ALPO – ORDER_IN – DOCUMENTATION

INTERFACE ADAPTION
„ATLAS WKS" (2024)
VERSION 1.1

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Version overview

The changes compared to the previous version of this documentation are highlighted in yellow.

Date	Version	Change	Author
11.07.2024	1.0	Document created	Jana Ellmers and Sven Ochterbeck
15.11.2024	1.1	Chapter 1: Update of the expected ATLAS-WKS golive date. Chapter 2: The "DUX with MRN" procedure remains possible for ZAPP applications. Chapter 3.3: <xs:choice> added between Gemein-schaftswareOhneVerwahrung and ASumAVerfahren-suebergang. ASumATransportdocuments now mandatory at least 1x. Chapter 3.4: ASumAWarenpositionsverweis item reference may now be specified 999x. Chapter 3.3.6: When specifying „sonstige Verweise", the "Reference" field is not mandatory. Chapter 3.3.7: When specifiying „zusaetzliche Informationen", the „text" field is not mandatory. Chapter 3.4 und 3.4.6: New element <GemeinschaftswareOhneVerwahrung> added and explanations added. Format description for ASumA MRN and registration number added. Chapter 4.7: New element <WKSVerfahren> and explanations added.	Sven Ochterbeck

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CONTENT

1 Introduction

Until now, the entry summary declaration (ESumA) and the exit summary declaration (ASumA) were processed in the ATLAS-EAS application. A technical separation is now being implemented on the customs side due to a lack of functional dependencies between the two.

In future, the ASumA will be implemented in the specialized application ATLAS-WKS ("Wiederausfuhrkontrollsystem" = re-export control system). This will result in various adjustments to the registration of an ASumA. The changeover from ATLAS-EAS to ATLAS-WKS entails both technical and functional changes, so that adjustments must also be made in various applications and products of dbh Logistics IT AG. These include BHT/WHT and ALPO (Advantage Logistics and Port Organisation). In ALPO, there are necessary adjustments to the XML interface "ALPO-Order_IN" for the import of port orders from external systems.

According to current information, dbh will go live with the interface adaptations in BHT/WHT/ALPO in spring 2025. The exact date will be communicated by dbh at a later date.

If you have any questions about the content of the documentation or the timetable (e.g. use of the dbh test systems, etc.), please do not hesitate to contact us.

Your dbh Logistics IT AG

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1.1 Scope and content of the documentation

The documentation is intended to provide you and your employees in the specialist and IT/development departments with information about the adjustments that dbh Logistics IT AG will make to the existing BHT interfaces for orders and status messages.

This primarily pertains to:

- The extension/modification of AsumA data

The „ALPO_OrderIn_extern_V1_47.xsd" forms the basis for this documentation.

The additions/changes described in this documentation relate to elements and element structures. Changes can also be found in the general and detailed rule description.

> Die documentation only provides information on the main adjsutments of the XSD. Not mentioned elements and element structures remain unchanged.

Color legend (for fields, elements and description texts):

- Changed (e.g. field length or requirement)
- Name change of a field
- New (e.g. field or element)
- Deleted/invalid
- Changes compared to the previous version of this documentation

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2 Changes at a glance

The changes introduced as part of ATLAS-WKS and documented here for systemic implementation can be briefly summarized as follows:

1. Various format changes in field lengths and changes in element as well as segment descriptions and names
2. In future, goods in transit by sea must always be declared with ASumA, regardless of the length o time they are in port (both over and under 14 days). A declaration with just ZOPD customs data will no longer be sufficient for transshipment goods.
3. ASumA declarations are only possible via the port system, the "ASumA-Auftraggber-Modus" will no longer be supported
4. Abolition of the "GSA": Changes to ASumA data after registration are not possible for BHT orders. Corrections can only be made by cancelling and creating a new BHT-reference.
5. Procedure transition: In future, the termination of temporary storage in sea customs ports is mandatory directly via ASumA declaration
6. Addition of the option to specify documents, other references and additional information

3 BHT-Modul – ALPO-Order_IN (order)

Only the necessary additions/changes to the element structures and elements are described here; all those not listed here are still valid.

3.1 Changes BHT order creation

In light of the upcoming customs changes, dbh has decided to **no longer** support the "client mode" variant (all data communication between the client and ATLAS-WKS takes place outside the BHT).

In future, the BHT-ASumA process will only provide for the following variant:

- In the "BHT mode" variant, **only** the BHT (acting on behalf of the client) will be responsible for communication or data exchange with the customs ATLAS-WKS system.

BHT **alone** ensures that communication between the parties involved in the port order continues to take place **uniformly** via the familiar BHT interfaces and that they continue to be **reliably** informed about checks and releases. The BHT status values resulting from the process are distributed to the port order participants as usual.

This results in the following:

With the changeover to WKS, ASumA MRNs that have **already** been **registered** can **no longer** be specified in a BHT order, with the exception of a container order, which consolidates conventional individual shipments with ASumA data into one container order. ASumA processes within a port order can only be started directly via the BHT. This makes it mandatory for every BHT order with ASumA data to provide information on ASumA header, position and package details, among other things.

In the documentation, all paragraphs and sentences referring to the "client mode" variant have been deleted.

Changes to existing port orders via the status "**GSA**", which was previously used to update the ASumA status in the BHT, will **no longer** be permitted in future with the abolition of the "client mode" variant.

In the "BHT mode" variant, the customs changes mean that the existing ASumA segments have to be changed and **new**, mandatory and optional ASumA segments are added.

Whereas in the past transshipments with a short standing time in the port of transshipment did not require ASumA data, in future **ASumA data** will be **required** in addition to the ZOPD data for **all transshipment** processes, irrespective of the standing time in the port.

In general, only ASumA data from customs-relevant orders (e.g. container order, loading order, etc.) will continue to be used for the BHT ASumA process. ASumA data contained in non-customs-relevant delivery orders, for example, are not taken into account in the BHT.

3.2 **Element structure – BHTASumAStatus**

Due to abolishing the "Auftraggebermodus" the option to change the BHT-ASumA status in the order no longer applies.

```
<xs:element name="BHTASumAStatus" type="BHTASumAStatusType">
 <xs:annotation>
  <xs:documentation>Chance ASumA MRN status of an BHT port order already existing in ALPO
        </xs:documentation>
 </xs:annotation>
</xs:element>
```

Elementname / Elementstruktur	Description
BHTASumAStatus	Option to change the BHT-ASumA status
BHTASumAStatus	Removed

General Rule Description

Not relevant

Detailed Rule Description

Not relevant

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3.3 Element structure – BHTASumAKopfType

The customs data for the exit summary declaration (ASumA) is divided into **header**, **item** and **package** data in the BHT. At this point, the client specifies the **header data** that is directly related to an order item. The ASumA header data forms the bracket for all **subsequent** ASumA item data.

Only ASumA data from customs-relevant orders (e.g. container order, loading order, etc.) is generally used for the BHT ASumA process. ASumA data contained in non-customs-relevant delivery orders, for example, are not taken into account in the BHT.

All parts of OrderIn-xsd marked as removed in the following are not explained further below. The documentation only includes the existing, modified and added elements.

```xml
<xs:complexType name="BHTASumAKopfType">
 <xs:annotation>
  <xs:documentation>complexType for ASumA-Head-Data</xs:documentation>
 </xs:annotation>
 <xs:sequence>
  <xs:element name="ASumAVariante">
   <xs:annotation>
    <xs:documentation>kind of ASumA data
            'BHT' or 'AUFTRAGGEBER'
    </xs:documentation>
   </xs:annotation>
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:enumeration value="AUFTRAGGEBER" />
     <xs:enumeration value="BHT" />
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
  <xs:choice>
  <xs:element minOccurs="0" name="MRN">
   <xs:annotation>
    <xs:documentation>MRN (movement reference number)</xs:documentation>
   </xs:annotation>
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:maxLength value="18" />
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
  <xs:choice>
   <xs:sequence>
    <xs:annotation>
     <xs:documentation>if ASumAVariante = 'AUFTRAGGEBER'</xs:documentation>
    </xs:annotation>
    <xs:element minOccurs="0" name="MRNStatus">
     <xs:annotation>
      <xs:documentation>RE = MRN wurde in ATL@S-EAS erstellt/registriert
              KO = Kontrollmaßnahme der Zollbehörde zur MRN
              02 = Überlassen
              03 = Ausgang Untersagt
     </xs:documentation>
     </xs:annotation>
```

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```xml
        <xs:simpleType>
         <xs:restriction base="xs:string">
          <xs:enumeration value="RE" />
          <xs:enumeration value="KO" />
          <xs:enumeration value="02" />
          <xs:enumeration value="03" />
         </xs:restriction>
        </xs:simpleType>
       </xs:element>
       <xs:element minOccurs="0" name="Kontrollmassnahme">
        <xs:annotation>
         <xs:documentation>control measure
                  D001=papiermäßige Überprüfung
                  P001=vollständige Kontrolle
                  R001=Kontrolle in Bezug auf nukleare/radioaktive Materialien
                  S001 = Verschlusskontrolle X001 = Röntgenkontrolle (inkl. andere von außen vorzunehmende
                  Untersuchungen)
         </xs:documentation>
        </xs:annotation>
        <xs:simpleType>
         <xs:restriction base="xs:string">
          <xs:enumeration value="D001" />
          <xs:enumeration value="P001" />
          <xs:enumeration value="R001" />
          <xs:enumeration value="S001" />
          <xs:enumeration value="X001" />
         </xs:restriction>
        </xs:simpleType>
       </xs:element>
      </xs:sequence>
     <xs:sequence>
      <xs:annotation>
       <xs:documentation>if ASumAVariante = 'BHT'</xs:documentation>
      </xs:annotation>
      <xs:element name="Anmelder">
       <xs:annotation>
        <xs:documentation>Declarant</xs:documentation>
       </xs:annotation>
       <xs:complexType>[…]<complexType/>
      </xs:element>
      <xs:element name="Vertreter">
       <xs:annotation>
        <xs:documentation>Representative</xs:documentation>
       </xs:annotation>
       <complexType>[…]</complexType>
      </xs:element>
      <xs:element name="Befoerderungsroute">
       <xs:annotation>
        <xs:documentation>shipment route</xs:documentation>
       </xs:annotation>
       <xs:complexType>
        <xs:sequence>
         <xs:element name="Abgangsland">
          <xs:annotation>
           <xs:documentation>country of origin (UN-Countrycodes</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
           <xs:restriction base="xs:string">
```

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```xml
          <xs:maxLength value="2" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="0" name="Durchgangsland1">
       <xs:annotation>
        <xs:documentation>transit country 1</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="2" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="0" name="Durchgangsland2">
       <xs:annotation>
        <xs:documentation>transit country 2</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="2" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="0" name="Durchgangsland3">
       <xs:annotation>
        <xs:documentation>transit country 3</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="2" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element name="Bestimmungsland">
       <xs:annotation>
        <xs:documentation>country of destination (un country code)</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="2" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" name="ASumADurchgangslaender">
       <xs:annotation>
        <xs:documentation>transit countries (UN country codes). Must at least include countries of origin and destina-
tion</xs:documentation>
       </xs:annotation>
       <xs:complexType>
        <xs:sequence>
         <xs:element minOccurs="2" maxOccurs="99" name="ASumADurchgangsland">
          <xs:annotation>
           <xs:documentation>transit country</xs:documentation>
          </xs:annotation>
           <complexType>[…]</complexType>
         </xs:element>
        </xs:sequence>
```

```
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element minOccurs="0" name="ASumAWirtschaftsbeteiligte">
   <xs:complexType>
    <xs:sequence>
     <xs:element maxOccurs="99" name="ASumAWirtschaftsbeteiligter">
      <xs:annotation>
       <xs:documentation>additional economic operators</xs:documentation>
      </xs:annotation>
        <complexType>[…]</complexType>
     </xs:element>
    </xs:sequence>
   </xs:complexType>
  </xs:element>
  <xs:element minOccurs="0" name="ASumAUnterlagen">
   <xs:complexType>
    <xs:sequence>
     <xs:element maxOccurs="99" name="ASumAUnterlage">
      <xs:annotation>
       <xs:documentation>documents</xs:documentation>
      </xs:annotation>
        <complexType>[…]</complexType>
     </xs:element>
    </xs:sequence>
   </xs:complexType>
  </xs:element>
  <xs:element minOccurs="0" name="ASumASonstigeVerweise">
   <xs:complexType>
    <xs:sequence>
     <xs:element maxOccurs="99" name="ASumASonstigerVerweis">
      <xs:annotation>
       <xs:documentation>other references</xs:documentation>
      </xs:annotation>
        <complexType>[…]</complexType>
     </xs:element>
    </xs:sequence>
   </xs:complexType>
  </xs:element>
  <xs:element minOccurs="0" name="ASumAZusaetzlicheInformationen">
   <xs:complexType>
    <xs:sequence>
     <xs:element maxOccurs="99" name="ASumAZusaetzlicheInformation">
      <xs:annotation>
       <xs:documentation>additional Information</xs:documentation>
      </xs:annotation>
        <complexType>[…]</complexType>
     </xs:element>
    </xs:sequence>
   </xs:complexType>
  </xs:element>
  <xs:element minOccurs="1" name="ASumATransportdokumente">
   <xs:complexType>
    <xs:sequence>
     <xs:element minOccurs="1" maxOccurs="99" name="ASumATransportdokument">
      <xs:annotation>
```

```
          <xs:documentation>transport document</xs:documentation>
        </xs:annotation>
          <complexType>[…]</complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
  <xs:element name="ASumAPositionen">
   <xs:complexType>
    <xs:sequence>
     <xs:element maxOccurs="999" name="ASumAPosition">
      <xs:annotation>
       <xs:documentation>ASumA position</xs:documentation>
      </xs:annotation>
        <complexType>[…]</complexType>
     </xs:element>
    </xs:sequence>
   </xs:complexType>
  </xs:element>
 </xs:sequence>
</xs:choice>
</xs:sequence>
</xs:complexType>
```

