



German Ports

ClaimTransfer XML

Message implementation guideline

Version 1.0.1/E



Mattentwiete 2
20457 Hamburg
www.dakosy.de

Phone: + 49 40 37003 - 0
info@dakosy.de

Change history

Version	Concerned section	Reason	Name	Date
1.0.1/E	All	First Version	Diettrich	20.01.2025
1.0.1/E		Removed Signature Added CustomerReference	Schwanke	30.05.2025

Change Requests

The following offices are responsible for the change service, the receipt and processing of comments and change requests for this document:

DAKOSY Datenkommunikationssystem AG

- Port Communication Services -

Mattentwiete 2
20457 Hamburg

Tel.: 040 370030, Fax: 040 37003370

AND

dbh Logistics IT AG

Martinistr. 47-49
28195 Bremen
Tel.: 0421 30902-0

Used Tools

Number	Used tools
W1	This document was created with the word processing programme MS Word 2021 .
W2	Graphics and XSD-reports have been generated by GEFEG FX 7

Liability

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

Table of contents

1	Messages.....	4
2	Message Structure	5
3	Guideline	6
4	Example.....	10

1 Messages

This implementation guide provides a comprehensive overview of the Claim Transfer XML message, which enables the transfer, revocation, and return of Pick-Up Rights among external participants connected to German ports via a standardised interface.

In the German Ports platform, a claim serves as the technical basis for a Pick-Up Right. A participant holding a valid and active claim is entitled to pick up a specific container. The Claim Transfer XML message ensures that these entitlements can be correctly assigned, adjusted, or revoked as needed.

The message supports three key actions, as defined by the Action Type field:

1. **Transfer a claim** – Assigns a claim to another participant, granting them the associated Pick-Up Right.
2. **Revoke a claim** – Withdraws a previously assigned claim, removing the recipient's entitlement.
3. **Return a claim** – Used when a participant needs to return a claim they previously received, for example, if they were mistakenly assigned a Pick-Up Right.

This guide outlines the structure, required fields, and best practices for implementing the Claim Transfer XML message, ensuring smooth integration with the German Ports platform.

2 Message Structure

Occurrence	Element/Attribute
	GermanPortsClaimTransfer
1 .. 1	xs:sequence
1 .. 1	Interchange
1 .. 1	xs:sequence
1 .. 1	CreationTimeStamp
1 .. 1	ExchangeNumber
0 .. 1	TestIndicator
1 .. 1	Sender
1 .. 1	xs:sequence
1 .. 1	ParticipantCode
0 .. 1	Contact
1 .. 1	xs:sequence
1 .. 1	Name
0 .. 1	Telephone
0 .. 1	Email
1 .. 1	Recipient
1 .. 1	xs:sequence
1 .. 1	ParticipantCode
1 .. 1	ClaimTransferMessage
1 .. 1	xs:sequence
1 .. 1	MessageHeader
1 .. 1	xs:sequence
0 .. 1	Version
1 .. 1	Function
1 .. 1	ReferenceNumber
1 .. 1	Sender
1 .. 1	xs:sequence
1 .. 1	ParticipantCode
0 .. 1	Contact
1 .. 1	xs:sequence
1 .. 1	Name
0 .. 1	Telephone
0 .. 1	Email
1 .. 1	ClaimTransfer
1 .. 1	xs:sequence
1 .. 1	ActionType
1 .. 1	Container
1 .. 1	xs:sequence
1 .. 1	ContainerID
0 .. 1	CustomerReference
1 .. 1	ClaimID
0 .. 1	GermanPortsID

3 Guideline

Element/Attribute	Annotation	
GermanPortsClaimTransfer	Name	GermanPortsClaimTransfer
xs:sequence	Occurence	1 .. 1
Interchange	Occurence	1 .. 1
	Typ	gp:Interchange
	Description	Each Interchange starts with an element containing some meta information, followed by one or more messages.
xs:sequence	Occurence	1 .. 1
CreationTimeStamp	Occurence	1 .. 1
	Typ	gp:DocumentCreationTimeStamp
	Description	Date and time of document creation. Format : 2024-03-31T13:20:00
	Example	2024-05-02T13:27:00
ExchangeNumber	Occurence	1 .. 1
	Typ	gp:DocumentExchangeNumber
	Length	1 .. 14
	Description	A unique reference number of an interchange.
	Example	000ICEN4040857
TestIndicator	Occurence	0 .. 1
	Typ	xs:boolean
	Name	Test Indicator
Sender	Occurence	1 .. 1
	Typ	gp:SenderType
	Description	Information about the party who assembled and sent an interchange
xs:sequence	Occurence	1 .. 1
ParticipantCode	Occurence	1 .. 1
	Typ	gp:ParticipantCode
	Length	1 .. 35
	Name	Participant code
Contact	Occurence	0 .. 1
	Typ	gp:Contact
	Description	Message sender's contact information
xs:sequence	Occurence	1 .. 1
Name	Occurence	1 .. 1
	Typ	gp:Name
	Length	1 .. 35
	Description	Name or department of a contact
Telephone	Occurence	0 .. 1
	Typ	gp:Phone
	Length	1 .. 35
	Description	Telephone communication number
Email	Occurence	0 .. 1
	Typ	gp:Email
	Length	3 .. 70
	Description	Email Address
Recipient	Occurence	1 .. 1
	Typ	gp:RecipientType
	Description	Contains Information about the party receiving an Interchange. This party may forward the whole interchange or split it up into individual messages which will be further processed.

