none"> <li>• MRN</li> <li>• Completion date is mandatory</li> <li>• Addressed member state is mandatory</li> </ul>
N11	<ul style="list-style-type: none"> <li>• No MRN/LRN</li> <li>• Notification date is mandatory</li> <li>• Supplementary declarant are mandatory</li> </ul>
Q01	<ul style="list-style-type: none"> <li>• MRN</li> </ul>

	<ul style="list-style-type: none"> <li>• Document Issue date is mandatory</li> <li>• Responsible member state is mandatory</li> <li>• Do not load details are mandatory</li> </ul>
Q02	<ul style="list-style-type: none"> <li>• MRN</li> <li>• Document Issue date is mandatory</li> <li>• Responsible member state is mandatory</li> <li>• Referral Request details are mandatory</li> </ul>
Q03	<ul style="list-style-type: none"> <li>• MRN</li> <li>• Document Issue date is mandatory</li> <li>• Responsible member state is mandatory</li> <li>• Referral Request details are mandatory</li> </ul>
R01	<ul style="list-style-type: none"> <li>• LRN/MRN</li> <li>• Registration date is mandatory</li> <li>• Addressed member state is used</li> </ul>
R04	<ul style="list-style-type: none"> <li>• LRN/MRN</li> <li>• Registration date is mandatory</li> </ul>
R07	<ul style="list-style-type: none"> <li>• MRN</li> <li>• Completion date is mandatory</li> <li>• Addressed member state is used</li> </ul>
R08	<ul style="list-style-type: none"> <li>• Functional reference</li> <li>• ENS Entity is mandatory</li> <li>•</li> </ul>

## **5 Message Structure**

## Structure

Occurrence	Element/Attribute
	<b>ICS2Message</b>
1 .. 1	xs:sequence
<b>0 .. 1</b>	<b>Transaction</b>
1 .. 1	xs:sequence
1 .. 1	<b>IOPartner</b>
0 .. 1	<b>IODivision1</b>
0 .. 1	<b>IODivision2</b>
0 .. 1	<b>IODivision3</b>
0 .. 1	<b>OrgUnit</b>
1 .. 1	<b>IOReference</b>
1 .. 1	<b>IODateTime</b>
1 .. 1	<b>Version</b>
<b>0 .. 1</b>	<b>Messages</b>
1 .. 1	xs:sequence
1 .. 1	xs:choice
<b>0 .. 1</b>	<b>Response</b>
1 .. 1	xs:sequence
0 .. 1	<b>ResponseType</b>
0 .. 1	<b>ResponseOrigin</b>
0 .. 1	<b>FunctionalReference</b>
<b>0 .. 2</b>	<b>Date</b>
1 .. 1	xs:sequence
1 .. 1	<b>Date</b>
1 .. 1	<b>DateType</b>
0 .. 1	<b>LRN</b>
0 .. 1	<b>MRN</b>
<b>0 .. 1</b>	<b>MemberState</b>
1 .. 1	xs:sequence
1 .. 1	<b>Country</b>
1 .. 1	<b>Type</b>
<b>0 .. 1</b>	<b>CustomsOffice</b>
1 .. 1	xs:sequence
1 .. 1	<b>ReferenceNumber</b>
1 .. 1	<b>Type</b>
<b>0 .. 1</b>	<b>Representative</b>
1 .. 1	xs:sequence
0 .. 1	<b>IdentificationNumber</b>
0 .. 1	<b>TypeOfPerson</b>
<b>0 .. 1</b>	<b>Carrier</b>
1 .. 1	xs:sequence
0 .. 1	<b>IdentificationNumber</b>
<b>0 .. 1</b>	<b>Declarant</b>
1 .. 1	xs:sequence
0 .. 1	<b>IdentificationNumber</b>
<b>0 .. 99999</b>	<b>SupplementaryDeclarant</b>
1 .. 1	xs:sequence
0 .. 1	<b>IdentificationNumber</b>
<b>0 .. 1</b>	<b>NotifyParty</b>
1 .. 1	xs:sequence
0 .. 1	<b>IdentificationNumber</b>

Bold = Simple Element, Bold on grey background = Complex Element, Italic = Attribute, Grey = Group