Elementname / Elementstruktur	Description
BHTAsumAKopfType	Contains export customs data for the exit summary declaration (ASumA) - header
ASumAVariante	**➔ Field is removed from the structure as the ASumA-Variante „Auftraggeber" is omitted.**
MRN	Registration number from ATLAS-WKS
MRNStatus	**➔ Field is removed from the structure as the ASumA-Variante „Auftraggeber" is omitted.** Aktueller Status des Ausgangs (nur bei der Variante „Auftragge-ber" anzugeben)
Anmelder[…]	Person, who lodges a customs declaration in his own name or in whose name this declaration is lodged
Vertreter[…]	Representative appointed by the AsumA applicant
Befoerderungsroute	Indication of the transport route from country of departure to the country of destination
Abgangsland	**➔ Field is moved to a different position in the structure and is therefore removed here. Now: ASumADurchgangslaender** Country of departure of the goods on the transport route
Durchgangsland1	**➔ Field is moved to a different position in the structure and is therefore removed here. Now: ASumADurchgangslaender** Optional information on a country on the transport route.
Durchgangsland2	**➔ Field is moved to a different position in the structure and is therefore removed here. Now: ASumADurchgangslaender** Optional information on a country on the transport route.

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Elementname / Elementstruktur	Description
Durchgangsland3	➜ **Field is moved to a different position in the structure and is therefore removed here. Now: ASumADurchgangslaender** Optional information on a country on the transport route.
Bestimmungsland	➜ **Field is moved to a different position in the structure and is therefore removed here. Now: ASumADurchgangslaender** Country of final destination of the goods on the transport route
ASumADurchgangslaender[…]	Contains information on transit countries on the transport route.
ASumAWirtschaftsbeteiligte[…]	Information on the additional economic operators.
ASumAUnterlagen[…]	Information on documents.
ASumASonstigeVerweise[…]	Information on other references.
ASumAZusätzlicheInformationen[…]	Information on additional information.
ASumATransportdokumente[…]	Information on transport documents.
ASumAPositionen[…]	Contains export customs data for the exit summary declaration (ASumA) - item

General Rule Description

It is not permitted to reuse ASumA-MRNs that have already been registered in one port order in another port order. A new ASumA process must be created for each new port order. However, there is one exception: if the port order to be created is a container order for a packed container for which there are both conventional orders and this container order in the BHT. In this case, the container order has the same MRNs as the goods that were placed in the container. If a new port order is placed with the BHT and the client specifies an existing ASumA MRN, all other ASumA header data must remain empty.

Detailed Rule Description

Rule 1

When creating an order with the status (CODE) = "AUA", no MRN may be specified. <u>Exception</u>: An MRN that already exists in the BHT (not canceled) is specified because it is linked via the MRN to another order in the BHT that has also not been canceled (example: packing order with corresponding conventional and container orders).

When	Code (Auftrag)	= "AUA"
must	mrn	= *EMPTY*
or		
When	Code (Auftrag)	= "AUA"
and	mrn	= *FILLED*
must	mrn	= "exist in BHT"

Rule 2

If a new port order is submitted to the BHT and the client specifies an existing ASumA MRN, all other ASumA header data must remain empty.
(Example: A container order of order type 125 combines port orders previously entered as break bulk individual shipments and their ASumA data into one container order).

When	Code (Auftrag)	= "AUA"
and	mrn	= *FILLED*
must	mrn	= "exist in BHT"
and	„Anmelder"	= *EMPTY*
and	„Ansprechpartner"	= *EMPTY*
and	„Vertreter"	= *EMPTY*
and	„Ansprechpartner"	= *EMPTY*
and	„Befoerderungsroute"	= *EMPTY*
and	„ASumADurchgangslaender"	= *EMPTY*
and	„ASumAWirtschaftsbeteiligte"	= *EMPTY*
and	„ASumAUnterlagen"	= *EMPTY*
and	„ASumASonstigeVerweise"	= *EMPTY*
and	„ASumAZusätzlicheInformationen"	= *EMPTY*
and	„ASumATransportdokumente"	= *EMPTY*
and	„ASumAPositionen"	= *EMPTY*

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3.3.1 Element structure – Anmelder

Within the ASumA header data, a declarant must be named, i.e. the person who submits a customs declaration in their own name or in whose name this declaration is submitted. It is possible to enter details of a contact person for the declarant.

```xml
<xs:element name="Anmelder">
 <xs:annotation>
  <xs:documentation>Declarant</xs:documentation>
 </xs:annotation>
 <xs:complexType>
  <xs:sequence>
   <xs:element name="Identifikationsnummer">
    <xs:annotation>
     <xs:documentation>Identification Number</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:maxLength value="17" />
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
   <xs:element minOccurs="0" name="NiederlassungNr">
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:maxLength value="4" />
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
   <xs:element name="Ansprechpartner">
    <xs:annotation>
     <xs:documentation>contact person</xs:documentation>
    </xs:annotation>
    <xs:complexType>
     <xs:sequence>
      <xs:element name="Bearbeiter">
       <xs:annotation>
        <xs:documentation>name</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="70" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element name="Telefon">
       <xs:annotation>
        <xs:documentation>telephone number</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="35" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="0" name="EMail">
```

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```
    <xs:annotation>
     <xs:documentation>E-Mail adress</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:maxLength value="256" />
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
  </xs:sequence>
 </xs:complexType>
 </xs:element>
 </xs:sequence>
 </xs:complexType>
</xs:element>
```

Elementname / Elementstruktur	Description
Anmelder / **BhtASumAVerantwortlicherType**	Person, who lodges a customs declaration in his own name or in whose name this declaration is lodged (formerly RESPONSIBLE)
Identifikationsnummer	EORI-Number of the ASumA applicant
NiederlassungsNr	Subsidiary number to the EORI number of the AsumA applicant
Ansprechpartner	Contact details of the ASumA applicant
Bearbeiter	Name of the clerk in the company
Telefon	Phone number of the person in charge at the company
EMail	E-Mail address of the person in charge at the company

General Rule Description

Not relevant

Detailed Rule Description

Rule 1

If the applicant's contact person is specified, the applicant himself must also be specified.

When	"Ansprechpartner"		= *FILLED*
must	"Anmelder"		= *FILLED*

3.3.2 **Element structure – Vertreter**

The ASumA applicant may nominate a representative whose details must be provided in the following element.

```
<xs:element name="Vertreter">
 <xs:annotation>
  <xs:documentation>Representative</xs:documentation>
 </xs:annotation>
 <xs:complexType>
  <xs:sequence>
   <xs:element name="Identifikationsnummer">
    <xs:annotation>
     <xs:documentation>Identification Number</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:maxLength value="17" />
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
   <xs:element minOccurs="0" name="NiederlassungNr">
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:maxLength value="4" />
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
   <xs:element name="Ansprechpartner">
    <xs:annotation>
     <xs:documentation>contact person</xs:documentation>
    </xs:annotation>
    <xs:complexType>
     <xs:sequence>
      <xs:element name="Bearbeiter">
       <xs:annotation>
        <xs:documentation>name</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="70" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element name="Telefon">
       <xs:annotation>
        <xs:documentation>telephone number</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="35" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="0" name="EMail">
       <xs:annotation>
        <xs:documentation>E-Mail adress</xs:documentation>
```

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```
        </xs:annotation>
        <xs:simpleType>
         <xs:restriction base="xs:string">
           <xs:maxLength value="256" />
         </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
   </xs:complexType>
  </xs:element>
 </xs:sequence>
 </xs:complexType>
</xs:element>
```

Elementname / Elementstruktur	Description
Vertreter / BhtASumAVerantwortlicherType	Representative appointed by the AsumA applicant
Identifikationsnummer	EORI-Number of the representative
NiederlassungsNr	Subsidiary number to the EORI Number of the representative
Ansprechpartner	Details of the contact person of the designated representative
Bearbeiter	Name of the clerk at the company
Telefon	Phone number of the clerk at the company
EMail	E-Mail-address of the clerk at the company

General Rule Description

Not relevant

Detailed Rule Description

Rule 3

If the representative's contact person is specified, the representative himself must also be specified.

When   „Ansprechpartner"   = *FILLED*
must   „Vertreter"   = *FILLED*

3.3.3 **Element structure – Beförderungsroute**

The transport route of the goods must be specified in the ASumA header data. The information ranges from the country of departure to countries that are crossed on the route to the country of destination. With the introduction of ATLA-WKS, it is possible to specify up to 99 countries.

```xml
<xs:element name="Befoerderungsroute">
 <xs:annotation>
  <xs:documentation>shipment route</xs:documentation>
 </xs:annotation>
 <xs:complexType>
  <xs:sequence>
    <xs:element minOccurs="1" name="ASumADurchgangslaender">
     <xs:annotation>
      <xs:documentation>transit countries (UN country codes). Must at least include countries of origin and destination</xs:documentation>
     </xs:annotation>
     <xs:complexType>
      <xs:sequence>
       <xs:element minOccurs="2" maxOccurs="99" name="ASumADurchgangsland">
        <xs:annotation>
         <xs:documentation>transit country</xs:documentation>
        </xs:annotation>
        <xs:sequence>
         <xs:element name="LfdNr">
          <xs:simpleType>
           <xs:restriction base="xs:int">
            <xs:maxInclusive value="99" />
            <xs:minInclusive value="1" />
           </xs:restriction>
          </xs:simpleType>
         </xs:element>
         <xs:element minOccurs="1" name="UnCountryCode">
          <xs:annotation>
           <xs:documentation>UN country code of transit country</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
           <xs:restriction base="xs:string">
            <xs:maxLength value="2" />
           </xs:restriction>
          </xs:simpleType>
         </xs:element>
        </xs:sequence>
       </xs:element>
      </xs:sequence>
     </xs:complexType>
    </xs:element>
  </xs:sequence>
 </xs:complexType>
</xs:element>
```

dbh

Elementname / Elementstruktur	Description
Befoerderungsroute / **BhtASumADurchgangslandType**	Indication of the transport route from country of departure to the country of destination
ASumADurchgangslaender	Contains information on transit countries on the transport route.
ASumADurchgangsland	Contains information on transit countries on the transport route.
LfdNr	Consecutive number of a country specification
UnCountryCode	Information on the country of departure and the country of destination is mandatory. Up to 97 countries can be specified that are travelled through on the route.

General Rule Description

Not relevant

Detailed Rule Description

Not relevant

3.3.4 **Element structure – AsumAWirtschaftsbeteiligte**

At this point, the client can specify the additional economic operator(s) (e.g. the manufacturer of the goods) who will be involved in the exit summary declaration (ASumA). If there are several economic operators, a corresponding number of elements must be transmitted to the BHT.

```xml
<xs:element minOccurs="0" name="ASumAWirtschaftsbeteiligte">
 <xs:complexType>
  <xs:sequence>
   <xs:element maxOccurs="99" name="ASumAWirtschaftsbeteiligter">
    <xs:annotation>
     <xs:documentation>additional economic operators</xs:documentation>
    </xs:annotation>
    <complexType>
     <xs:sequence>
      <xs:element name="LfdNr">
       <xs:simpleType>
        <xs:restriction base="xs:int">
         <xs:maxInclusive value="99" />
         <xs:minInclusive value="1" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" name="Identifikationsnummer">
       <xs:annotation>
        <xs:documentation>Identification Number</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="17" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" name="Funktion">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="3" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
     </xs:sequence>
    </xs:element>
   </complexType>
  </xs:sequence>
 </xs:complexType>
</xs:element>
```

Elementname / Elementstruktur	Description
ASumAWirtschaftsbeteiligte / **BHTASumAWirtschaftsbeteiligterType**	Information on the additional economic operators.
LfdNr	Consecutive number when specifying an additional economic operator.

