

Full Visibility – DHL ACT WebServices



WebServices available for Customers – Shipment Info & Tracking events & POD Images



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1. Introduction

1.1. Introduction – Feature Overview

Welcome to DHL Freight's Active Tracing Web Service program. It provides an alternative API access to DHL Freight's online Track & Trace solution 'Active Tracing' (at <https://activetracing.dhl.com>).

1.2. About the Documentation

This document provides the information required to implement the Active Tracing WebServices, to allow your internal Application to have immediate access to:

- Shipment Details
- Latest Shipment Status & Location
- Full Tracking Event History (Shipment Level & Package Level)
- POD (Proof Of Delivery) documents

for all of your shipments, based on your DHL Account Number(s).

A prerequisite of using the Act WebServices is that you must first have a registered 'myACT' Active Tracing login – your myACT login will be configured with your DHL Account Number(s), whereby all Act WebService Responses will be limited to those shipments with matching DHL Account Number(s) configured against your myACT login.

Section 2 describes some basic information required for the implementation of the WebServices, and Section 3 provides full details of all Request & Response parameters for all Operations available, with full Parameter Tables & example Requests & Responses.

1.3. Feedback and Support

In case you need further help, please contact your local DHL Freight support contact.

1.4. What you need to know – technical skills

This document addresses web developers who aim to improve shipment service integrations of their enterprise tools. In order to access the web service, a SOAP protocol is used. i.e. developers should be familiar with XML and have a basic understanding of Web Services.

2. Quickstart Guide - 2 Steps to setup

2.1. Setup of an Active Tracing myACT login

Before you start invoking the Active Tracing WS calls, make sure your system is set up appropriately. DHL Freight will first support you to ensure that you first have an Active Tracing myACT login setup, with your DHL Account details configured – this myACT user Login & Password are required within all of your WS Requests.

All example WS Requests provided in Section 3 use the following example myACT login “act.ws.test@dhl.com” & password „WebServiceT3st”.

2.2. Setup your WS SOAP Requests

The Web Services definition and schema files are required for developing applications with the DHL Web Services API:

WSDL: <https://actws.dhl.com/shipmentTrackingWsV4/services/shipmentTrackingWsV4?wsdl>

3. Description of the Webservice

Section 3 of this document provides complete Input & Output parameter listings for all 5 Operations available. In general the xsd and the wsdl definitions are the master definitions of the web service input and output structure.

General principles:

- The XSD is not strict. You can create valid XML for an invalid request. This has been done to keep the XML simple.
- For all requests you have to specify the credentials of the user (myACT login)

3.1 The 5 Web Service operations

There are 5 WS Operations available, offering different options for searching for shipments, where some Operations provide different Shipment Info, as follows.

- 1) GetConsignmentsByIdentifier:** can be used if one Order-Code, Shipment-ID, Package-ID or ActiveTracing Internal-ID is known.

Shipment Info	Included in Response
Shipment Details (including Addresses)	Yes
Latest Status & Location	Yes
Full Event History	Yes
Reference List (all refs on Shipment)	Optional
Package List / Event History	Optional

- 2) GetConsignmentsByReference:** can be used if an exact Customer Reference String of a shipment is known.

Shipment Info	Included in Response
Shipment Details (including Addresses)	Yes
Latest Status & Location	Yes
Full Event History	Yes
Reference List (all refs on Shipment)	Optional
Package List / Event History	Optional

- 3) GetConsignmentsByAccountNumbers:** returns all shipments/events, based on your Customer DHL Account Number(s), and used with date/time-parameters.

Shipment Info	Included in Response
Shipment Details (including Addresses)	Yes
Latest Status & Location	Yes
Full Event History	Optional
Reference List (all refs on Shipment)	Optional
Package List / Event History	Optional

- 4) GetLatestEventByIdentifiers:** returns only the Latest Status & Location, for multiple Shipment IDs (not Customer References) at the same time, but no Shipment Details / Event History

Shipment Info	Included in Response
Shipment Details (including Addresses)	No
Latest Status & Location	Yes
Full Event History	No
Reference List (all refs on Shipment)	No
Package List / Event History	No

- 5) GetEpodsSync:** can be used to retrieve the ePods of shipments immediately (synchronous) and is suitable for up to 10 Shipment-IDs, per Request.