Response

Occurrence	Element/Attribute
<b>0 .. 1</b>	<b>PersonNotifyingTheArrival</b>
1 .. 1	xs:sequence
0 .. 1	IdentificationNumber
0 .. 999	ReceptacleIdentificationNumber
<b>0 .. 1</b>	<b>TransportDocument</b>
1 .. 1	xs:sequence
1 .. 1	ReferenceNumber
1 .. 1	Type
<b>0 .. 99999</b>	<b>TransportDocumentHouse</b>
1 .. 1	xs:sequence
1 .. 1	ReferenceNumber
1 .. 1	Type
0 .. 9999	ContainerNumber
<b>0 .. 99999</b>	<b>Error</b>
1 .. 1	xs:sequence
0 .. 1	TechnicalErrorMessage
0 .. 1	Description
1 .. 1	ValidationCode
0 .. 1	MessageElementPath
<b>0 .. 99999</b>	<b>ENSEntity</b>
1 .. 1	xs:sequence
1 .. 1	Type
1 .. 1	Identification
1 .. 1	State
<b>0 .. 99999</b>	<b>Control</b>
1 .. 1	xs:sequence
<b>0 .. 1</b>	<b>ExaminationPlace</b>
1 .. 1	xs:sequence
0 .. 1	PlaceOfExamination
0 .. 1	ReferenceNumber
<b>0 .. 1</b>	<b>ConsignmentMaster</b>
1 .. 1	xs:sequence
0 .. 999	ReceptacleIdentificationNumber
<b>0 .. 9999</b>	<b>GoodsItem</b>
1 .. 1	xs:sequence
1 .. 1	GoodsItemNumber
<b>0 .. 99</b>	<b>Packaging</b>
1 .. 1	xs:sequence
0 .. 1	ShippingMarks
1 .. 1	TypeOfPackages
0 .. 9999	ContainerIdentificationNumber
<b>0 .. 99999</b>	<b>ConsignmentHouse</b>
<b>0 .. 99</b>	<b>Packaging</b>
1 .. 1	xs:sequence
0 .. 1	ShippingMarks
1 .. 1	TypeOfPackages
0 .. 9999	ContainerIdentificationNumber
<b>0 .. 1</b>	<b>AssessmentComplete</b>
1 .. 1	xs:sequence
0 .. 999	ReceptacleIdentificationNumber
<b>0 .. 99999</b>	<b>TransportDocument</b>
1 .. 1	xs:sequence

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Response

Occurrence	Element/Attribute
1 .. 1	DocumentNumber
1 .. 1	Type
0 .. 9999	ContainerIdentificationNumber
<b>0 .. 1</b>	<b>DoNotLoadDetails</b>
1 .. 1	xs:sequence
0 .. 999	ReceptacleIdentificationNumber
<b>0 .. 1</b>	<b>TransportDocument</b>
1 .. 1	xs:sequence
1 .. 1	DocumentNumber
1 .. 1	Type
0 .. 9999	ContainerIdentificationNumber
<b>0 .. 999</b>	<b>ReferralRequestDetails</b>
1 .. 1	xs:sequence
0 .. 1	ReferralRequestReference
0 .. 1	RequestType
<b>0 .. 1</b>	<b>TransportDocumentMaster</b>
1 .. 1	xs:sequence
1 .. 1	ReferenceNumber
1 .. 1	Type
<b>0 .. 1</b>	<b>TransportDocumentHouse</b>
1 .. 1	xs:sequence
1 .. 1	ReferenceNumber
1 .. 1	Type
<b>0 .. 99</b>	<b>SupportingDocuments</b>
1 .. 1	xs:sequence
1 .. 1	ReferenceNumber
1 .. 1	Type
<b>0 .. 99</b>	<b>AdditionalInformation</b>
1 .. 1	xs:sequence
0 .. 1	Code
0 .. 1	Text
0 .. 1	Type
0 .. 1	MessageElementPath
0 .. 9	RecommendedHRCMScreeningMethod