Elementname / Elementstruktur	Description
Identifikationsnummer	EORI number of the additional economic operator
Funktion	Function of the additional economic operator Ausprägungen: "CS" = Sammelladungsspediteur "FW" = Spediteur "MF" = Hersteller "WH" = Lagerhalter

General Rule Description

If the client has information on additional economic operators, he can specify these either in relation to the ASumA header data or in relation to the ASumA item data. **Simultaneous** specification of the element in the ASumA header data and the ASumA item data is **not permitted**. It is possible to enter up to 99 (different) economic operators. The client must transmit each participant to the BHT with a unique serial number. The sequential number must be entered in ascending order when creating participants.

If there is a change in the constellation of economic operators, the order must be canceled. A new ASumA-MRN must be created.

Detailed Rule Description

Not relevant

dbh

3.3.5 Element structure – AsumAUnterlagen

The client can specify additional information and codes (documents) at this point, which are used during the exit summary declaration (ASumA). If there are several codes, a corresponding number of elements must be transmitted to the BHT.

```xml
<xs:element minOccurs="0" name="ASumAUnterlagen">
 <xs:complexType>
  <xs:sequence>
   <xs:element maxOccurs="99" name="ASumAUnterlage">
    <xs:annotation>
     <xs:documentation>documents</xs:documentation>
    </xs:annotation>
    <complexType>
     <xs:sequence>
      <xs:element name="LfdNr">
       <xs:simpleType>
        <xs:restriction base="xs:int">
         <xs:maxInclusive value="99" />
         <xs:minInclusive value="1" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" name="Art">
       <xs:annotation>
        <xs:documentation>Type</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:length value="4" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" name="Referenznummer">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="70" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
     </xs:sequence>
    </complexType>
   </xs:element>
  </xs:sequence>
 </xs:complexType>
</xs:element>
```

Elementname / Elementstruktur	Description
ASumAUnterlagen / ASumAUnterlageType	Specifications of documents
LfdNr	Consecutive number when specifying documents
Art	Coding of the type of document *Code liste: see www.zoll.de – Codeliste I0923 (ASumA-Header)*
Referenznummer	Reference number of the document

General Rule Description

If the client has information of documents, other references or additional information, he can enter these either in relation to the ASumA header data and/or in relation to the ASumA item data. It is possible to enter up to 99 (different) codes in each case. The client must transmit each coding to the BHT with a unique sequential number. The sequential number must be entered in ascending order when codes are created.

If something changes in the coding, the order must be canceled. A new ASumA-MRN must be created.

Detailed Rule Description

Not relevant

3.3.6 **Element structure – AsumASonstigeVerweise**

The client can specify additional information and codes (references) at this point, which are used during the exit summary declaration (ASumA). If there are several codes, a corresponding number of elements must be transmitted to the BHT.

```
<xs:element minOccurs="0" name="ASumASonstigeVerweise">
 <xs:complexType>
  <xs:sequence>
   <xs:element maxOccurs="99" name="ASumASonstigerVerweis">
    <xs:annotation>
     <xs:documentation>other references</xs:documentation>
    </xs:annotation>
    <complexType>
     <xs:sequence>
      <xs:element name="LfdNr">
       <xs:simpleType>
        <xs:restriction base="xs:int">
         <xs:maxInclusive value="99" />
         <xs:minInclusive value="1" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" name="Art">
       <xs:annotation>
        <xs:documentation>Type</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:length value="4" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="0" name="Referenznummer">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="70" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
     </xs:sequence>
    </complexType>
   </xs:element>
  </xs:sequence>
 </xs:complexType>
</xs:element>
```

Elementname / Elementstruktur	Description
ASumASonstigeVerweise / ASumAUnterlageType	Indication of other references
LfdNr	Consecutive number when specifying other references
Art	Coding of the type of other references *Code list: see www.zoll.de – Codeliste I0913 (ASumA-Header)*
Referenznummer	Reference number of other references

SOFTWARE. BERATUNG. LÖSUNGEN.

dbh

General Rule Description

If the client has information of documents, other references or additional information, he can enter these either in relation to the ASumA header data and/or in relation to the ASumA item data. It is possible to enter up to 99 (different) codes in each case. The client must transmit each coding to the BHT with a unique sequential number. The sequential number must be entered in ascending order when codes are created.

If something changes in the coding, the order must be canceled. A new ASumA-MRN must be created.

Detailed Rule Description

Not relevant

3.3.7 Element structure – AsumAZusätzlicheInformationen

The client can specify additional information and codes (additional information) at this point, which are used during the exit summary declaration (ASumA). If there are several codes, a corresponding number of elements must be transmitted to the BHT.

```
<xs:element minOccurs="0" name="AsumAZusaetzlicheInformationen">
 <xs:complexType>
  <xs:sequence>
   <xs:element maxOccurs="99" name="AsumAZusaetzlicheInformation">
    <xs:annotation>
     <xs:documentation>additional Information</xs:documentation>
    </xs:annotation>
    <complexType>
     <xs:sequence>
      <xs:element name="LfdNr">
       <xs:simpleType>
        <xs:restriction base="xs:int">
         <xs:maxInclusive value="99" />
         <xs:minInclusive value="1" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" name="Code">
       <xs:annotation>
        <xs:documentation>Type</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:length value="5" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="0" name="Text">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="512" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
     </xs:sequence>
    </complexType>
   </xs:element>
  </xs:sequence>
 </xs:complexType>
</xs:element>
```

Elementname / Elementstruktur	Description
AsumAZusaetzlicheInformationen / BhtASumAZUsaetzlicheInformationType	Additional Information
LfdNr	Consecutive number when specifying additional information
Code	Coding of the type of additional information *Code list: see www.zoll.de – Codeliste I0903 (ASumA-Header)*

Elementname / Elementstruktur	Description
Text	Note / explanatory text

General Rule Description

If the client has information of documents, other references or additional information, he can enter these either in relation to the ASumA header data and/or in relation to the ASumA item data. It is possible to enter up to 99 (different) codes in each case. The client must transmit each coding to the BHT with a unique sequential number. The sequential number must be entered in ascending order when codes are created.

If something changes in the coding, the order must be canceled. A new ASumA-MRN must be created.

Detailed Rule Description

Not relevant

SOFTWARE. BERATUNG. LÖSUNGEN.

3.3.8 Element structure – AsumATransportdokumente

At this point, the client can provide information on transport documents that are **mandatory** during the exit summary declaration (ASumA). If there are several documents, a corresponding number of elements must be transmitted to the BHT.

```xml
<xs:element minOccurs="0" name="ASumATransportdokumente">
 <xs:complexType>
  <xs:sequence>
   <xs:element maxOccurs="99" name="ASumATransportdokument">
    <xs:annotation>
     <xs:documentation>transport document</xs:documentation>
    </xs:annotation>
    <xs:complexType>
     <xs:sequence>
      <xs:element name="LfdNr">
       <xs:simpleType>
        <xs:restriction base="xs:int">
         <xs:maxInclusive value="99" />
         <xs:minInclusive value="1" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" name="Art">
       <xs:annotation>
        <xs:documentation>Type</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:length value="4" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" name="Referenznummer">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="70" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
     </xs:sequence>
    </xs:complexType>
   </xs:element>
  </xs:sequence>
 </xs:complexType>
</xs:element>
```

Elementname / Elementstruktur	Description
ASumATransportdokumente / **ASumAUnterlageType**	Information on transport documents.
LfdNr	Consecutive number when specifying a transport document.
Art	Coding of the type of transport document *Code list: see www.zoll.de – Code list I0943*

Elementname / Elementstruktur	Description
Referenznummer	Reference number of the transport document

General Rule Description

If the client has information of various transport documents, he has the option of entering up to 99 (different) documents. The client must transmit each document to the BHT with a unique serial number. The sequential number must be entered in ascending order when documents are created.

If there are any changes to the details of the transport documents, the order must be canceled. A new ASumA-MRN must be created.