Shipment Info	Included in Response
Shipment Details (including Addresses)	Yes
Latest Status & Location	Yes
Full Event History	Yes
Reference List (all refs on Shipment)	Optional
Package List / Event History	No

3.1.1 Different uses of the 5 Operations

The 5 WS Operations described provide multiple options, to allow the implementation of multiple types of solution, from setting up for adhoc/manual requests for 1 or more shipments to immediately display in local application, to developing a scheduled process to continually load all new Shipment & Tracking data into a local solution.

This Section aims to summarise different uses of the Act WebServices, suggesting which Operations should be used for each:

A) Requesting Shipment Status/Tracking for 1 Shipment, by DHL Shipment ID

Operation GetConsignmentsByIdentifier should be used, if the DHL Shipment ID is available for requesting current Status, or full Shipment tracking-history.

Operation GetConsignmentsByIdentifier is not the optimum operation for a scheduled process to continually load all new Shipment & Tracking data into local solution – instead Operation GetConsignmentsByAccountNumbers is better suited for this purpose (see **E** described below).

B) Requesting Shipment Status/Tracking for 1 Shipment, by Customer Reference

Operation GetConsignmentsByReference should be used, if the DHL Shipment ID is not available for requesting current Status, or full Shipment tracking-history.

Operation GetConsignmentsReference is not the optimum operation for a scheduled process to continually load all new Shipment & Tracking data into local solution – instead Operation GetConsignmentsByAccountNumbers is better suited for this purpose (see **E** described below).

C) Requesting Current Status/Location for multiple Shipments, by Shipment IDs

Operation GetLatestEventByIdentifiers should be used, if the DHL Shipment IDs are available for requesting the current Status/Location for specific multiple Shipments in 1 Request, and no other Shipments details or full Tracking history are required.

D) Retrieving Proof Of Delivery (POD) by DHL Shipment ID

Operation GetEpodsSync can only be used with DHL Shipment ID to retrieve PODs.

If the DHL Shipment ID is not known, to retrieve POD by a Customer Reference it is required to first use Operation GetConsignmentsByReference (see **B** described above) to retrieve the DHL Shipment ID to send to Operation GetEpodsSync.

E) Scheduled process to retrieve & load all new Shipments & Events

Operation GetConsignmentsByAccountNumbers should be used, with the following 2 additional parameters:

- 1)** <updateDateRange> - to identify new/updated Shipments
- 2)** <eventHistory>.<updateDateRange> - to identify new Events

See Section 3.4 for more details, including example Request with both of the above parameters used.

With this solution, it is possible to trigger the requesting of PODs (Proof of Delivery), via Operation GetEpodSync (see **D** described above), following the receipt of a 'Delivered' event for a shipment, received from Operation GetConsignmentsByAccountNumbers.

3.2 WS Operation: “GetConsignmentsByIdentifier”

3.2.1 Description

This operation executes the shipment tracking search by using a given identifier like DHL Order-Code, Shipment-ID, or Package-ID.

Usually it should normally only return one shipment, but may possibly return multiple shipments in rare cases.