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## Guideline

Element/Attribute	Annotation
<b>ICS2Message</b>	<b>Type</b> ICS2MessageType
xs:sequence	<b>Occurrence</b> 1 .. 1
<b>Transaction</b>	<b>Occurrence</b> 0 .. 1 <b>Type</b> TransactionICSType
xs:sequence	<b>Occurrence</b> 1 .. 1
<b>IOPartner</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> an..10 <b>Length</b> .. 10 <b>Description</b> DAKOSY Participant Code of the sending party
<b>IODivision1</b>	<b>Occurrence</b> 0 .. 1 <b>Type</b> an..10 <b>Length</b> .. 10 <b>Description</b> Additional Code used for DAKOSY-internal purposes
<b>IODivision2</b>	<b>Occurrence</b> 0 .. 1 <b>Type</b> an..10 <b>Length</b> .. 10 <b>Description</b> Additional Code used for DAKOSY-internal purposes
<b>IODivision3</b>	<b>Occurrence</b> 0 .. 1 <b>Type</b> an..10 <b>Length</b> .. 10 <b>Description</b> Additional Code used for DAKOSY-internal purposes
<b>OrgUnit</b>	<b>Occurrence</b> 0 .. 1 <b>Type</b> an..256 <b>Length</b> .. 256
<b>IOReference</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> an..35 <b>Length</b> .. 35 <b>Description</b> A unique reference number identifying this XML interchange.
<b>IODateTime</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> xs:dateTime <b>Description</b> Date and time of interchange creation
<b>Version</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> an..3 <b>Length</b> .. 3 <b>Description</b> Interface specification Version
<b>Messages</b>	<b>Occurrence</b> 0 .. 1
xs:sequence	<b>Occurrence</b> 1 .. 1
xs:choice	<b>Occurrence</b> 1 .. 1
<b>Response</b>	<b>Occurrence</b> 0 .. 1 <b>Type</b> ResponseType
xs:sequence	<b>Occurrence</b> 1 .. 1
<b>ResponseType</b>	<b>Occurrence</b> 0 .. 1 <b>Type</b> ResponseTypeType <b>Length</b> 1 .. 8
<b>Applicable Codes</b>	
<b>ERR</b>	Error
<b>INF</b>	Information
<b>N01</b>	ENS lifecycle validation error notification
<b>N02</b>	ENS Not complete notification
<b>N03</b>	Assessment complete notification
<b>N04</b>	Additional information request notification
<b>N05</b>	High Risk Cargo & Mail screening request notification
<b>N07</b>	House consignment in incorrect state notification
<b>N08</b>	Control notification
<b>N09</b>	Authorised Economic Operator control notification
<b>N10</b>	Amendment Notification

Bold = Element, *Italic* = Attribute, Grey = Group

Response

Element/Attribute	Annotation
	<b>Applicable Codes</b>
	<b>N11</b> ENS pending notification
	<b>N99</b> Error notification
	<b>OK</b> Accepted
	<b>Q01</b> Do Not Load request
	<b>Q02</b> Additional information request
	<b>Q03</b> High Risk Cargo & Mail screening request
	<b>R01</b> ENS Registration Response
	<b>R04</b> Arrival Registration Response
	<b>R07</b> Invalidation Acceptance Response
	<b>R08</b> ENS Consultation results
<b>ResponseOrigin</b>	<b>Occurrence</b> 0 .. 1 <b>Type</b> ResponseOriginType <b>Length</b> 1 .. 17
	<b>Applicable Codes</b>
	<b>DAK</b> Message originated from DAKOSY
	<b>OTH</b> Message originated from other sources
	<b>STI</b> Message originated from STI
<b>FunctionalReference</b>	<b>Occurrence</b> 0 .. 1 <b>Type</b> an..35 <b>Length</b> .. 35 <b>Description</b> Functional reference number
<b>Date</b>	<b>Occurrence</b> 0 .. 2 <b>Type</b> DateType
<i>xs:sequence</i>	
<b>Date</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> xs:dateTime
<b>DateType</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> DateTypeType
	<b>Applicable Codes</b>
	<b>Completion</b>
	<b>DocumentIssue</b>
	<b>Notification</b>
	<b>Registration</b>
	<b>ScheduledControl</b>
<b>LRN</b>	<b>Occurrence</b> 0 .. 1 <b>Type</b> an..22 <b>Length</b> .. 22 <b>Description</b> Functional reference number
<b>MRN</b>	<b>Occurrence</b> 0 .. 1 <b>Type</b> an..18 <b>Length</b> .. 18
<b>MemberState</b>	<b>Occurrence</b> 0 .. 1
<i>xs:sequence</i>	<b>Occurrence</b> 1 .. 1
<b>Country</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> a2 <b>Pattern</b> [a-zA-Z]{2}
<b>Type</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> MemberStateTypeType <b>Length</b> 1 .. 15
	<b>Applicable Codes</b>
	<b>ADDRESSED</b>
	<b>RESPONSIBLE</b>
<b>CustomsOffice</b>	<b>Occurrence</b> 0 .. 1
<i>xs:sequence</i>	<b>Occurrence</b> 1 .. 1
<b>ReferenceNumber</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> an8 <b>Length</b> 8 .. 8 <b>Remark</b> Customs office list (COL as published in CS/RD2)