Detailed Rule Description

Not relevant

dbh

3.4 Element structure – AsumAPositionen

The customs data for the exit summary declaration (ASumA) is divided into **header**, **item** and **package** data in the BHT. At this point, the client enters the position data, which is directly related to certain ASumA header data and therefore in turn to an order item. The item data and the subsequent package details represent the details of the goods to be exported in the ASumA.

```xml
<xs:element name="ASumAPositionen">
 <xs:complexType>
  <xs:sequence>
   <xs:element maxOccurs="999" name="ASumAPosition">
    <xs:annotation>
     <xs:documentation>ASumA position</xs:documentation>
    </xs:annotation>
    <xs:sequence>
     <xs:element name="PositionNr">
      <xs:annotation>
       <xs:documentation>position number of ASumA position</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
       <xs:restriction base="xs:int">
        <xs:maxInclusive value="999" />
        <xs:minInclusive value="1" />
       </xs:restriction>
      </xs:simpleType>
     </xs:element>
     <xs:element name="KennnummerSendung">
      <xs:annotation>
       <xs:documentation>mark</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
       <xs:restriction base="xs:string">
        <xs:maxLength value="35" />
       </xs:restriction>
      </xs:simpleType>
     </xs:element>
     <xs:element minOccurs="0" name="Warennummer">
      <xs:annotation>
       <xs:documentation>statistic good number (custom)</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
       <xs:restriction base="xs:string">
        <xs:maxLength value="8" />
       </xs:restriction>
      </xs:simpleType>
     </xs:element>
     <xs:element name="Warenbezeichnung">
      <xs:annotation>
       <xs:documentation>good description</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
       <xs:restriction base="xs:string">
        <xs:maxLength value="512" />
       </xs:restriction>
      </xs:simpleType>
```

```xml
        </xs:element>
        <xs:element minOccurs="0" name="UNGefahrgutNr">
         <xs:annotation>
          <xs:documentation>HazMat UN-No.</xs:documentation>
         </xs:annotation>
         <xs:simpleType>
          <xs:restriction base="xs:string">
           <xs:maxLength value="4" />
          </xs:restriction>
         </xs:simpleType>
        </xs:element>
        <xs:element name="Rohmasse">
         <xs:annotation>
          <xs:documentation>raw weight</xs:documentation>
         </xs:annotation>
         <xs:simpleType>
          <xs:restriction base="xs:decimal">
           <xs:maxInclusive value="9999999999999999" />
           <xs:fractionDigits value="6" />
          </xs:restriction>
         </xs:simpleType>
        </xs:element>
        <xs:element minOccurs="0" name="CusNummer">
         <xs:annotation>
          <xs:documentation>CUS No.</xs:documentation>
         </xs:annotation>
         <xs:simpleType>
          <xs:restriction base="xs:string">
           <xs:length value="9" />
          </xs:restriction>
         </xs:simpleType>
        </xs:element>
        <xs:element minOccurs="0" name="ZahlungsweiseBefoerderungskosten">
         <xs:annotation>
          <xs:documentation>A=Barzahlung
                B=Kreditkarte
                C=Scheck
                D=Andere(z. B. Kontoabbuchung)
                H=Elektronischer Zahlungsverkehr
                Y=Konto beim Befoerderer
                Z=Keine Vorauszahlung
          </xs:documentation>
         </xs:annotation>
         <xs:simpleType>
          <xs:restriction base="xs:string">
           <xs:maxLength value="1" />
           <xs:enumeration value="A" />
           <xs:enumeration value="B" />
           <xs:enumeration value="C" />
           <xs:enumeration value="D" />
           <xs:enumeration value="H" />
           <xs:enumeration value="Y" />
           <xs:enumeration value="Z" />
          </xs:restriction>
         </xs:simpleType>
        </xs:element>
        <xs:element name="Versender">
         <xs:annotation>
```

```xml
        <xs:documentation>Exporter</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:choice>
          <xs:annotation>
            <xs:documentation>EORI number or full adress</xs:documentation>
          </xs:annotation>
          <xs:element name="Identifikationsnummer">
            <xs:annotation>
              <xs:documentation>identification number</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:maxLength value="17" />
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:sequence>
            <xs:element name="Name">
              <xs:annotation>
                <xs:documentation>name</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="70" />
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="Strasse">
              <xs:annotation>
                <xs:documentation>street</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="70" />
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element minOccurs="0" name="Postleitzahl">
              <xs:annotation>
                <xs:documentation>zip-code</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="17" />
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="Ort">
              <xs:annotation>
                <xs:documentation>city</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="35" />
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
```

```xml
          <xs:element name="Land">
           <xs:annotation>
            <xs:documentation>UN country code</xs:documentation>
           </xs:annotation>
           <xs:simpleType>
            <xs:restriction base="xs:string">
             <xs:maxLength value="2" />
            </xs:restriction>
           </xs:simpleType>
          </xs:element>
         </xs:sequence>
        </xs:choice>
       </xs:complexType>
      </xs:element>
      <xs:element name="Empfaenger">
       <xs:annotation>
        <xs:documentation>consignee</xs:documentation>
       </xs:annotation>
       <xs:complexType>
        <xs:choice>
         <xs:annotation>
          <xs:documentation>identification number or full adress</xs:documentation>
         </xs:annotation>
         <xs:element name="Identifikationsnummer">
          <xs:annotation>
           <xs:documentation>identification number</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
           <xs:restriction base="xs:string">
            <xs:maxLength value="17" />
           </xs:restriction>
          </xs:simpleType>
         </xs:element>
         <xs:sequence>
          <xs:element name="Name">
           <xs:annotation>
            <xs:documentation>name</xs:documentation>
           </xs:annotation>
           <xs:simpleType>
            <xs:restriction base="xs:string">
             <xs:maxLength value="70" />
            </xs:restriction>
           </xs:simpleType>
          </xs:element>
          <xs:element name="Strasse">
           <xs:annotation>
            <xs:documentation>street</xs:documentation>
           </xs:annotation>
           <xs:simpleType>
            <xs:restriction base="xs:string">
             <xs:maxLength value="70" />
            </xs:restriction>
           </xs:simpleType>
          </xs:element>
          <xs:element minOccurs="0" name="Postleitzahl">
           <xs:annotation>
            <xs:documentation>zip code</xs:documentation>
           </xs:annotation>
```

```
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="17" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element name="Ort">
       <xs:annotation>
        <xs:documentation>city</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="35" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element name="Land">
       <xs:annotation>
        <xs:documentation>UN country code</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="2" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
     </xs:sequence>
    </xs:choice>
   </xs:complexType>
  </xs:element>
  <xs:element minOccurs="0" name="ASumAWirtschaftsbeteiligte">
   <xs:complexType>
    <xs:sequence>
     <xs:element maxOccurs="99" name="ASumAWirtschaftsbeteiligter">
      <xs:annotation>
       <xs:documentation>additional economic operators</xs:documentation>
      </xs:annotation>
      <complexType>[…]</complexType>
     </xs:element>
    </xs:sequence>
   </xs:complexType>
  </xs:element>
  <xs:element minOccurs="0" name="ASumAUnterlagen">
   <xs:complexType>
    <xs:sequence>
     <xs:element maxOccurs="99" name="ASumAUnterlage">
      <xs:annotation>
       <xs:documentation>documents</xs:documentation>
      </xs:annotation>
      <complexType>[…]</complexType>
     </xs:element>
    </xs:sequence>
   </xs:complexType>
  </xs:element>
  <xs:element minOccurs="0" name="ASumASonstigeVerweise">
   <xs:complexType>
    <xs:sequence>
     <xs:element maxOccurs="99" name="ASumASonstigerVerweis">
```

```xml
        <xs:annotation>
         <xs:documentation>other references</xs:documentation>
        </xs:annotation>
         <complexType>[…]</complexType>
       </xs:element>
      </xs:sequence>
     </xs:complexType>
    </xs:element>
    <xs:element minOccurs="0" name="ASumAZusaetzlicheInformationen">
     <xs:complexType>
      <xs:sequence>
       <xs:element maxOccurs="99" name="ASumAZusaetzlicheInformation">
        <xs:annotation>
         <xs:documentation>additional Information</xs:documentation>
        </xs:annotation>
         <complexType>[…]</complexType>
       </xs:element>
      </xs:sequence>
     </xs:complexType>
    </xs:element>
    <xs:element minOccurs="0" name="ASumAGefahrgueter">
     <xs:complexType>
      <xs:sequence>
       <xs:element maxOccurs="99" name="ASumAGefahrgut">
        <xs:annotation>
         <xs:documentation>HazMat UN-No.</xs:documentation>
        </xs:annotation>
         <complexType>[…]</complexType>
       </xs:element>
      </xs:sequence>
     </xs:complexType>
    </xs:element>
   <xs:choice>
    <xs:element name="GemeinschaftswareOhneVerwahrung">
    <xs:annotation>
     <xs:documentation>EU community goods without temporary storage</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:enumeration value="true" />
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
    <xs:element minOccurs="0" name="ASumAVerfahrensuebergang">
     <xs:complexType>
      <xs:sequence>
       <xs:element maxOccurs="999" name="ASumAWarenpositionsverweis">
        <xs:annotation>
         <xs:documentation>Goods Reference</xs:documentation>
        </xs:annotation>
         <complexType>[…]</complexType>
       </xs:element>
      </xs:sequence>
     </xs:complexType>
    </xs:element>
   </xs:choice>
    <xs:element minOccurs="0" name="ASumAPackstuecke">
     <xs:complexType>
```

```
    <xs:sequence>
     <xs:element maxOccurs="99" name="ASumAPackstueck">
      <xs:annotation>
       <xs:documentation>ASumA package</xs:documentation>
      </xs:annotation>
       <complexType>[…]</complexType>
      </xs:element>
     </xs:sequence>
    </xs:complexType>
   </xs:element>
  </xs:sequence>
 </xs:element>
 </xs:sequence>
 </xs:complexType>
</xs:element>
```

Elementname / Elementstruktur	Description
ASumAPositionen / **BHTASumAPositionenType**	Contains export customs data for the exit summary declaration (ASumA) - item
PositionNr	Unique, consecutive item number of the export sumA
KennummerSendung	Unique identification of the shipment, such as the UCR or a freight document number
Warennummer	Contains the mandatory commodity code of the harmonized system (digits 1 to 6) and the optional sub-item (digits 7 to 8). *Code list: Statistische Warennummern (SOVA)*
Warenbezeichnung	Cargo description
UNGefahrgutNr	➔ **Field is removed from this element and transferred to its own element.**
Rohmasse	Gross weight (in kilograms) of the goods belonging to the item
CusNummer	The CUS-Number (Customs Union and Statistics) is an identifier that is assigned to chemical substances and preparations as part of the European Customs Inventory of Chemical Substances (ECICS) *Code list: see www.zoll.de – Code list C0016*
ZahlungsweiseBefoerderungskosten	Code for the method of payment of the transportation costs **Options:** **"A" = cash payment** **"B" = credit card payment** **"C" = payment by check** **"D" = others** **"H" = electronic funds transfer** **"Y" = accounts holder same as carrier** **"Z" = not prepaid**
Versender	Details of the consignor mentioned in the export sumA
Identifikationsnummer	EORI-Number of the consignor
Name	Name or company name of the consignor
Strasse	Street and number of the consignor's address
Postleitzahl	Postal code of the consignor's address
Ort	City name of the consignor's address

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Elementname / Elementstruktur	Description
Land	Country code for the consignor's address *Code list: Länder UN (LAND_UNCO)*
Empfaenger	Details of the consignee from the export sumA
Identifikationsnummer	EORI-Number of the consignee
Name	Name or company name of the consignee
Strasse	Street and number of the consignee's address
Postleitzahl	Postal code of the consignee's address
Ort	City name of the consignee's address
Land	Country code for the consignee's address *Code list: Länder UN (LAND_UNCO)*
ASumAWirtschaftsbeteiligte[…]	Information on the additional economic operators.
ASumAUnterlagen[…]	Information on documents.
ASumASonstigeVerweise[…]	Information on other references.
ASumAZusätzlicheInformationen[…]	Information on additional information.
ASumAGefahrgueter[…]	Information on dangerous goods.
GemeinschaftswareOhneVerwahrung	Indicator for goods that are loaded via a seaport Wilhelmshaven or Bremen (not free ports) and for which there is no temporary storage.
ASumAVerfahrensübergang[…]	Information on procedure transition.
ASumAPackstücke[…]	Contains export customs data for the exit summary declaration (ASumA) - package

General Rule Description

This element is always dependent on the header element. To obtain an ASumA-MRN from ATLAS-WKS, the segment **must be specified**.

After entering the required customs data in the ASumA header data, the customer can now enter the other necessary ASumA item data for the respective order item accordingly. It is possible to enter up to 999 (different) ASumA item data per ASumA header. The client must transmit the ASumA item data to the BHT with a unique sequential number. The sequential number must be entered in ascending order when creating ASumA item data and when changing the order.

In the BHT-ASumA process, there is the customs view on the one hand and the port-logistical description of the goods on the other. The assignment of the respective export details to the order item in the port order is carried out by the client. Further details can be found in the description of the header element.

If the client specifies an existing ASumA MRN in a new port order in the "BHT mode" variant, the associated ASumA item data may not be transmitted to the BHT.

Further details on order modification and order cancellation in connection with the ASumA information can be found in Chapter 3 of the BHT/WHT documentation – "BHT/WHT-Dokumentation – Ergänzung ASumA – V1.3".

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The ASumA item number is a unique, consecutive number. The item numbers must be in ascending order without gaps, starting with "1". It is not permitted to divide the ASumA item data into several item numbers with the same name.

The first six digits of the commodity code (HS6) in the harmonized system are mandatory. The 7th and 8th digits of the commodity code in the harmonized system are optional. These may not be indicated with "00" as a placeholder, as this would be regarded as an indication of content.

If a postal code is known to the sender or recipient, this must be stated.

Detailed Rule Description

Rule 1

If no goods description is given, the commodity code must be included.

When	warenbeschreibung	= EMPTY
must	warennummer	= FILLED

Rule 2

If no EORI number of the shipper is available, the address data of the shipper must be provided.

When	identifikationsnummer (Versender)	= EMPTY
must	name	= FILLED
and	streasse	= FILLED
and	ort	= FILLED
and	land	= FILLED

Rule 3

If a country has been specified for the sender and this originates from code list C0505 (Country without ZIP), a zip code must not be specified. However, if this is not the case, a zip code must be specified.

When	land (Versender)	= FILLED
and	land (Versender)	not = "country without ZIP"
must	postleitzahl	= FILLED

Rule 4

If no EORI number of the consignee is available, the address data of the consignee must be entered.

When	identifikationsnummer (Empfänger)	= EMPTY
must	name	= FILLED

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and	strasse	= *FILLED*
and	ort	= *FILLED*
and	land	= *FILLED*

Rule 5

If a country has been specified for the recipient and this originates from code list C0505 (Country without ZIP), no zip code may be specified. However, if this is not the case, a zip code must be specified.

When	land (Empfänger)	= *FILLED*
and	land (Empfänger)	nicht = "country without ZIP"
must	postleitzahl	= *FILLED*

Rule 6

If all digits before the decimal point have been entered for the gross weight, no digits after the decimal point may be entered. However, if not all pre-decimal places have been specified, decimal places may be entered. However, only as many as are possible according to the dependency of the lower pre-decimal places.

When	rohmasse	= *FILLED*
and	rohmasse ("16" pre-decimal digits)	= *FILLED*
must	rohmasse (decimal digits)	= *EMPTY*
or		
When	rohmasse	= *FILLED*
and	rohmasse ("15" pre-decimal digits)	= *FILLED*
and	rohmasse (decimal digits)	= *FILLED*
must	rohmasse (decimal digits)	= *FILLED (max. 1 digit)*
or		
When	rohmasse	= *FILLED*
and	rohmasse ("14" pre-decimal digits)	= *FILLED*
and	rohmasse (decimal digits)	= *FILLED*
must	rohmasse (decimal digits)	= *FILLED (max. 2 digits)*
or		
When	rohmasse	= *FILLED*
and	rohmasse ("13" pre-decimal digits)	= *FILLED*
and	rohmasse (decimal digits)	= *FILLED*
must	rohmasse (decimal digits)	= *FILLED (max. 3 digits)*
or		
When	rohmasse	= *FILLED*
and	rohmasse ("12" pre-decimal digits)	= *FILLED*
and	rohmasse (decimal digits)	= *FILLED*
must	rohmasse (decimal digits)	= *FILLED (max. 4 digits)*
or		
When	rohmasse	= *FILLED*
and	rohmasse ("11" pre-decimal digits)	= *FILLED*

and	rohmasse (decimal digits)	= *FILLED*
must	rohmasse (decimal digits)	= *FILLED (max. 5 digits)*
or		
When	rohmasse	= *FILLED*
and	rohmasse ("10" pre-decimal digits)	= *FILLED*
and	rohmasse (decimal digits)	= *FILLED*
must	rohmasse (decimal digits)	= *FILLED (max. 6 digits)*

3.4.1 Element structure – AsumAWirtschaftsbeteiligte

At this point, the client can specify the additional economic operator(s) (e.g. the manufacturer of the goods) who will be involved in the exit summary declaration (ASumA). If there are several economic operators, a corresponding number of elements must be transmitted to the BHT.

```
<xs:element minOccurs="0" name="ASumAWirtschaftsbeteiligte">
 <xs:complexType>
  <xs:sequence>
   <xs:element maxOccurs="99" name="ASumAWirtschaftsbeteiligter">
    <xs:annotation>
     <xs:documentation>additional economic operators</xs:documentation>
    </xs:annotation>
    <complexType>
     <xs:sequence>
      <xs:element name="LfdNr">
       <xs:simpleType>
        <xs:restriction base="xs:int">
         <xs:maxInclusive value="99" />
         <xs:minInclusive value="1" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" name="Identifikationsnummer">
       <xs:annotation>
        <xs:documentation>Identification Number</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="17" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" name="Funktion">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="3" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
     </xs:sequence>
    </complexType>
   </xs:element>
  </xs:sequence>
 </xs:complexType>
</xs:element>
```

Elementname / Elementstruktur	Description
ASumAWirtschaftsbeteiligte / BHTASumAWirtschaftsbeteiligterType	Information on the additional economic operators.
LfdNr	Consecutive number when specifying an additional economic operator.