3.2.2 Request - Input Parameters

Argument	Type	Occurrence	Example	Meaning
Security	Container	Required		
security. <wsse:Username>	String	Required	act.ws.test@dhl.com	This should be the Active Tracing myACT login ID setup for you - for Security reasons, this limits the Shipments that can be returned via Webservice, so that only shipments which match the Customer Account Number(s) configured against your myACT login will be available via Webservice.
security. <wsse:Password>	String	Required	WebServiceT3st	This should be the password for your myACT login ID.
<consignmentIdentification>	Container	Required		
consignmentIdentification. <identification>	String	Required	DEM2021020702	The Shipment-ID to be used to identify your shipment.
consignmentIdentification. <identificationType>	String	Required	generic	identificationType defines the type of Shipment Identifier being sent in Request - it can be one of 5 values: 1) orderCode: This ID is the DHL Order-Code of a DHL Freight shipment. 2) domesticShipmentId: This ID is a Shipment-ID for Domestic shipments. 3) packageId: One shipment consists of 0-many Package-IDs. 4) actDBId: This ID is the unique ID for a freight shipment in our ActiveTracing database. 5) generic: By setting type as "generic", any of the above 4 Shipment ID Types can be used in the Request.
<responseLocale>	String	Optional	EN	This allows the return of Tracking Event Descriptions in up to 7 languages available in Active Tracing - EN/DE/ES/FR/SE/PL/IT. If no <responseLocale> parameter is provided, it defaults to return in EN (English).
<referenceDataList>	Int	Optional	<referenceDataList/>	This optional parameter requires no value – inclusion of parameter within Request results in Responses including <referenceDataList>, including <reference> values and <referenceType> of each (and <referenceSubType>, if applicable).
<packageList>	Int	Optional	<packageList/>	This optional parameter requires no value – inclusion of parameter within Request results in Responses including list of all <packageId> on shipment.
packageList. <packageEventHistory>	Int	Optional	<packageEventHistory />	This optional parameter requires no value – inclusion of parameter within Request results in Responses including <packageHistory> for each <packageId>.
packageList. packageEventHistory. <packageId>	String	Optional		This optional paramter can be used if the Package Event History is required for only specific Packages (not for all Package Ids on Shipment).

3.2.3 Response – Output parameters

Argument	Type	Occurrence	Example	Meaning
<consignmentIdentification>	Container	Always		
consignmentIdentification. <identification>	String	Always	DEM2021020702	This will return the value sent within the Request.
consignmentIdentification. <identificationType>	String	Always	generic	This will return the value sent within the Request.
<consignment>	Container; repeatable [0..*]	Always		
consignment. <actDbId>	String	Always	426487936	Not relevant for Customer usage.
consignment. <orderCode>	String	Optional		This is the DHL Freight Shipment-ID for International Shipments, and some Domestic shipments - all International Shipments should have a value here.
consignment. <domesticShipmentData>	Container	Optional		
consignment. domesticShipmentData. <id>	String	Optional	DEM2021020702	If no Shipment-ID is returned within the <orderCode>, then a Domestic Shipment-ID will be returned here instead.
consignment. domesticShipmentData. <originSystemCode>	String	Always	DEM	[Not relevant for Customer usage]
consignment. domesticShipmentData. <originCountryCode>	String	Always	DE	[Not relevant for Customer usage]
consignment. <consignorName>	String	Always	DHL FREIGHT DEMO SHIPPER	Shipper - Name
consignment. <consignorAddress>	Container	Always		
consignment. consignorAddress. <city>	String	Always	BONN	Shipper Address - City
consignment. consignorAddress. <street>	String	Always	GODESBERGER ALLEE 102-104	Shipper Address - Street
consignment. consignorAddress. <ZIP>	String	Always	53175	Shipper Address - ZIP
consignment. consignorAddress. <country>	String	Always	DE	Shipper Address - Country
consignment. <consigneeName>	String	Always	TAPIS RENT SPRL	Consignee - Name
consignment. <consigneeAddress>	Container	Always		
consignment. consigneeAddress. <city>	String	Always	EUPEN	Consignee Address - City
consignment. consigneeAddress. <street>	String	Always	RUE DU COMMERCE 14	Consignee Address - Street
consignment. consigneeAddress. <ZIP>	String	Always	4700	Consignee Address - ZIP
consignment. consigneeAddress. <country>	String	Always	BE	Consignee Address - Country
consignment. <weight>	String	Always	0	Weight
consignment. <volume>	String	Always	0.000	Volume