Bold = Element, Italic = Attribute, Grey = Group



Response

Element/Attribute	Annotation
Type	Occurrence 1 .. 1 Type CustomsOfficeTypeType Length 1 .. 15 <b>Applicable Codes</b> CONTROL FIRST_ENTRY
Representative	Occurrence 0 .. 1 Type PartyType
xs:sequence	Occurrence 1 .. 1
IdentificationNumber	Occurrence 0 .. 1 Type an..17 Length .. 17 Remark EORI number shall be declared. Description Agent, coded
TypeOfPerson	Occurrence 0 .. 1 Type TypeOfPersonType Length 1 .. 1 <b>Applicable Codes</b> 1 Natural person 2 Legal person 3 Association of persons
Carrier	Occurrence 0 .. 1 Type PartyType
xs:sequence	Occurrence 1 .. 1
IdentificationNumber	Occurrence 0 .. 1 Type an..17 Length .. 17 Remark EORI number shall be declared. Description Carrier identification
Declarant	Occurrence 0 .. 1 Type PartyType
xs:sequence	Occurrence 1 .. 1
IdentificationNumber	Occurrence 0 .. 1 Type an..17 Length .. 17 Remark EORI number shall be declared. Description Declarant, coded
SupplementaryDeclarant	Occurrence 0 .. 9999 Type PartyType
xs:sequence	Occurrence 1 .. 1
IdentificationNumber	Occurrence 0 .. 1 Type an..17 Length .. 17 Remark EORI number shall be declared. Description Supplementary declarant, coded
NotifyParty	Occurrence 0 .. 1 Type PartyType
xs:sequence	Occurrence 1 .. 1
IdentificationNumber	Occurrence 0 .. 1 Type an..17 Length .. 17 Remark EORI number shall be declared. Description Agent, coded
PersonNotifyingTheArrival	Occurrence 0 .. 1 Type PartyType
xs:sequence	Occurrence 1 .. 1
IdentificationNumber	Occurrence 0 .. 1 Type an..17 Length .. 17 Remark EORI number shall be declared.