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Elementname / Elementstruktur	Description
Identifikationsnummer	EORI number of the additional economic operator
Funktion	Function of the additional economic operator Ausprägungen: "CS" = Sammelladungsspediteur "FW" = Spediteur "MF" = Hersteller "WH" = Lagerhalter

General Rule Description

If the client has information on additional economic operators, he can specify these either in relation to the ASumA header data or in relation to the ASumA item data. **Simultaneous** specification of the element in the ASumA header data and the ASumA item data is **not permitted**. It is possible to enter up to 99 (different) economic operators. The client must transmit each participant to the BHT with a unique serial number. The sequential number must be entered in ascending order when creating participants.

If there is a change in the constellation of economic operators, the order must be canceled. A new ASumA-MRN must be created.

Detailed Rule Description

Not relevant

3.4.2 Element structure – AsumAUnterlagen

The client can specify additional information and codes (documents) at this point, which are used during the exit summary declaration (ASumA). If there are several codes, a corresponding number of elements must be transmitted to the BHT.

```
<xs:element minOccurs="0" name="ASumAUnterlagen">
 <xs:complexType>
  <xs:sequence>
   <xs:element maxOccurs="99" name="ASumAUnterlage">
    <xs:annotation>
     <xs:documentation>documents</xs:documentation>
    </xs:annotation>
    <complexType>
     <xs:sequence>
      <xs:element name="LfdNr">
       <xs:simpleType>
        <xs:restriction base="xs:int">
         <xs:maxInclusive value="99" />
         <xs:minInclusive value="1" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" name="Art">
       <xs:annotation>
        <xs:documentation>Type</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:length value="4" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" name="Referenznummer">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="70" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
     </xs:sequence>
    </complexType>
   </xs:element>
  </xs:sequence>
 </xs:complexType>
</xs:element>
```

Elementname / Elementstruktur	Description
ASumAUnterlagen / ASumAUnterlageType	Specifications of documents
LfdNr	Consecutive number when specifying documents
Art	Coding of the type of document *Code liste: see www.zoll.de – Codeliste I0923 (ASumA-Header) or I0924 (ASumA-Position)*

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Elementname / Elementstruktur	Description
Referenznummer	Reference number of the document

General Rule Description

If the client has information of documents, other references or additional information, he can enter these either in relation to the ASumA header data and/or in relation to the ASumA item data. It is possible to enter up to 99 (different) codes in each case. The client must transmit each coding to the BHT with a unique sequential number. The sequential number must be entered in ascending order when codes are created.

If something changes in the coding, the order must be canceled. A new ASumA-MRN must be created.

Detailed Rule Description

Not relevant

dbh

3.4.3 Element structure – AsumASonstigeVerweise

The client can specify additional information and codes (references) at this point, which are used during the exit summary declaration (ASumA). If there are several codes, a corresponding number of elements must be transmitted to the BHT.

```
<xs:element minOccurs="0" name="ASumASonstigeVerweise">
 <xs:complexType>
  <xs:sequence>
   <xs:element maxOccurs="99" name="ASumASonstigerVerweis">
    <xs:annotation>
     <xs:documentation>other references</xs:documentation>
    </xs:annotation>
    <complexType>
     <xs:sequence>
      <xs:element name="LfdNr">
       <xs:simpleType>
        <xs:restriction base="xs:int">
         <xs:maxInclusive value="99" />
         <xs:minInclusive value="1" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" name="Art">
       <xs:annotation>
        <xs:documentation>Type</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:length value="4" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" name="Referenznummer">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="70" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
     </xs:sequence>
    </complexType>
   </xs:element>
  </xs:sequence>
 </xs:complexType>
</xs:element>
```

Elementname / Elementstruktur	Description
ASumASonstigeVerweise / ASumAUnterlageType	Indication of other references
LfdNr	Consecutive number when specifying other references
Art	Coding of the type of other references *Code list: see www.zoll.de – Codeliste I0913 (ASumA-Header) or I0914 (ASumA-Position)*

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Elementname / Elementstruktur	Description
Referenznummer	Reference number of other references

General Rule Description

If the client has information of documents, other references or additional information, he can enter these either in relation to the ASumA header data and/or in relation to the ASumA item data. It is possible to enter up to 99 (different) codes in each case. The client must transmit each coding to the BHT with a unique sequential number. The sequential number must be entered in ascending order when codes are created.

If something changes in the coding, the order must be canceled. A new ASumA-MRN must be created.

Detailed Rule Description

Not relevant

3.4.4 Element structure – AsumAZusätzlicheInformationen

The client can specify additional information and codes (additional information) at this point, which are used during the exit summary declaration (ASumA). If there are several codes, a corresponding number of elements must be transmitted to the BHT.

```xml
<xs:element minOccurs="0" name="AsumAZusaetzlicheInformationen">
 <xs:complexType>
  <xs:sequence>
   <xs:element maxOccurs="99" name="AsumAZusaetzlicheInformation">
    <xs:annotation>
     <xs:documentation>additional Information</xs:documentation>
    </xs:annotation>
    <complexType>
     <xs:sequence>
      <xs:element name="LfdNr">
       <xs:simpleType>
        <xs:restriction base="xs:int">
         <xs:maxInclusive value="99" />
         <xs:minInclusive value="1" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" name="Code">
       <xs:annotation>
        <xs:documentation>Type</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:length value="5" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" name="Text">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="512" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
     </xs:sequence>
    </complexType>
   </xs:element>
  </xs:sequence>
 </xs:complexType>
</xs:element>
```

Elementname / Elementstruktur	Description
AsumAZusaetzlicheInformationen / BhtASumAZUsaetzlicheInformationType	Additional Information
LfdNr	Consecutive number when specifying additional information

Elementname / Elementstruktur	Description
Code	Coding of the type of additional information
	Code list: see www.zoll.de – Codeliste I0903 (ASumA-Header) or I0904 (ASumA-Position)
Text	Note / explanatory text

General Rule Description

If the client has information of documents, other references or additional information, he can enter these either in relation to the ASumA header data and/or in relation to the ASumA item data. It is possible to enter up to 99 (different) codes in each case. The client must transmit each coding to the BHT with a unique sequential number. The sequential number must be entered in ascending order when codes are created.

If something changes in the coding, the order must be canceled. A new ASumA-MRN must be created.

Detailed Rule Description

Not relevant

3.4.5 Element structure – AsumAGefahrgueter

All data relevant to dangerous goods for an ASumA goods item can be entered here. If the item has several dangerous goods properties, a corresponding number of dangerous goods elements must be transmitted for this goods item.

```
<xs:element minOccurs="0" name="ASumAGefahrgueter">
 <xs:complexType>
  <xs:sequence>
   <xs:element maxOccurs="99" name="ASumAGefahrgut">
    <xs:annotation>
     <xs:documentation>HazMat UN-No.</xs:documentation>
    </xs:annotation>
    <complexType>
     <xs:sequence>
      <xs:element name="LfdNr">
       <xs:simpleType>
        <xs:restriction base="xs:int">
         <xs:maxInclusive value="99" />
         <xs:minInclusive value="1" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" name="UnGefahrgutNr">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:length value="4" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
     </xs:sequence>
    </complexType>
   </xs:element>
  </xs:sequence>
 </xs:complexType>
</xs:element>
```

Elementname / Elementstruktur	Description
AsumAGefahrgueter / ASumAGefahrgutType	Information on dangerous goods.
LfdNr	Consecutive number of a dangerous goods declaration within an AsumA goods item
UNGefahrgutNr	Number for a substance according to the list of dangerous goods by the United Nations *Code liste: Gefahrgut UN-Nummern (UNNR)*

General Rule Description

If the client has information about dangerous goods, he can enter this in the order for the respective ASumA goods item. It is possible to enter up to 99 (different) dangerous goods items per goods item. The client must transmit each dangerous goods item to the BHT with a

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unique serial number. The sequential number must be entered in ascending order when creating dangerous goods items.

If anything changes in the dangerous goods details, the order must be canceled. A new ASumA-MRN must be created.

Detailed Rule Description

Not relevant

3.4.6 Element – GemeinschaftswareOhneVerwahrung/AsumAVerfahrensuebergang

Explanation of the procedure transition:

The transfer of procedure, formerly known as the termination part, is always relevant when non-Community goods are in temporary storage in a seaport, e.g. Wilhelmshaven, Bremen or Hamburg. This can be, for example, import cargo awaiting transshipment or non-Community goods that have been delivered to the port on land and are to be loaded onto a seagoing vessel. Previously, temporary storage was opened, managed and also terminated outside the ASumA process. With the introduction of ATLAS-WKS, the termination of temporary storage in the ASumA is mandatory. Therefore, the necessary elements for the process transition must be integrated into ALPO/BHT and taken into account accordingly in the interface.

The challenge for the declarant of the ASumA for the export shipment is to know the exact presentation of the custody stock and to declare the export shipment accordingly in order to avoid a mismatch of the number and packages.

```xml
<xs:choice>
 <xs:element name="GemeinschaftswareOhneVerwahrung">
  <xs:annotation>
   <xs:documentation>EU community goods without temporary storage</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
   <xs:restriction base="xs:string">
    <xs:enumeration value="true" />
   </xs:restriction>
  </xs:simpleType>
 </xs:element>
 <xs:element minOccurs="0" name="ASumAVerfahrensuebergang">
  <xs:complexType>
   <xs:sequence>
    <xs:element  maxOccurs="99"  name="ASumAWarenpositionsverweis"  type="ASumAVerfahrensuebergangWarenpositionsverweisType">
     <xs:annotation>
      <xs:documentation>Goods Reference</xs:documentation>
     </xs:annotation>
    </xs:element>
   </xs:sequence>
  </xs:complexType>
 </xs:element>
</xs:choice>
```

Elementname / Elementstruktur	Beschreibung
GemeinschaftswareOhneVerwahrung	Indication whether the goods tob e shipped ia the seaport are commodity goods without temporary storage. Enumeration: "true"
ASumAVerfahrensuebergang / ASumAVerfahrensuebergangWarenpositionsverweisType	Beinhaltet Informationen zum Verfahrensübergang.

3.4.6.1 GemeinschaftswareOhneVerwahrung

There are a few exceptions in which an ASumA is created for Community goods, but which are not based on temporary storage in the seaport. In these cases, it is possible to indicate this and avoid the obligation to provide information on the procedure transition / ASumAVerfahrensuebergang.

```
<xs:choice>
 <xs:element name="GemeinschaftswareOhneVerwahrung">
  <xs:annotation>
   <xs:documentation>EU community goods without temporary storage</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
   <xs:restriction base="xs:string">
    <xs:enumeration value="true" />
   </xs:restriction>
  </xs:simpleType>
 </xs:element>
</xs:choice>
```

Elementname / Elementstruktur	Beschreibung
GemeinschaftswareOhneVerwahrung	Indication whether the goods tob e shipped ia the seaport are commodity goods without temporary storage. Enumeration: "true"

General Rule Description

In exceptional cases, it may be necessary to create an ASumA for a consignment for which there is no temporary storage in the seaport and therefore no information can be transmitted in the procedure transition. An example of this would be Community goods for which customs requests the subsequent declaration of security-relevant data via ASumA. In this case, the obligation to provide the data for the ASumA procedure transition can be avoided by specifying the element GemeinschaftswareOhneVerwahrung = true.

Attention: Incorrect use of this option may result in temporary storage stocks in the seaport not being terminated and the perpetrator may face customs consequences.

Detailed Rule Description

Rule 1

If   GemeinschaftswareOhneVerwahrung   = „true"

then   ASumAVerfahrensuebergang   = *empty*

3.4.6.2 ASumAVerfahrensuebergang

All information on the procedure transition (previously: termination part) for an ASumA goods item can be entered here. If several items of one or more previous customs procedures are to be terminated with the exit summary declaration (ASumA), a corresponding number of elements must be transmitted for this goods item.