dbh und DAKOSY	German Ports – ClaimTransfer (XML)	
----------------	---------------------------------------	---

 xs:sequence	Occurence 1 .. 1
---	------------------

Element/Attribute	Annotation
ParticipantCode	Occurrence 1 .. 1 Typ gp:ParticipantCode Length 1 .. 35 Name Participant code Applicable Codes GERMANPORTS
ClaimTransferMessage	Occurrence 1 .. 1 Typ gp:ClaimTransferMessage
xs:sequence	Occurrence 1 .. 1
MessageHeader	Occurrence 1 .. 1 Typ gp:MessageHeader Description The message header contains meta information about an actual message which is transmitted as part of an interchange.
xs:sequence	Occurrence 1 .. 1
Version	Occurrence 0 .. 1 Typ gp:MessageVersionID Fixed 1.0.1 Length .. 17 Description Version of the message definition on which a message is based
Function	Occurrence 1 .. 1 Typ gp:MessageFunctionCode Example CREATE Applicable Codes CREATE Creates a new message, object etc
ReferenceNumber	Occurrence 1 .. 1 Typ gp:MessageReferenceNumber Length .. 35 Description Unique reference number identifying a single message. An interchange may contain more than one message. Example 47110815
Sender	Occurrence 1 .. 1 Typ gp:SenderType Description This element contains information about the actual sender of a message (which might be different from the party who assembled and sent an interchange)
xs:sequence	Occurrence 1 .. 1
ParticipantCode	Occurrence 1 .. 1 Typ gp:ParticipantCode Length 1 .. 35 Name Participant code
Contact	Occurrence 0 .. 1 Typ gp:Contact Description Contact Information
xs:sequence	Occurrence 1 .. 1
Name	Occurrence 1 .. 1 Typ gp:Name Length 1 .. 35 Description Name or department of a contact
Telephone	Occurrence 0 .. 1 Typ gp:Phone Length 1 .. 35 Description Telephone communication number

Element/Attribute	Annotation						
└ Email	Occurence 0 .. 1 Typ gp:Email Length 3 .. 70 Description Email Address						
└ ClaimTransfer	Occurence 1 .. 1 Typ gp:ClaimTransferType						
└ xs:sequence	Occurence 1 .. 1						
└ ActionType	Occurence 1 .. 1 Typ gp:ActionType Description Specifies, if the claim shall be passed on or withdrawn. Applicable Codes <table> <tr> <td>PASS</td><td>Pass the pick up right to another participant</td></tr> <tr> <td>RETURN</td><td>Return the right to pick up to the predecessor</td></tr> <tr> <td>REVOKE</td><td>withdraw the pick up right</td></tr> </table>	PASS	Pass the pick up right to another participant	RETURN	Return the right to pick up to the predecessor	REVOKE	withdraw the pick up right
PASS	Pass the pick up right to another participant						
RETURN	Return the right to pick up to the predecessor						
REVOKE	withdraw the pick up right						
└ Container	Occurence 1 .. 1 Typ gp:ContainerDetails Description Properties of a specific container						
└ xs:sequence	Occurence 1 .. 1						
└ ContainerID	Occurence 1 .. 1 Typ gp:ContainerIDType Description Container ID including both prefix and numeric part (format PPPNNNNNNZ, for official numbers, the prefix must be a value listed in BIC code list!)						
└ CustomerReference	Occurence 0 .. 1 Typ gp:CustomerReference Length 1 .. 32 Pattern [A-Z0-9]+ Description Reference which helps to identify the business case. A freight forwarder e.g. could enter a transport order reference for the transport company. Example XC4020080723CD						
└ ClaimID	Occurence 1 .. 1 Typ gp:an..10Type Length 10 .. 10 Pattern [0-9]{10}						
└ GermanPortsID	Occurence 0 .. 1 Typ gp:GermanPortsIDType Length 3 .. 17 Description Participant code defined by German Ports; mandatory when passing a right Example DE123456789000001 Example DE123456789000000						

4 Example

```
<?xml version="1.0" encoding="UTF-8"?>
<gp:GermanPortsClaimTransfer xmlns:gp="http://xsd.germanports.com">
  <Interchange>
    <CreationTimeStamp>2025-05-30T13:27:00</CreationTimeStamp>
    <ExchangeNumber>000ICEN4040857</ExchangeNumber>
    <TestIndicator>true</TestIndicator>
    <Sender>
      <ParticipantCode>SCRT</ParticipantCode>
      <Contact>
        <Name>Test Name</Name>
        <Telephone>04351 123456</Telephone>
        <Email>name@company.invalid</Email>
      </Contact>
    </Sender>
    <Recipient>
      <ParticipantCode>GERMANPORTS</ParticipantCode>
    </Recipient>
  </Interchange>
  <ClaimTransferMessage>
    <MessageHeader>
      <Version>1.0.1</Version>
      <Function>CREATE</Function>
      <ReferenceNumber>47110815</ReferenceNumber>
      <Sender>
        <ParticipantCode>SCRT</ParticipantCode>
        <Contact>
          <Name>Test Name</Name>
          <Telephone>04351 123456</Telephone>
          <Email>test.name@company.invalid</Email>
        </Contact>
      </Sender>
    </MessageHeader>
    <ClaimTransfer>
      <ActionType>PASS</ActionType>
      <Container>
        <ContainerID>HLCU1234566</ContainerID>
      </Container>
      <ClaimID>XYZ452254565</ClaimID>
      <CustomerReference>MYREFERENCE</CustomerReference>
      <GermanPortsID>NEXT_GERMANPORTSID</GermanPortsID>
      <Signature/>
    </ClaimTransfer>
  </ClaimTransferMessage>
</gp:GermanPortsClaimTransfer>
```