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Element/Attribute	Annotation
<b>ReceptacleIdentificationNumber</b>	<b>Description</b> Submitter, coded <b>Occurrence</b> 0 .. 999 <b>Type</b> an..35 <b>Length</b> .. 35
<b>TransportDocument</b>	<b>Occurrence</b> 0 .. 1
<i>xs:sequence</i>	<b>Occurrence</b> 1 .. 1
<b>ReferenceNumber</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> an..70 <b>Length</b> .. 70
<b>Type</b>	<b>Description</b> Transport document number <b>Occurrence</b> 1 .. 1 <b>Type</b> TransportDocumentTypeType <b>Length</b> 1 .. 8 <b>Description</b> Transport document type, coded
	<b>Applicable Codes</b>
	<b>C624</b> Form 302 <b>C625</b> Rhine Manifest <b>C664</b> CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93 <b>C665</b> CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93 <b>N703</b> House waybill <b>N704</b> Master bill of lading <b>N705</b> Bill of lading <b>N714</b> House bill of lading <b>N720</b> Consignment note CIM <b>N722</b> Road list - SMGS <b>N730</b> Road consignment note <b>N740</b> Air waybill <b>N741</b> Master airwaybill <b>N750</b> Movement by post including parcel post <b>N760</b> Multimodal / combined transport document
<b>TransportDocumentHouse</b>	<b>Occurrence</b> 0 .. 99999
<i>xs:sequence</i>	<b>Occurrence</b> 1 .. 1
<b>ReferenceNumber</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> an..70 <b>Length</b> .. 70
<b>Type</b>	<b>Description</b> Transport document number <b>Occurrence</b> 1 .. 1 <b>Type</b> TransportDocumentTypeType <b>Length</b> 1 .. 8 <b>Description</b> Transport document type, coded
	<b>Applicable Codes</b>
	<b>C624</b> Form 302 <b>C625</b> Rhine Manifest <b>C664</b> CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93 <b>C665</b> CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93 <b>N703</b> House waybill <b>N704</b> Master bill of lading <b>N705</b> Bill of lading <b>N714</b> House bill of lading <b>N720</b> Consignment note CIM <b>N722</b> Road list - SMGS <b>N730</b> Road consignment note <b>N740</b> Air waybill <b>N741</b> Master airwaybill <b>N750</b> Movement by post including parcel post <b>N760</b> Multimodal / combined transport document

Bold = Element, Italic = Attribute, Grey = Group

Element/Attribute	Annotation
<b>ContainerNumber</b>	<b>Occurrence</b> 0 .. 9999 <b>Type</b> an..17 <b>Length</b> .. 17
<b>Error</b>	<b>Occurrence</b> 0 .. 99999
<i>xs:sequence</i>	<b>Occurrence</b> 1 .. 1
<b>TechnicalErrorMessage</b>	<b>Occurrence</b> 0 .. 1 <b>Type</b> an..1024 <b>Length</b> .. 1024
<b>Description</b>	<b>Occurrence</b> 0 .. 1 <b>Type</b> an..512 <b>Length</b> .. 512 <b>Description</b> Error description
<b>ValidationCode</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> n..8 <b>FractionDigits</b> 0 <b>TotalDigits</b> 8 <b>Remark</b> Error, coded
	<b>Applicable Codes</b>
	<b>000</b> Accepted
	<b>12</b> Incorrect (code) value
	<b>13</b> Missing
	<b>14</b> Value not supported in this position (code value constraint)
	<b>15</b> Not supported in this position
	<b>19</b> Invalid decimal notation
	<b>26</b> Duplicate detected
	<b>35</b> Too many repetitions
	<b>37</b> Invalid type characters
	<b>38</b> Missing digit in front of decimal sign
	<b>39</b> Element too long (length constraint)
	<b>40</b> Element too short (length constraint)
	<b>70</b> Invalid Means of Transport Identification Number
	<b>71</b> House consignment in a wrong state
	<b>72</b> ENS filing in a wrong state
	<b>80</b> Unknown Transport Document Reference
	<b>81</b> Duplicate Transport Document Reference
	<b>90</b> Unknown MRN
	<b>91</b> Duplicate MRN
	<b>92</b> Message out of sequence
	<b>93</b> Invalid MRN
	<b>94</b> Duplicate LRN
	<b>95</b> Uniqueness Error
	<b>96</b> Incorrect entity reference
	<b>97</b> Not found
	<b>98</b> Unknown reference
	<b>100</b> Not satisfactory data quality
	<b>101</b> It is not possible to add new goods items or house consignments via an ENS filing amendment
	<b>102</b> Not allowed Unicode character
	<b>103</b> The date and time of arrival cannot be earlier than the date and time of departure
<b>MessageElementPath</b>	<b>Occurrence</b> 0 .. 1 <b>Type</b> an..512 <b>Length</b> .. 512
<b>ENSEntity</b>	<b>Occurrence</b> 0 .. 99999
<i>xs:sequence</i>	<b>Occurrence</b> 1 .. 1
<b>Type</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> ENSEntityTypeType <b>Length</b> 1 .. 8
	<b>Applicable Codes</b>
	<b>AMN</b> Amendment