The challenge for the declarant of the ASumA for the export consignment is to know the exact make-up of the temporary storage stock and to declare the export consignment accordingly in order to avoid a mismatch of the number and packages.

Example:
- On the import side, a temporary storage/SumA with 10 cartons of sporting goods is declared.
- On the export side, 5 boxes of sports pants and 5 boxes of T-shirts are declared in the ASumA.

In this case, an ATLAS error would occur because the details in the ASumA do not match the declared goods in the temporary storage. It would be correct to also declare 10 boxes of sports articles in the export declaration.

```xml
<xs:element minOccurs="0" name="ASumAVerfahrensuebergang">
 <xs:complexType>
  <xs:sequence>
   <xs:element maxOccurs="99" name="ASumAWarenpositionsverweis">
    <xs:annotation>
     <xs:documentation>Goods Reference</xs:documentation>
    </xs:annotation>
    <complexType>
     <xs:sequence>
      <xs:element name="LfdNr">
       <xs:simpleType>
        <xs:restriction base="xs:int">
         <xs:maxInclusive value="999" />
         <xs:minInclusive value="1" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" name="Art">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:enumeration value="REG" />
         <xs:enumeration value="MRN" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
```

```
              <xs:element minOccurs="0" name="MrnQuellverfahren">
                <xs:simpleType>
                 <xs:restriction base="xs:string">
                  <xs:length value="18" />
                 </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element minOccurs="0" name="RegistriernummerQuellverfahren">
                <xs:simpleType>
                 <xs:restriction base="xs:string">
                  <xs:length value="21" />
                 </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element minOccurs="0" name="PositionsnummerQuellverfahren">
                <xs:simpleType>
                 <xs:restriction base="xs:int">
                  <xs:maxInclusive value="9999" />
                  <xs:minInclusive value="1" />
                 </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element minOccurs="0" name="PackstueckAnzahl">
                <xs:simpleType>
                 <xs:restriction base="xs:int">
                  <xs:maxInclusive value="99999" />
                  <xs:minInclusive value="1" />
                 </xs:restriction>
                </xs:simpleType>
              </xs:element>
            </xs:sequence>
           </complexType>
          </xs:element>
         </xs:sequence>
        </xs:complexType>
</xs:element>
```

Elementname / Elementstruktur	Description
ASumAVerfahrensuebergang / ASumAVerfahrensuebergangWarenpositionsverweisType	Information on procedure transition.
LfdNr	Consecutive number for the specification of procedural transitions
Art	Coding of the type of procedure transition Options: "REG" = Registration number (ATB) / position related identification "MRN" = MRN-/ position related identification
MrnQuellverfahren	Master Reference Number (MRN) of the SumA-process, which ist o be completed in whole or in part
RegistriernummerQuellverfahren	Registration number (ATB) of the SumA-process, which is to be completed in whole or in part
PositionsnummerQuellverfahren	Position number of the SumA-process, which is to be completed in whole or in part

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Elementname / Elementstruktur	Description
PackstueckAnzahl	Packages of a position in a SumA process that are to be completed

General Rule Description

If an order is directed to a shed code within the free-trade zone, no ASumAVerfahrensueber-gang element may be specified. If an order is directed to a shed code outside a free-trade zone, at least one ASumAVerfahrensuebergang element must be specified. A list of the shed codes and the assignment to free-trade zone / non-free-trade zone can be found in the dbh KIS (www.dbh.de/kis/hafenwirtschaft/).

Up to 999 (different) previous customs procedures can be referenced per ASumA goods item. The client must transmit each element for a procedure transition to the BHT with a unique sequential number. The sequential number must be entered in ascending order when creating procedure transitions.

The process transitions of a goods item must always all have the same process transition coding (ART). This means that it is not permitted to switch between the "REG" and "MRN" specifications.

If there are any changes to the process transitions, the order must be canceled. A new ASumA-MRN must be created.

A registration number specified in the procedure transition must correspond to the following structure required by customs:

Digit 01-02: Indicator IT procedure ATLAS (an2) 'AT'
Digit 03-03: Type of document (an1) 'B
Digit 04-05: Procedure code (n2) '15'
Digit 06-11: Sequence number (n6)
Digit 12-13: Month (n2)
Digit 14-17: Year (n4)
Digit 18-21: Service centre number ATLAS (n4)

An MRN specified in the procedure transition must correspond to the following structure required by customs:

Digit 01-02: Year (n2) '00'-'99'

Digit 03-04: Country (a2) 'DE'

Digit 05-08: Service centre number ATLAS (n4)

Digit 09-09: Month (a1) 'A'-'L' Code list A1865

Digit 10-16: Number (an7)

Digit 17-17: Procedure identifier (a1) 'U' Code list A1973

Digit 18-18: Check digit (n1)

Detailed Rule Description

Rule 1

When	Art	= "MRN"
must	MrnQuellverfahren	= *FILLED*
and	RegistriernummerQuellverfahren	= *EMPTY*

Rule 2

When	Art	= "REG"
must	RegistriernummerQuellverfahren	= *FILLED*
must	MrnQuellverfahren	= *EMPTY*

Rule 3

If ASumAVerfahrensuebergang = *filled*
then GemeinschaftswareOhneVerwahrung = *empty*

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3.5 **Elementstruktur – ASumAPackstuecke**

The customs data for the exit summary declaration (ASumA) is divided into **header**, **item** and **package** data in the BHT. At this point, the client enters the package details that are directly related to certain ASumA item data and therefore in turn to an order item. The item data and the package details to be entered here represent the details of the goods to be exported in the ASumA.

```
<xs:element minOccurs="0" name="ASumAPackstuecke">
 <xs:complexType>
  <xs:sequence>
   <xs:element maxOccurs="99" name="ASumAPackstueck">
    <xs:annotation>
     <xs:documentation>ASumA package</xs:documentation>
    </xs:annotation>
    <complexType>
     <xs:sequence>
      <xs:element name="Anzahl">
       <xs:annotation>
        <xs:documentation>amount</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:int">
         <xs:maxInclusive value="99999999" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="0" name="Versandzeichen">
       <xs:annotation>
        <xs:documentation>mark</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="512" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element name="Verpackungsart">
       <xs:annotation>
        <xs:documentation>package type - Codeliste: siehe www.zoll.de</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="2" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
     </xs:sequence>
    </complexType>
   </xs:element>
  </xs:sequence>
 </xs:complexType>
</xs:element>
```

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Elementname / Elementstruktur	Description
ASumAPackstuecke / **BHTASumAPackstueckeType**	Contains export customs data for the exit summary declaration (ASumA) - package
Anzahl	Number of items packed in the same way and with the same marks and numbers or, in the case of loose goods, the number of items.
Versandzeichen	Marks and numbers of the packages
Verpackungsart	Code for the type of packaging (e.g. carton, drum) *Code list: Verpackungsartcodes (VC_ATLAS)*

General Rule Description

After entering the required customs information in the ASumA item data, the client can now enter the other necessary ASumA package data for the respective order item. It is possible to enter up to 99 (different) ASumA packages per goods item. The customer must transmit the ASumA package data to BHT with a unique serial number. The sequential number must be entered in ascending order when creating ASumA package data and when changing the order.

In the BHT-ASumA process, there is the customs view on the one hand and the port-logistical description of the goods on the other. The assignment of the respective export details to the order item in the port order is carried out by the client. Further details can be found in the description of the header element.

If the client specifies an existing ASumA MRN in a new port order in the "BHT" variant, the associated ASumA package data may not be transmitted to the BHT.

Further details on order modification and order cancellation in connection with the ASumA information can be found in Chapter 3 of the documentation - "BHT/WHT -Dokumentation - Ergänzung ASumA – V1.3".

If a package is declared as an "enclosed package" (= "Beipack"), the quantity must be "0". However, the packaging type must not contain any of the values "VQ", "VG", "VL", "VY", "VR", "VS", "VO", "NE", "NF" or "NG". In addition, there must be at least one other package within the goods item whose number is greater than "0" and whose information on the packaging type and symbol/number contains the same values as this package with the "accompanying package".

Detailed Rule Description

Rule 1

When specifying a particular type of packaging, the number must be "1".

When   Verpackungsart   = "VQ"
or   Verpackungsart   = "VG"

or	Verpackungsart	= "VL"
or	Verpackungsart	= "VY"
or	Verpackungsart	= "VR"
or	Verpackungsart	= "VS"
or	Verpackungsart	= "VO"
must	Anzahl	= "00000001"

Rule 2:

A shipping mark must be indicated if the goods are not loose (packaging type according to the customs code list).

When	Verpackungsart	not = "VQ"
and	Verpackungsart	not = "VG"
and	Verpackungsart	not = "VL"
and	Verpackungsart	not = "VY"
and	Verpackungsart	not = "VR"
and	Verpackungsart	not = "VS"
and	Verpackungsart	not = "VO"
must	Versandzeichen	= *FILLED*

4 ZAPP-Modul – ALPO-Order_IN (Auftrag)

4.1 Changes ZAPP order creation

As part of the WKS adjustments, Dakosy also made adjustments to ZAPP/EMP. This has resulted in adjustments to the process for receiving S-numbers (DUX registration case without MRN).

Please note that Dakosy will not be making any adjustments to the GM01 interface**. In future, WKS registrations must be made via HDS.**

~~DAKOSY will no longer support the declaration of ASumA MRNs created outside of ZAPP/EMP from the switch to ATLAS-WKS.~~ **~~The customs procedure „Summarische Ausgangsanmeldung mit MRN" (DUX mit MRN) in ALPO will no longer be available as soon as DAKOSY switches to ATLAS-WKS.~~** ~~ASumA can be created directly using the „Summarische Ausgangsanmeldung ohne MRN" (DUX ohne MRN) procedure.~~

This original statement was revised by DAKOSY, see chapter 4.7.

4.2 **Element structure – HafenauftragZollDatenZappType**

```xml
<xs:complexType name="HafenauftragZollDatenZappType">
 <xs:sequence>
  <xs:element name="ZollZaehler">
   <xs:annotation>
    <xs:documentation>counter for custom segments</xs:documentation>
   </xs:annotation>
   <xs:simpleType>
    <xs:restriction base="xs:int">
     <xs:minInclusive value="1" />
     <xs:maxInclusive value="9999" />
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
  <xs:element minOccurs="0" name="ArtAnmeldung">
   <xs:annotation>
    <xs:documentation>kind of declaration (ZAPP custom rule) - Use 'DUX' for ASumA - Data without MRN
    </xs:documentation>
   </xs:annotation>
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:enumeration value="AUS" />
     <xs:enumeration value="aus" />
     <xs:enumeration value="DUX" />
     <xs:enumeration value="dux" />
     <xs:enumeration value="EUB" />
     <xs:enumeration value="eub" />
     <xs:enumeration value="MIT" />
     <xs:enumeration value="mit" />
     <xs:enumeration value="SBF" />
     <xs:enumeration value="sbf" />
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
  <xs:element minOccurs="0" name="Verfahrenscode">
   <xs:annotation>
    <xs:documentation>custom rule layout e.g. 1040</xs:documentation>
   </xs:annotation>
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:maxLength value="4" />
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
  <xs:element minOccurs="0" name="AdresseAnmelder" type="HafenauftragZappAdresseType">
   <xs:annotation>
    <xs:documentation>address declarant</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element minOccurs="0" name="AdresseAusfuehrer" type="HafenauftragZappAdresseType">
   <xs:annotation>
    <xs:documentation>address exporter (consignor)</xs:documentation>
   </xs:annotation>
  </xs:element>
  <xs:element minOccurs="0" name="Herkunftsland">
   <xs:annotation>
    <xs:documentation>country of origin (UN-Countrycodes)</xs:documentation>
```

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```xml
      </xs:annotation>
      <xs:simpleType>
       <xs:restriction base="xs:string">
        <xs:maxLength value="2" />
       </xs:restriction>
      </xs:simpleType>
     </xs:element>
     <xs:element name="Bestimmungsland">
      <xs:annotation>
       <xs:documentation>country of destination (un country code)</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
       <xs:restriction base="xs:string">
        <xs:maxLength value="2" />
       </xs:restriction>
      </xs:simpleType>
     </xs:element>
     <xs:element minOccurs="0" name="ZollPos">
      <xs:annotation>
       <xs:documentation>custom item / position at custom document</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
       <xs:restriction base="xs:int">
        <xs:minInclusive value="1" />
        <xs:maxInclusive value="999" />
       </xs:restriction>
      </xs:simpleType>
     </xs:element>
     <xs:element name="Warenbeschreibung">
      <xs:annotation>
       <xs:documentation>good description</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
       <xs:restriction base="xs:string">
        <xs:maxLength value="240" />
       </xs:restriction>
      </xs:simpleType>
     </xs:element>
     <xs:element minOccurs="0" name="StatWarennr">
      <xs:annotation>
       <xs:documentation>statistic good number (custom)</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
       <xs:restriction base="xs:string">
        <xs:maxLength value="8" />
       </xs:restriction>
      </xs:simpleType>
     </xs:element>
     <xs:element minOccurs="0" name="Eigenmasse">
      <xs:annotation>
       <xs:documentation>net weight</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
       <xs:restriction base="xs:decimal">
        <xs:totalDigits value="11" />
        <xs:fractionDigits value="3" />
       </xs:restriction>
      </xs:simpleType>
```