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consignment. <loadingMeter>	String	Always	0.00	Loading Meters
consignment. <numberOfColli>	String	Always	0	Number of Packages
consignment. <numberOfPallets>	String	Always	1	Number of Pallets
consignment. <latestEvent>	Container	Always		
consignment. latestEvent. <eventKey>	Container	Always		
consignment. latestEvent.eventKey. <eventCode>	String	Always	21	[Not relevant for Customer usage]
consignment. latestEvent.eventKey. <reasonCode>	String	Always	0	[Not relevant for Customer usage]
consignment. latestEvent. <eventDescription>	String	Always	Delivered	Event Description
consignment. latestEvent. <eventDate>	String	Always	2020-05-05+01:00	Event Date (YYYY-MM-DD)
consignment. latestEvent. <eventTime>	String	Always	11:11:00.000+01:00	Event Time (HH:MM)
consignment. latestEvent. <terminalCode>	String	Always	AAH	Event Terminal - Code (always 3-characters)
consignment. latestEvent. <terminalName>	String	Always	AACHEN	Event Terminal - Name
consignment. latestEvent. <terminalCountry>	String	Always	DE	Event Terminal - Country Code
consignment. <productCode>	String	Always	ER	DHL Freight Product Code
consignment. <productName>	String	Optional	DHL Freight Eurapid International	DHL Freight Product Name
consignment. <customerReference>	String	Always	20139583997	Customer Reference
consignment. <pickupDate>	String	Optional	2020-05-03+01:00	Date Shipment Collected (YYYY-MM-DD). Only included for shipments that have been Collected.
consignment. <committedDeliveryDate>	String	Optional	2020-05-05+01:00	Committed Delivery Date (YYYY-MM-DD). Only included for shipments where a Committed Delivery Date has been defined.
consignment. <fixedDeliveryDate>	String	Optional	2020-05-05+01:00	Fixed Delivery Date (YYYY-MM-DD). Only included for shipments where a Fixed Delivery Date has been defined.
consignment. <deliveredDate>	String	Optional	2020-05-05+01:00	Date Shipment Delivered (YYYY-MM-DD). Only included for Delivered shipments with IOD.
consignment. <receivedBy>	String	Optional	JOHN SMITH	The IOD Receiver Name , who signed for the Delivered shipment. Only included for Delivered shipments with IOD.
consignment. <receivedDate>	String	Optional	2020-05-05+01:00	The IOD Date shipment was Delivered. Only included for Delivered shipments with IOD. This date is the same as <deliveredDate>.
consignment. <receivedTime>	String	Optional	11:11:00.000+01:00	The IOD Time shipment was Delivered. Only included for Delivered shipments with IOD.
consignment. <laterDeliveryDate>	String	Optional	2020-05-05+01:00	Appointment Date. If DHL has Booked In the Shipment with the Consignee to be delivered on a preferred date.
consignment. <features>	Container	Always		If there exists no Features on shipment, this Container will be empty.
consignment.features <feature>	Container; repeatable [0..*]	Optional		
consignment.features. feature. <featureCode>	String	Optional	E12	DHL Freight Feature Code

consignment.features. feature. <featureName>	String	Optional	Express delivery Pre 12	DHL Freight Feature Name
consignment. <referenceDataList>	Container	Optional		
consignment. referenceDataList. <referenceData>	Container repeatable [0..*]	Optional		
consignment. referenceDataList. referenceData. <reference>	String	Optional	DEM2021020702	The value of the Consignor or Consignee Reference.
consignment. referenceDataList. referenceData. <referenceType>	String	Optional	CONSIGNEE / CONSIGNOR	The reference type can either be „CONSIGNEE“ or „CONSIGNOR“, to indicate whether the value of the <reference> is a Consignor or Consignee reference.
consignment. referenceDataList. referenceData. <referenceSubType>	String	Optional	PACKID	This Reference SubType option is valid only for specific Customers, with additional CONSIGNOR Reference Sub Types implemented.
consignment. <eventHistory>	Container	Always		
consignment. eventHistory <eventData>	Container; repeatable [0..*]	Always		
consignment. eventHistory.eventData <eventKey>	Container	Always		
consignment.eventHistory. eventData.eventKey. <eventCode>	String	Always	13	[Not relevant for Customer usage]
consignment.eventHistory. eventData.eventKey. <reasonCode>	String	Always	0	[Not relevant for Customer usage]
consignment.eventHistory. eventData. <eventDescription>	String	Always	Collected	Event Description
consignment.eventHistory. eventData. <eventDate>	String	Always	2020-05-03+01:00	Event Date (YYYY-MM-DD)
consignment.eventHistory. eventData. <eventTime>	String	Always	10:16:00.000+01:00	Event Time (HH:MM)
consignment.eventHistory. eventData. <terminalCode>	String	Always	CGN	Event Terminal - Code (always 3 characters)
consignment.eventHistory. eventData. <terminalName>	String	Always	COLOGNE / KÖLN	Event Terminal - Name
consignment.eventHistory. eventData. <terminalCountry>	String	Always	DE	Event Terminal - Country Code
consignment. <packageList>	Container	Optional		
consignment.packageList. <packageData>	Container	Optional		
consignment.packageList. packageData. <packageId>	String	Optional	DEM2021020750009 55162	
consignment.packageList. packageData.packageId. <packageHistory>	Container	Optional		
consignment.packageList. packageData.packageId. packageHistory. <eventData>	Container; repeatable [0..*]	Optional		