Bold = Element, *Italic* = Attribute, Grey = Group

Element/Attribute	Annotation
	<b>Applicable Codes</b>
	<b>ARN</b> Arrival notification
	<b>CGS</b> Goods shipment
	<b>CHL</b> Consignment (House level)
	<b>CML</b> Master consignment
	<b>CPL</b> PLACI house consignment
	<b>ENF</b> ENS filing
	<b>ENS</b> ENS
	<b>INR</b> Invalidation request
	<b>SCE</b> HRCM screening result
<b>Identification</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> an..70 <b>Length</b> .. 70
<b>State</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> ENSEntityStateType <b>Length</b> 1 .. 8
	<b>Applicable Codes</b>
	<b>01</b> Registered
	<b>02</b> Rejected
	<b>03</b> Accepted
	<b>04</b> Pending linking
	<b>05</b> Linked
	<b>06</b> Pending association
	<b>07</b> Associated
	<b>09</b> Invalidated
	<b>10</b> Pending completeness
	<b>11</b> Complete
	<b>12</b> Considered complete for full risk analysis
	<b>19</b> Arrived
	<b>21</b> Presented
	<b>26</b> STI internal test code
<b>Control</b>	<b>Occurrence</b> 0 .. 99999
<i>xs:sequence</i>	<b>Occurrence</b> 1 .. 1
<b>ExaminationPlace</b>	<b>Occurrence</b> 0 .. 1
<i>xs:sequence</i>	<b>Occurrence</b> 1 .. 1
<b>PlaceOfExamination</b>	<b>Occurrence</b> 0 .. 1 <b>Type</b> an..256 <b>Length</b> .. 256 <b>Description</b> Place of physical examination
<b>ReferenceNumber</b>	<b>Occurrence</b> 0 .. 1 <b>Type</b> an..17 <b>Length</b> .. 17 <b>Description</b> Place of physical examination, coded
<b>ConsignmentMaster</b>	<b>Occurrence</b> 0 .. 1
<i>xs:sequence</i>	<b>Occurrence</b> 1 .. 1
<b>ReceptacleIdentificationNumber</b>	<b>Occurrence</b> 0 .. 999 <b>Type</b> an..35 <b>Length</b> .. 35
<b>GoodsItem</b>	<b>Occurrence</b> 0 .. 9999
<i>xs:sequence</i>	<b>Occurrence</b> 1 .. 1
<b>GoodsItemNumber</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> n..5 <b>FractionDigits</b> 0 <b>TotalDigits</b> 5 <b>Description</b> Sequence number
<b>Packaging</b>	<b>Occurrence</b> 0 .. 99
<i>xs:sequence</i>	<b>Occurrence</b> 1 .. 1
<b>ShippingMarks</b>	<b>Occurrence</b> 0 .. 1 <b>Type</b> an..512 <b>Length</b> .. 512