```xml
      </xs:element>
      <xs:element minOccurs="0" name="Rohmasse">
       <xs:annotation>
        <xs:documentation>raw weight</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:decimal">
         <xs:totalDigits value="11" />
         <xs:fractionDigits value="3" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="0" name="MerkmalStempel">
       <xs:annotation>
        <xs:documentation>mark stamp</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:enumeration value="true" />
         <xs:enumeration value="false" />
         <xs:enumeration value="True" />
         <xs:enumeration value="False" />
         <xs:enumeration value="TRUE" />
         <xs:enumeration value="FALSE" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="0" name="Vorpapier">
       <xs:annotation>
        <xs:documentation>pre customs document number</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="50" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="0" name="Vermerke">
       <xs:annotation>
        <xs:documentation>remarks</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="225" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="0" name="Marktordnungsware">
       <xs:annotation>
        <xs:documentation>goods market regulations</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string" />
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="0" name="WarenWert">
       <xs:annotation>
        <xs:documentation>good value</xs:documentation>
```

```
     </xs:annotation>
     <xs:simpleType>
      <xs:restriction base="xs:string" />
     </xs:simpleType>
    </xs:element>
    <xs:element minOccurs="0" name="AKMVorlageBefreit">
     <xs:annotation>
      <xs:documentation>not used</xs:documentation>
     </xs:annotation>
     <xs:simpleType>
      <xs:restriction base="xs:string" />
     </xs:simpleType>
    </xs:element>
    <xs:element minOccurs="0" name="GVDEVorhanden">
     <xs:annotation>
      <xs:documentation>not used</xs:documentation>
     </xs:annotation>
     <xs:simpleType>
      <xs:restriction base="xs:string" />
     </xs:simpleType>
    </xs:element>
    <xs:element minOccurs="0" name="GVDE">
     <xs:annotation>
      <xs:documentation>not used</xs:documentation>
     </xs:annotation>
     <xs:simpleType>
      <xs:restriction base="xs:string" />
     </xs:simpleType>
    </xs:element>
    <xs:element minOccurs="0" name="SonstBefreiung">
     <xs:annotation>
      <xs:documentation>other exemptions</xs:documentation>
     </xs:annotation>
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:enumeration value="TRUE" />
       <xs:enumeration value="True" />
       <xs:enumeration value="true" />
       <xs:enumeration value="FALSE" />
       <xs:enumeration value="False" />
       <xs:enumeration value="false" />
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
    <xs:element minOccurs="0" name="NummernAM">
     <xs:annotation>
      <xs:documentation>number at custom declaration</xs:documentation>
     </xs:annotation>
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:maxLength value="18" />
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
    <xs:element minOccurs="0" name="RegistrierNr">
     <xs:annotation>
      <xs:documentation>register number (ZAPP
              custom: DOK / MOW)
```

```
            When kind of declaration = MIT: ATB-referencenumber
     </xs:documentation>
    </xs:annotation>
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:maxLength value="25" />
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
   <xs:element minOccurs="0" name="Abgabeunternehmen">
    <xs:annotation>
     <xs:documentation>ZAPP specific when kind of declaration MIT: SumA company</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:maxLength value="175" />
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
   <xs:element minOccurs="0" name="ASumaMRN">
    <xs:annotation>
     <xs:documentation>ZAPP specific when kind of declaration MIT: EXS ASumA MRN</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:maxLength value="18" />
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
   <xs:element minOccurs="0" name="Empfaenger">
    <xs:annotation>
     <xs:documentation>ZAPP specifict when kind of declaration = MIT: receiver of goods
     </xs:documentation>
    </xs:annotation>
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:maxLength value="175" />
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
   <xs:element minOccurs="0" name="ESumaMRN">
    <xs:annotation>
     <xs:documentation>ZAPP specific when kind of declaration = MIT: ICS ESumA MRN or reference of annex
            30A data
     </xs:documentation>
    </xs:annotation>
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:maxLength value="18" />
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
   <xs:element minOccurs="0" name="SumaArt">
    <xs:annotation>
     <xs:documentation>ZAPP specific when kind of declaration=MIT: Kind of SumA</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
     <xs:restriction base="xs:string">
```

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```xml
      <xs:length value="1" />
      <xs:enumeration value="N" />
      <xs:enumeration value="V" />
      <xs:enumeration value="E" />
      <xs:enumeration value="A" />
      <xs:enumeration value="n" />
      <xs:enumeration value="v" />
      <xs:enumeration value="e" />
      <xs:enumeration value="a" />
     </xs:restriction>
   </xs:simpleType>
 </xs:element>
 <xs:element minOccurs="0" name="SumaBefreiungsgrund">
  <xs:annotation>
   <xs:documentation>ZAPP specific when kind of declaration=MIT: release reason from ASumA
   </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
   <xs:restriction base="xs:string">
    <xs:length value="1" />
    <xs:enumeration value="0" />
    <xs:enumeration value="2" />
    <xs:enumeration value="3" />
    <xs:enumeration value="4" />
    <xs:enumeration value="6" />
   </xs:restriction>
  </xs:simpleType>
 </xs:element>
 <xs:element minOccurs="0" name="SumaBefreiungsfall">
  <xs:annotation>
   <xs:documentation>not used</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
   <xs:restriction base="xs:string">
    <xs:maxLength value="3" />
   </xs:restriction>
  </xs:simpleType>
 </xs:element>
 <xs:element minOccurs="0" name="Notfallverfahren">
  <xs:annotation>
   <xs:documentation>flag for ATLAS failure breakdown, Masterticket send in field ESumaMRN
   </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
   <xs:restriction base="xs:string">
    <xs:enumeration value="TRUE" />
    <xs:enumeration value="True" />
    <xs:enumeration value="true" />
    <xs:enumeration value="FALSE" />
    <xs:enumeration value="False" />
    <xs:enumeration value="false" />
   </xs:restriction>
  </xs:simpleType>
 </xs:element>
 <xs:element minOccurs="0" name="ASumAVersender">
  <xs:annotation>
   <xs:documentation>ZAPP specific when kind of declaration=DUX (DUX without MRN)</xs:documentation>
  </xs:annotation>
```

```xml
      <xs:complexType>
       <xs:choice>
        <xs:annotation>
         <xs:documentation>EORI or full adress</xs:documentation>
        </xs:annotation>
        <xs:element name="EORI">
         <xs:simpleType>
          <xs:restriction base="xs:string">
           <xs:maxLength value="17" />
          </xs:restriction>
         </xs:simpleType>
        </xs:element>
        <xs:sequence>
         <xs:element name="Name">
          <xs:simpleType>
           <xs:restriction base="xs:string">
            <xs:maxLength value="35" />
           </xs:restriction>
          </xs:simpleType>
         </xs:element>
         <xs:element name="Strasse">
          <xs:simpleType>
           <xs:restriction base="xs:string">
            <xs:maxLength value="35" />
           </xs:restriction>
          </xs:simpleType>
         </xs:element>
         <xs:element name="Ort">
          <xs:simpleType>
           <xs:restriction base="xs:string">
            <xs:maxLength value="35" />
           </xs:restriction>
          </xs:simpleType>
         </xs:element>
         <xs:element name="Postleitzahl">
          <xs:simpleType>
           <xs:restriction base="xs:string">
            <xs:maxLength value="35" />
           </xs:restriction>
          </xs:simpleType>
         </xs:element>
         <xs:element name="Land">
          <xs:simpleType>
           <xs:restriction base="xs:string">
            <xs:maxLength value="35" />
           </xs:restriction>
          </xs:simpleType>
         </xs:element>
        </xs:sequence>
       </xs:choice>
      </xs:complexType>
     </xs:element>
     <xs:element minOccurs="0" name="ASumAWarenEmpfaenger">
      <xs:annotation>
       <xs:documentation>ZAPP specific when kind of declaration=DUX (DUX without MRN)</xs:documentation>
      </xs:annotation>
      <xs:complexType>
       <xs:choice>
```

```xml
    <xs:annotation>
     <xs:documentation>EORI or full adress</xs:documentation>
    </xs:annotation>
    <xs:element name="EORI">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:maxLength value="17" />
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
    <xs:sequence>
     <xs:element name="Name">
      <xs:simpleType>
       <xs:restriction base="xs:string">
        <xs:maxLength value="35" />
       </xs:restriction>
      </xs:simpleType>
     </xs:element>
     <xs:element name="Strasse">
      <xs:simpleType>
       <xs:restriction base="xs:string">
        <xs:maxLength value="35" />
       </xs:restriction>
      </xs:simpleType>
     </xs:element>
     <xs:element name="Ort">
      <xs:simpleType>
       <xs:restriction base="xs:string">
        <xs:maxLength value="35" />
       </xs:restriction>
      </xs:simpleType>
     </xs:element>
     <xs:element name="Postleitzahl">
      <xs:simpleType>
       <xs:restriction base="xs:string">
        <xs:maxLength value="35" />
       </xs:restriction>
      </xs:simpleType>
     </xs:element>
     <xs:element name="Land">
      <xs:simpleType>
       <xs:restriction base="xs:string">
        <xs:maxLength value="35" />
       </xs:restriction>
      </xs:simpleType>
     </xs:element>
    </xs:sequence>
   </xs:choice>
  </xs:complexType>
 </xs:element>
 <xs:element minOccurs="0" name="ASumAAnmelder">
  <xs:annotation>
   <xs:documentation>ZAPP specific when kind of declaration=DUX (DUX without MRN)</xs:documentation>
  </xs:annotation>
  <xs:complexType>
   <xs:sequence>
    <xs:element name="Name">
     <xs:simpleType>
```

```xml
        <xs:restriction base="xs:string">
         <xs:maxLength value="35" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element name="Ort">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="35" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
     </xs:sequence>
    </xs:complexType>
   </xs:element>
   <xs:element minOccurs="0" name="ASumABefoerderer">
    <xs:annotation>
     <xs:documentation>ZAPP specific when kind of declaration=DUX (DUX without MRN)</xs:documentation>
    </xs:annotation>
    <xs:complexType>
     <xs:sequence>
      <xs:element name="EORI">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="17" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
     </xs:sequence>
    </xs:complexType>
   </xs:element>
   <xs:element minOccurs="0" name="ASumATransportdokumente">
    <xs:complexType>
     <xs:sequence>
      <xs:element maxOccurs="99" name="ASumATransportdokument">
       <xs:annotation>
        <xs:documentation>ZAPP specific when kind of declaration=DUX (DUX without MRN)</xs:documentation>
       </xs:annotation>
        <complexType>[…]</complexType>
      </xs:element>
     </xs:sequence>
    </xs:complexType>
   </xs:element>
   <xs:element minOccurs="0" name="ASumAGefahrgueter">
    <xs:complexType>
     <xs:sequence>
      <xs:element maxOccurs="99" name="ASumAGefahrgut">
       <xs:annotation>
        <xs:documentation>ZAPP specific when kind of declaration=DUX (DUX without MRN)</xs:documentation>
       </xs:annotation>
        <complexType>[…]</complexType>
      </xs:element>
     </xs:sequence>
    </xs:complexType>
   </xs:element>
   <xs:element minOccurs="0" name="ASumAVerfahrensuebergang">
    <xs:complexType>
     <xs:sequence>
```

```
    <xs:element maxOccurs="99" name="ASumAWarenpositionsverweis">
     <xs:annotation>
      <xs:documentation>ZAPP specific when kind of declaration=DUX (DUX without MRN)</xs:documentation>
     </xs:annotation>
         <complexType>[…]</complexType>
     </xs:element>
    </xs:sequence>
   </xs:complexType>
  </xs:element>
 </xs:sequence>
</xs:complexType>
```