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consignment.packageList. packageData.packageld. packageHistory.eventData. <eventKey>	Container	Optional		
consignment.packageList. packageData.packageld. packageHistory.eventData. eventKey. <eventCode>	String	Optional	13	[Not relevant for Customer usage]
consignment.packageList. packageData.packageld. packageHistory.eventData. eventKey. <reasonCode>	String	Always	0	[Not relevant for Customer usage]
consignment.packageList. packageData.packageld. packageHistory.eventData. <eventDescription>	String	Always	Collected	Event Description
consignment.packageList. packageData.packageld. packageHistory.eventData. <eventDate>	String	Always	2020-05-03+01:00	Event Date (YYYY-MM-DD)
consignment.packageList. packageData.packageld. packageHistory.eventData. <eventTime>	String	Always	10:16:00.000+01:00	Event Time (HH:MM)
consignment.packageList. packageData.packageld. packageHistory.eventData. <terminalCode>	String	Always	CGN	Event Terminal - Code (always 3 characters)
consignment.packageList. packageData.packageld. packageHistory.eventData. <terminalName>	String	Always	COLOGNE / KÖLN	Event Terminal - Name
consignment.packageList. packageData.packageld. packageHistory.eventData. <terminalCountry>	String	Always	DE	Event Terminal - Country Code