Bold = Element, Italic = Attribute, Grey = Group

Response

Element/Attribute	Annotation
└─ <b>TypeOfPackages</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> an2 <b>Length</b> 2 .. 2 <b>Remark</b> CL017 Package type UN/ECE recommendation 21 code list as published in CS/RD2 <b>Description</b> Type of packages identification, coded
└─ <b>ContainerIdentificationNumber</b>	<b>Occurrence</b> 0 .. 9999 <b>Type</b> an..17 <b>Length</b> .. 17 <b>Description</b> Equipment identification number
└─ <b>ConsignmentHouse</b>	<b>Occurrence</b> 0 .. 99999
└─ <b>Packaging</b>	<b>Occurrence</b> 0 .. 99
└─ xs:sequence	<b>Occurrence</b> 1 .. 1
└─ <b>ShippingMarks</b>	<b>Occurrence</b> 0 .. 1 <b>Type</b> an..512 <b>Length</b> .. 512
└─ <b>TypeOfPackages</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> an2 <b>Length</b> 2 .. 2 <b>Remark</b> CL017 Package type UN/ECE recommendation 21 code list as published in CS/RD2 <b>Description</b> Type of packages identification, coded
└─ <b>ContainerIdentificationNumber</b>	<b>Occurrence</b> 0 .. 9999 <b>Type</b> an..17 <b>Length</b> .. 17 <b>Description</b> Equipment identification number
└─ <b>AssessmentComplete</b>	<b>Occurrence</b> 0 .. 1
└─ xs:sequence	<b>Occurrence</b> 1 .. 1
└─ <b>ReceptacleIdentificationNumber</b>	<b>Occurrence</b> 0 .. 999 <b>Type</b> an..35 <b>Length</b> .. 35
└─ <b>TransportDocument</b>	<b>Occurrence</b> 0 .. 99999
└─ xs:sequence	<b>Occurrence</b> 1 .. 1
└─ <b>DocumentNumber</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> an..70 <b>Length</b> .. 70
└─ <b>Type</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> TransportDocumentTypeType <b>Length</b> 1 .. 8 <b>Description</b> Transport document type, coded
	<b>Applicable Codes</b>
	<b>C624</b> Form 302 <b>C625</b> Rhine Manifest <b>C664</b> CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93 <b>C665</b> CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93 <b>N703</b> House waybill <b>N704</b> Master bill of lading <b>N705</b> Bill of lading <b>N714</b> House bill of lading <b>N720</b> Consignment note CIM <b>N722</b> Road list - SMGS <b>N730</b> Road consignment note <b>N740</b> Air waybill <b>N741</b> Master airwaybill <b>N750</b> Movement by post including parcel post <b>N760</b> Multimodal / combined transport document

Bold = Element, Italic = Attribute, Grey = Group

Element/Attribute	Annotation
ContainerIdentificationNumber	<b>Occurrence</b> 0 .. 9999 <b>Type</b> an..17 <b>Length</b> .. 17 <b>Description</b> Equipment identification number
DoNotLoadDetails	<b>Occurrence</b> 0 .. 1
xs:sequence	<b>Occurrence</b> 1 .. 1
ReceptacleIdentificationNumber	<b>Occurrence</b> 0 .. 999 <b>Type</b> an..35 <b>Length</b> .. 35
TransportDocument	<b>Occurrence</b> 0 .. 1
xs:sequence	<b>Occurrence</b> 1 .. 1
DocumentNumber	<b>Occurrence</b> 1 .. 1 <b>Type</b> an..70 <b>Length</b> .. 70 <b>Description</b> Transport document number
Type	<b>Occurrence</b> 1 .. 1 <b>Type</b> TransportDocumentTypeType <b>Length</b> 1 .. 8 <b>Description</b> Transport document type, coded
<b>Applicable Codes</b>	
<b>C624</b>	Form 302
<b>C625</b>	Rhine Manifest
<b>C664</b>	CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93
<b>C665</b>	CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93
<b>N703</b>	House waybill
<b>N704</b>	Master bill of lading
<b>N705</b>	Bill of lading
<b>N714</b>	House bill of lading
<b>N720</b>	Consignment note CIM
<b>N722</b>	Road list - SMGS
<b>N730</b>	Road consignment note
<b>N740</b>	Air waybill
<b>N741</b>	Master airwaybill
<b>N750</b>	Movement by post including parcel post
<b>N760</b>	Multimodal / combined transport document
ContainerIdentificationNumber	<b>Occurrence</b> 0 .. 9999 <b>Type</b> an..17 <b>Length</b> .. 17 <b>Description</b> Equipment identification number
ReferralRequestDetails	<b>Occurrence</b> 0 .. 999
xs:sequence	<b>Occurrence</b> 1 .. 1
ReferralRequestReference	<b>Occurrence</b> 0 .. 1 <b>Type</b> an..17 <b>Length</b> .. 17
RequestType	<b>Occurrence</b> 0 .. 1 <b>Type</b> ReferralRequestTypeType <b>Length</b> 1 .. 8
<b>Applicable Codes</b>	
<b>AMD</b>	Request to amend ENS filing
<b>RFI</b>	Request for information
<b>RFS</b>	Request for HRCM screening
TransportDocumentMaster	<b>Occurrence</b> 0 .. 1
xs:sequence	<b>Occurrence</b> 1 .. 1
ReferenceNumber	<b>Occurrence</b> 1 .. 1 <b>Type</b> an..70 <b>Length</b> .. 70 <b>Description</b> Transport document number