Element name / Element structure	Description
HafenauftragZollDatenZapp	Contains information on customs data for ZAPP-orders
ArtAnmeldung	kind of declaration (ZAPP custom rule)
Verfahrenscode	custom rule layout
AdresseAnmelder[…]	address declarant
AdresseAusfuehrer[…]	address exporter (consignor)
Herkunftsland	country of origin (UN-Countrycodes)
Bestimmungsland	country of destination (un country code)
ZollPos	custom item / position at custom document
Warenbeschreibung	good description
StatWarennr	statistic good number (custom)
Eigenmasse	net weight
Rohmasse	raw weight
MerkmalStemoel	mark stamp
Vorpapier	pre customs document number
Vermerke	remarks
Marktordnungsware	goods market regulations
WarenWert	good value
AKMVorlageBefreit	- not used
GVDEVorhanden	- not used
GVDE	- not used
SonstBefreiung	other exemptions
NummernAM	number at custom declaration
RegistierNr	register number (ZAPP custom: DOK, MOW; MIT: ATB-refe-rencenumber)
Abgabeunternehmen	ZAPP specific when kind of declaration MIT: SumA company
ASumAMRN	ZAPP specific when kind of declaration MIT: EXS ASumA MRN
Empfänger	ZAPP specifict when kind of declaration = MIT: receiver of goods
ESumaMRN	ZAPP specific when kind of declaration = MIT: ICS ESumA MRN or reference of annex
SumaArt	ZAPP specific when kind of declaration=MIT: Kind of SumA
SumaBefreiungsgrund	ZAPP specific when kind of declaration=MIT: release reason from ASumA
SumaBefreiungsfall	- not used

Element name / Element structure	Description
Notfallverfahren	flag for ATLAS failure breakdown, Masterticket send in field ESumaMRN
ASumAVersender[…]	ZAPP specific when kind of declaration=DUX (DUX without MRN)
ASumAWarenEmpfaenger[…]	ZAPP specific when kind of declaration=DUX (DUX without MRN)
ASumAAnmelder[…]	ZAPP specific when kind of declaration=DUX (DUX without MRN)
ASumABefoerderer[…]	ZAPP specific when kind of declaration=DUX (DUX without MRN)
ASumATransportdokumente[…]	ZAPP specific when kind of declaration=DUX (DUX without MRN)
ASumAGefahrgueter[…]	ZAPP specific when kind of declaration=DUX (DUX without MRN)
ASumAVerfahrensübergang[…]	ZAPP specific when kind of declaration=DUX (DUX without MRN)

For reasons of clarity of the documentation, only the changed areas of the ALPO-Order_IN are repeated and defined in more detail below. All elements that have not undergone any changes are not specified in more detail.

4.3 Element structure – AsumABefoerderer

According to the ATLAS specification, the carrier is the person who moves the goods or is responsible for the movement of the goods. This is defined more precisely in Article 5 No. 40 UZK.

```
<xs:element minOccurs="0" name="ASumABefoerderer">
 <xs:annotation>
  <xs:documentation>ZAPP specific when kind of declaration=DUX (DUX without MRN)</xs:documentation>
 </xs:annotation>
 <xs:complexType>
  <xs:sequence>
   <xs:element name="EORI">
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:maxLength value="17" />
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
  </xs:sequence>
 </xs:complexType>
</xs:element>
```

Element name / Element structure	Description
ASumABefoerderer	Information on carrier for DUX without MRN
EORI	EORI of the carrier

General Rule Description

The indication of a carrier is mandatory for the declaration type DUX without MRN in WKS.

Detailed Rule Description

Not relevant

dbh

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4.4 Element structure – ASumATransportdokumente

This element can be used to provide information on the transport documents for the goods.

```xml
<xs:element minOccurs="0" name="ASumATransportdokumente">
 <xs:complexType>
  <xs:sequence>
   <xs:element maxOccurs="99" name="ASumATransportdokument" type="ZappASumAUnterlageType">
    <xs:annotation>
     <xs:documentation>ZAPP specific when kind of declaration=DUX (DUX without MRN)</xs:documentation>
    </xs:annotation>
    <xs:complexType>
     <xs:sequence>
      <xs:element name="LfdNr">
       <xs:simpleType>
        <xs:restriction base="xs:int">
         <xs:maxInclusive value="99" />
         <xs:minInclusive value="1" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" name="Art">
       <xs:annotation>
        <xs:documentation>Type</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:length value="4" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" name="Referenznummer">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="70" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
     </xs:sequence>
    </xs:complexType>
   </xs:element>
  </xs:sequence>
 </xs:complexType>
</xs:element>
```

Element name / Elementstructure	Description
ASumATransportdokumente	Contains information on the transport documents for DUX without MRN
LfdNr	Consecutive number when specifying a transport document.
Art	Coding of the type of transport document *Code list: see www.zoll.de – Code list I0943*
Referenznummer	Reference number of the transport document

General Rule Description

The indication of at least one transport document is mandatory for the declaration type DUX without MRN in WKS.

Detailed Rule Description

Not relevant

4.5 **Element structure – AsumAGefahrgueter**

In the case of dangerous goods, the UN number must be entered in this element. Up to 99 UN numbers per goods item are possible.

```xml
<xs:element minOccurs="0" name="ASumAGefahrgueter">
 <xs:complexType>
  <xs:sequence>
   <xs:element maxOccurs="99" name="ASumAGefahrgut">
    <xs:annotation>
     <xs:documentation>ZAPP specific when kind of declaration=DUX (DUX without MRN)</xs:documentation>
    </xs:annotation>
    <xs:complexType>
     <xs:sequence>
      <xs:element name="LfdNr">
       <xs:simpleType>
        <xs:restriction base="xs:int">
         <xs:maxInclusive value="99" />
         <xs:minInclusive value="1" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" name="UnGefahrgutNr">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:length value="4" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
     </xs:sequence>
    </xs:complexType>
   </xs:element>
  </xs:sequence>
 </xs:complexType>
</xs:element>
```

Element name / Element structure	Description
ASumAGefahrgueter	Contains information on dangerous goods for DUX without MRN
LfdNr	Consecutive number of a dangerous goods declaration within an AsumA goods item
UNGefahrgutNr	Number for a substance according to the list of dangerous goods by the United Nations *Code liste: Gefahrgut UN-Nummern (UNNR)*

General Rule Description

If present, it is mandatory for the declaration type DUX without MRN in WKS to transmit information on dangerous goods.

Detailed Rule Description

Not relevant

4.6 Element structure – AsumAVerfahrensübergang

This element can be used to transmit information on the procedure transition.

Explanation of the procedure transition:
The transfer of procedure, formerly known as the termination part, is always relevant when non-Community goods are in temporary storage in a seaport, e.g. Wilhelmshaven, Bremen or Hamburg. This can be, for example, import cargo awaiting transshipment or non-Community goods that have been delivered to the port on land and are to be loaded onto a seagoing vessel. Previously, temporary storage was opened, managed and also terminated outside the ASumA process. With the introduction of ATLAS-WKS, the termination of temporary storage in the ASumA is mandatory. Therefore, the necessary elements for the process transition must be integrated into ALPO/BHT and taken into account accordingly in the interface.
The challenge for the declarant of the ASumA for the export shipment is to know the exact presentation of the custody stock and to declare the export shipment accordingly in order to avoid a mismatch of the number and packages.

Example:
- On the import side, a temporary storage/SumA with 10 cartons of sporting goods is declared.
- On the export side, 5 boxes of sports pants and 5 boxes of T-shirts are declared in the ASumA.

In this case, an ATLAS error would occur because the details in the ASumA do not match the declared goods in the temporary storage. It would be correct to also declare 10 boxes of sports articles in the export declaration.

```xml
<xs:element minOccurs="0" name="ASumAVerfahrensuebergang">
 <xs:complexType>
  <xs:sequence>
   <xs:element maxOccurs="99" name="ASumAWarenpositionsverweis">
    <xs:annotation>
     <xs:documentation>ZAPP specific when kind of declaration=DUX (DUX without MRN)</xs:documentation>
    </xs:annotation>
    <xs:complexType>
     <xs:sequence>
      <xs:element name="LfdNr">
       <xs:simpleType>
        <xs:restriction base="xs:int">
         <xs:maxInclusive value="999" />
         <xs:minInclusive value="1" />
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="1" name="Art">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:enumeration value="REG" />
         <xs:enumeration value="MRN" />
        </xs:restriction>
       </xs:simpleType>
```

```
        </xs:element>
        <xs:element minOccurs="0" name="MrnQuellverfahren">
         <xs:simpleType>
          <xs:restriction base="xs:string">
           <xs:length value="18" />
          </xs:restriction>
         </xs:simpleType>
        </xs:element>
        <xs:element minOccurs="0" name="RegistriernummerQuellverfahren">
         <xs:simpleType>
          <xs:restriction base="xs:string">
           <xs:length value="21" />
          </xs:restriction>
         </xs:simpleType>
        </xs:element>
        <xs:element minOccurs="0" name="PositionsnummerQuellverfahren">
         <xs:simpleType>
          <xs:restriction base="xs:string">
           <xs:length value="4" />
          </xs:restriction>
         </xs:simpleType>
        </xs:element>
        <xs:element minOccurs="0" name="PackstueckAnzahl">
         <xs:simpleType>
          <xs:restriction base="xs:string">
           <xs:length value="5" />
          </xs:restriction>
         </xs:simpleType>
        </xs:element>
       </xs:sequence>
      </xs:complexType>
     </xs:element>
    </xs:sequence>
   </xs:complexType>
 </xs:element>
```

Elementname / Elementstruktur	Description
ASumAVerfahrensübergang	Contains information on procedure transition for DUX without MRN
LfdNr	Consecutive number for the specification of procedural transitions
Art	Coding of the type of procedure transition Options: "REG" = Registration number (ATB) / position related identification "MRN" = MRN-/ position related identification
MrnQuellverfahren	Master Reference Number (MRN) of the SumA-process, which ist o be completed in whole or in part
RegistriernummerQuellverfahren	Registration number (ATB) of the SumA-process, which is to be completed in whole or in part
PositionsnummerQuellverfahren	Position number of the SumA-process, which is to be completed in whole or in part
PackstueckAnzahl	Packages of a position in a SumA process that are to be completed

General Rule Description

This element is mandatory for DUX without MRN in WKS.

Detailed Rule Description

Not relevant

4.7 Element structure – HafenauftragZollDatenAESType

```
<xs:complexType name="HafenauftragZollDatenAESType">
  <xs:sequence>
   <xs:element name="AESZaehler">
    <xs:annotation>
     <xs:documentation>AES counter</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
     <xs:restriction base="xs:integer">
      <xs:minInclusive value="1" />
      <xs:maxInclusive value="9999" />
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
   <xs:choice>
    <xs:sequence>
     <xs:element name="MRN">
      <xs:annotation>
       <xs:documentation>MRN (master reference number)</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
       <xs:restriction base="xs:string">
        <xs:length value="18" />
       </xs:restriction>
      </xs:simpleType>
     </xs:element>
     <xs:element name="MRNKomplett">
      <xs:annotation>
       <xs:documentation>MRN complet (AES)</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
       <xs:restriction base="xs:string">
        <xs:enumeration value="true" />
        <xs:enumeration value="True" />
        <xs:enumeration value="TRUE" />
```

```
                <xs:enumeration value="false" />
                <xs:enumeration value="False" />
                <xs:enumeration value="FALSE" />
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
[…]
<xs:element minOccurs="0" name="DUX">
      <xs:annotation>
        <xs:documentation>ZAPP specific field - DUX (ASumA DUX with MRN)</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:enumeration value="true" />
          <xs:enumeration value="True" />
          <xs:enumeration value="TRUE" />
          <xs:enumeration value="false" />
          <xs:enumeration value="False" />
          <xs:enumeration value="FALSE" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element minOccurs="0" name="WKSVerfahren">
     <xs:annotation>
       <xs:documentation>ZAPP specific when kind of declaration=DUX (DUX with MRN)</xs:documentation>
     </xs:annotation>
     <xs:simpleType>
       <xs:restriction base="xs:string">
         <xs:enumeration value="WAM" />
         <xs:enumeration value="ASUMA" />
       </xs:restriction>
     </xs:simpleType>
    </xs:element>
```

Element name / Element structure	Beschreibung
AESZaehler	Consecutive number when specifying customs positions.
MRN	Master Reference Number (MRN) of the ASumA process that is to be completed in full or in part.
MRNKomplett	Completeness indicator for the MRN. Will this MRN be exported in full with this port order?
DUX	Indicator for customs procedure "DUX with MRN" - declaration of an existing ASumA MRN. Enumeration: true, True, TRUE, false, False, FALSE

WKSVerfahren	Information on the WKS procedure type of the indicated re-export MRN Enumeration: WAM, ASUMA

General Rule Description

For a re-export MRN created outside the ZAPP application, which is to be declared in the port order using the "DUX with MRN" procedure, it is mandatory to specify whether the MRN is a re-export notification (WAM) or an exit summary declaration (ASumA).
Only either WAM or ASUMA may be declared in a port order; a combination of both WKS procedures will be rejected by ZAPP with an error.

Detailed Rule Description

Not relevant