



# German Ports

## ClaimTransfer XML

Message implementation guideline

Version 1.0.0/E



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## Change history

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## Change Requests

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

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## Used Tools

Number	Used tools
W1	This document was created with the word processing programme <b>MS Word 2021</b> .
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## Liability

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## 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:

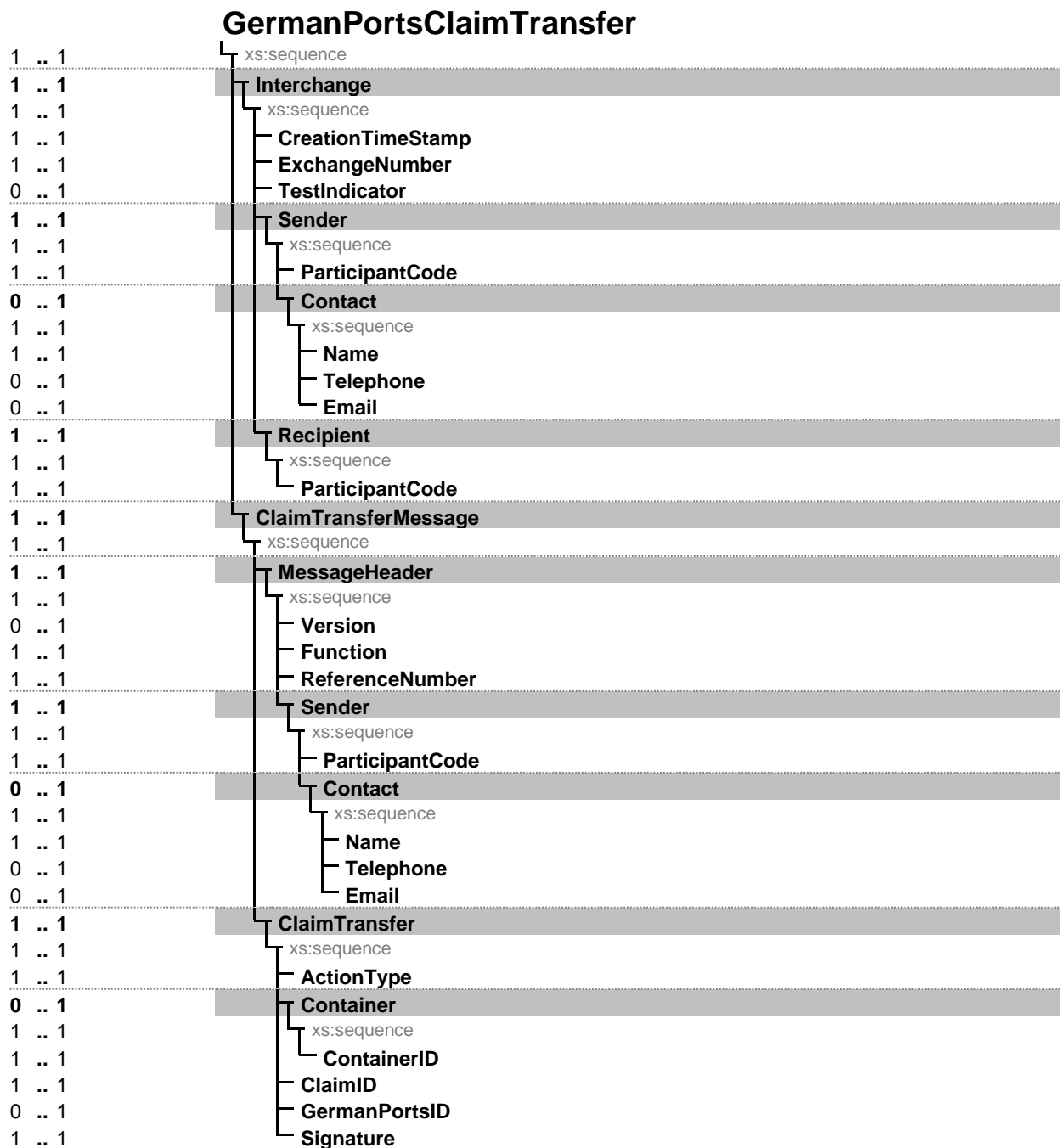
1. **Transfer a claim** – Assigns a claim to another participant, granting them the associated Pick-Up Right.
2. **Revoke a claim** – Withdraws a previously assigned claim, removing the recipient's entitlement.
3. **Return a claim** – Used when a participant needs to return a claim they previously received,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