Bold = Element, Italic = Attribute, Grey = Group

Element/Attribute	Annotation
<b>Type</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> TransportDocumentTypeType <b>Length</b> 1 .. 8 <b>Description</b> Transport document type, coded <b>Applicable Codes</b> <b>C624</b> Form 302 <b>C625</b> Rhine Manifest <b>C664</b> CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93 <b>C665</b> CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93 <b>N703</b> House waybill <b>N704</b> Master bill of lading <b>N705</b> Bill of lading <b>N714</b> House bill of lading <b>N720</b> Consignment note CIM <b>N722</b> Road list - SMGS <b>N730</b> Road consignment note <b>N740</b> Air waybill <b>N741</b> Master airwaybill <b>N750</b> Movement by post including parcel post <b>N760</b> Multimodal / combined transport document
<b>TransportDocumentHouse</b>	<b>Occurrence</b> 0 .. 1
xs:sequence	<b>Occurrence</b> 1 .. 1
<b>ReferenceNumber</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> an..70 <b>Length</b> .. 70 <b>Description</b> Transport document number
<b>Type</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> TransportDocumentTypeType <b>Length</b> 1 .. 8 <b>Description</b> Transport document type, coded <b>Applicable Codes</b> <b>C624</b> Form 302 <b>C625</b> Rhine Manifest <b>C664</b> CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93 <b>C665</b> CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93 <b>N703</b> House waybill <b>N704</b> Master bill of lading <b>N705</b> Bill of lading <b>N714</b> House bill of lading <b>N720</b> Consignment note CIM <b>N722</b> Road list - SMGS <b>N730</b> Road consignment note <b>N740</b> Air waybill <b>N741</b> Master airwaybill <b>N750</b> Movement by post including parcel post <b>N760</b> Multimodal / combined transport document
<b>SupportingDocuments</b>	<b>Occurrence</b> 0 .. 99
xs:sequence	<b>Occurrence</b> 1 .. 1
<b>ReferenceNumber</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> an..70 <b>Length</b> .. 70
<b>Type</b>	<b>Occurrence</b> 1 .. 1 <b>Type</b> an..4 <b>Length</b> .. 4 <b>Remark</b> CL013 Document type List of document types as published in CS/RD2

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Response

Element/Attribute	Annotation
	<b>Applicable Codes</b>
	<b>C624</b> Form 302
	<b>C625</b> Rhine Manifest
	<b>C664</b> CN22 declaration according to Article 237 of the Regulation (ECC) No 2454/93
	<b>C665</b> CN23 declaration according to Article 237 of the Regulation (ECC) No 2454/93
	<b>N703</b> House waybill
	<b>N704</b> Master bill of lading
	<b>N705</b> Bill of lading
	<b>N714</b> House bill of lading
	<b>N720</b> Consignment note CIM
	<b>N722</b> Road list - SMGS
	<b>N730</b> Road consignment note
	<b>N740</b> Air waybill
	<b>N741</b> Master airwaybill
	<b>N750</b> Movement by post including parcel post
	<b>N760</b> Multimodal / combined transport document
<b>AdditionalInformation</b>	<b>Occurrence</b> 0 .. 99
<i>xs:sequence</i>	<b>Occurrence</b> 1 .. 1
<b>Code</b>	<b>Occurrence</b> 0 .. 1
	<b>Type</b> AdditionalInformationCodeResponseType
	<b>Length</b> 1 .. 17
	<b>Remark</b> See CL752 for appropriate values
<b>Text</b>	<b>Occurrence</b> 0 .. 1
	<b>Type</b> an..512
	<b>Length</b> .. 512
<b>Type</b>	<b>Occurrence</b> 0 .. 1
	<b>Type</b> xs:string
<b>MessageElementPath</b>	<b>Occurrence</b> 0 .. 1
	<b>Type</b> an..512
	<b>Length</b> .. 512
<b>RecommendedHRCMScreeningMethod</b>	<b>Occurrence</b> 0 .. 9
	<b>Type</b> an..3
	<b>Length</b> .. 3
	<b>Description</b> values of CL724 are possible

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