### 3 Guideline

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

Element/Attribute	Annotation
<ul style="list-style-type: none"> <li>└ ParticipantCode</li> </ul>	<p>Occurrence 1 .. 1            Typ gp:ParticipantCode            Length 1 .. 35            Name Participant code</p> <p><b>Applicable Codes</b></p> <p><b>GERMANPORTS</b></p>
<ul style="list-style-type: none"> <li>└ ClaimTransferMessage</li> </ul>	<p>Occurrence 1 .. 1            Typ gp:ClaimTransferMessage</p>
<ul style="list-style-type: none"> <li>└ xs:sequence</li> </ul>	<p>Occurrence 1 .. 1</p>
<ul style="list-style-type: none"> <li>└ MessageHeader</li> </ul>	<p>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.</p>
<ul style="list-style-type: none"> <li>└ xs:sequence</li> </ul>	<p>Occurrence 1 .. 1</p>
<ul style="list-style-type: none"> <li>└ Version</li> </ul>	<p>Occurrence 0 .. 1            Typ gp:MessageVersionID            Fixed 1.0.0            Length .. 17            Description Version of the message definition on which a message is based</p>
<ul style="list-style-type: none"> <li>└ Function</li> </ul>	<p>Occurrence 1 .. 1            Typ gp:MessageFunctionCode            Example CREATE</p> <p><b>Applicable Codes</b></p> <p><b>CREATE</b> Creates a new message, object etc</p>
<ul style="list-style-type: none"> <li>└ ReferenceNumber</li> </ul>	<p>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</p>
<ul style="list-style-type: none"> <li>└ Sender</li> </ul>	<p>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)</p>
<ul style="list-style-type: none"> <li>└ xs:sequence</li> </ul>	<p>Occurrence 1 .. 1</p>
<ul style="list-style-type: none"> <li>└ ParticipantCode</li> </ul>	<p>Occurrence 1 .. 1            Typ gp:ParticipantCode            Length 1 .. 35            Name Participant code</p>
<ul style="list-style-type: none"> <li>└ Contact</li> </ul>	<p>Occurrence 0 .. 1            Typ gp&gt;Contact            Description Contact Information</p>
<ul style="list-style-type: none"> <li>└ xs:sequence</li> </ul>	<p>Occurrence 1 .. 1</p>
<ul style="list-style-type: none"> <li>└ Name</li> </ul>	<p>Occurrence 1 .. 1            Typ gp:Name            Length 1 .. 35            Description Name or department of a contact</p>
<ul style="list-style-type: none"> <li>└ Telephone</li> </ul>	<p>Occurrence 0 .. 1            Typ gp:Phone            Length 1 .. 35            Description Telephone communication number</p>

Element/Attribute	Annotation
<ul style="list-style-type: none"> <li>Email</li> </ul>	<p><b>Occurrence</b> 0 .. 1  <b>Typ</b> gp:Email  <b>Length</b> 3 .. 70  <b>Description</b> Email Address</p>
<ul style="list-style-type: none"> <li>ClaimTransfer</li> </ul>	<p><b>Occurrence</b> 1 .. 1  <b>Typ</b> gp:ClaimTransferType</p>
<ul style="list-style-type: none"> <li>xs:sequence</li> </ul>	<p><b>Occurrence</b> 1 .. 1</p>
<ul style="list-style-type: none"> <li>ActionType</li> </ul>	<p><b>Occurrence</b> 1 .. 1  <b>Typ</b> gp:ActionType  <b>Description</b> Specifies, if the claim shall be passed on or withdrawn.  <b>Applicable Codes</b>  <b>PASS</b> Pass the pick up right to another participant  <b>RETURN</b> Return the right to pick up to the predecessor  <b>REVOKE</b> withdraw the pick up right</p>
<ul style="list-style-type: none"> <li>Container</li> </ul>	<p><b>Occurrence</b> 0 .. 1  <b>Typ</b> gp:ContainerDetails  <b>Description</b> Properties of a specific container</p>
<ul style="list-style-type: none"> <li>xs:sequence</li> </ul>	<p><b>Occurrence</b> 1 .. 1</p>
<ul style="list-style-type: none"> <li>ContainerID</li> </ul>	<p><b>Occurrence</b> 1 .. 1  <b>Typ</b> gp:ContainerIDType  <b>Description</b> Container ID including both prefix and numeric part (format PPPNNNNNNZ, for official numbers, the prefix must be a value listed in BIC code list!)</p>
<ul style="list-style-type: none"> <li>ClaimID</li> </ul>	<p><b>Occurrence</b> 1 .. 1  <b>Typ</b> gp:an..14Type  <b>Length</b> .. 14</p>
<ul style="list-style-type: none"> <li>GermanPortsID</li> </ul>	<p><b>Occurrence</b> 0 .. 1  <b>Typ</b> gp:GermanPortsIDType  <b>Length</b> .. 35  <b>Description</b> Participant code defined by German Ports; mandatory when passing a right</p>
<ul style="list-style-type: none"> <li>Signature</li> </ul>	<p><b>Occurrence</b> 1 .. 1  <b>Typ</b> gp:SignatureType</p>



## 4 Example

```
<?xml version="1.0" encoding="UTF-8"?>
<gp:GermanPortsClaimTransfer xmlns:gp="http://xsd.germanports.com">
  <Interchange>
    <CreationTimeStamp>2024-05-02T13:27:00</CreationTimeStamp>
    <ExchangeNumber>000ICEN4040857</ExchangeNumber>
    <TestIndicator>true</TestIndicator>
    <Sender>
      <ParticipantCode>SCRT</ParticipantCode>
      <Contact>
        <Name>Test Name</Name>
        <Telephone>04351 123456</Telephone>
        <Email>@germanports.com</Email>
      </Contact>
    </Sender>
    <Recipient>
      <ParticipantCode>GERMANPORTS</ParticipantCode>
    </Recipient>
  </Interchange>
  <ClaimTransferMessage>
    <MessageHeader>
      <Version>1.0.0</Version>
      <Function>CREATE</Function>
      <ReferenceNumber>47110815</ReferenceNumber>
      <Sender>
        <ParticipantCode>SCRT</ParticipantCode>
        <Contact>
          <Name>Test Name</Name>
          <Telephone>04351 123456</Telephone>
          <Email>test.name@germanports.com</Email>
        </Contact>
      </Sender>
    </MessageHeader>
    <ClaimTransfer>
      <ActionType>PASS</ActionType>
      <Container>
        <ContainerID>HLCU1234566</ContainerID>
      </Container>
      <ClaimID>XYZ452254565</ClaimID>
      <GermanPortsID>NEXT_GERMANPORTSID</GermanPortsID>
      <Signature/>
    </ClaimTransfer>
  </ClaimTransferMessage>
</gp:GermanPortsClaimTransfer>
```