3.2.4 Example Request & Response

*** GetConsignmentsByIdentifier Request ***

```
<soapenv:Envelope xmlns:ship="http://www.dhl.com/freight/activetracing/shipmenttrackingService/"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header>
    <wsse:Security
      xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-
1.0.xsd"
      xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd"
      soapenv:mustUnderstand="1">
      <wsse:UsernameToken wsu:Id="UsernameToken-1">
        <wsse:Username>act.ws.test@dhl.com</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
username-token-profile-1.0#PasswordText">WebServiceT3st</wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <ship:GetConsignmentsByIdentifierRequest>
      <consignmentIdentification>
        <identification>DEM2021020702</identification>
        <identificationType>generic</identificationType>
      </consignmentIdentification>
    </ship:GetConsignmentsByIdentifierRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

*** GetConsignmentsByIdentifier Response ***

NOTE: This example has no value for <orderCode> (always populated for International shipments).

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:GetConsignmentsByIdentifierResponse
      xmlns:ns2="http://www.dhl.com/freight/activetracing/shipmenttrackingService/">
      <consignmentIdentification>
        <identification>DEM2021020702</identification>
        <identificationType>generic</identificationType>
      </consignmentIdentification>
      <consignment>
        <actDbId>426487936</actDbId>
        <orderCode/>
        <domesticShipmentData>
          <id>DEM2021020702</id>
          <originSystemCode>DEM</originSystemCode>
          <originCountryCode>DE</originCountryCode>
        </domesticShipmentData>
        <consignorName>DHL FREIGHT DEMO SHIPPER</consignorName>
        <consignorAddress>
          <city>BONN</city>
          <street>GODESBERGER ALLEE 102-104</street>
          <zip>53175</zip>
          <country>DE</country>
        </consignorAddress>
        <consigneeName>TAPIS RENT SPRL</consigneeName>
        <consigneeAddress>
          <city>EUPEN</city>
          <street>RUE DU COMMERCE 14</street>
          <zip>4700</zip>
          <country>BE</country>
        </consigneeAddress>
        <weight>126</weight>
        <volume>0.120</volume>
        <loadingMeter>0.00</loadingMeter>
        <numberOfColli>8</numberOfColli>
        <numberOfPallets>0</numberOfPallets>
        <latestEvent>
          <eventKey>
```

```
        <eventCode>21</eventCode>
        <reasonCode>0</reasonCode>
    </eventKey>
    <eventDescription>Delivered</eventDescription>
    <eventDate>2021-02-08+01:00</eventDate>
    <eventTime>11:11:00.000+01:00</eventTime>
    <terminalCode>AAH</terminalCode>
    <terminalName>AACHEN</terminalName>
    <terminalCountry>DE</terminalCountry>
</latestEvent>
<productCode>EC</productCode>
<productName>DHL Freight EuroConnect International</productName>
<customerReference>20139583997</customerReference>
<pickupDate>2021-02-07+01:00</pickupDate>
<deliveredDate>2021-02-08+01:00</deliveredDate>
<receivedDate>2021-02-08+01:00</receivedDate>
<receivedTime>11:11:00.000+01:00</receivedTime>
<features/>
<eventHistory>
    <eventData>
        <eventKey>
            <eventCode>13</eventCode>
            <reasonCode>0</reasonCode>
        </eventKey>
        <eventDescription>Collected</eventDescription>
        <eventDate>2021-02-07+01:00</eventDate>
        <eventTime xsi:nil="true" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"/>
        <terminalCode>CGN</terminalCode>
        <terminalName>COLOGNE / KÖLN</terminalName>
        <terminalCountry>DE</terminalCountry>
    </eventData>
    <eventData>
        <eventKey>
            <eventCode>1</eventCode>
            <reasonCode>0</reasonCode>
        </eventKey>
        <eventDescription>Received at terminal</eventDescription>
        <eventDate>2021-02-07+01:00</eventDate>
        <eventTime>10:17:00.000+01:00</eventTime>
        <terminalCode>CGN</terminalCode>
        <terminalName>COLOGNE / KÖLN</terminalName>
        <terminalCountry>DE</terminalCountry>
    </eventData>
    <eventData>
        <eventKey>
            <eventCode>24</eventCode>
            <reasonCode>0</reasonCode>
        </eventKey>
        <eventDescription>Shipped from terminal</eventDescription>
        <eventDate>2021-02-07+01:00</eventDate>
        <eventTime>18:33:00.000+01:00</eventTime>
        <terminalCode>CGN</terminalCode>
        <terminalName>COLOGNE / KÖLN</terminalName>
        <terminalCountry>DE</terminalCountry>
    </eventData>
    <eventData>
        <eventKey>
            <eventCode>1</eventCode>
            <reasonCode>0</reasonCode>
        </eventKey>
        <eventDescription>Received at terminal</eventDescription>
        <eventDate>2021-02-08+01:00</eventDate>
        <eventTime>03:03:00.000+01:00</eventTime>
        <terminalCode>AAH</terminalCode>
        <terminalName>AACHEN</terminalName>
        <terminalCountry>DE</terminalCountry>
    </eventData>
    <eventData>
        <eventKey>
            <eventCode>24</eventCode>
            <reasonCode>501</reasonCode>
        </eventKey>
        <eventDescription>Out for Delivery</eventDescription>
        <eventDate>2021-02-08+01:00</eventDate>
```

```
<eventTime>07:43:00.000+01:00</eventTime>
<terminalCode>AAH</terminalCode>
<terminalName>AACHEN</terminalName>
<terminalCountry>DE</terminalCountry>
</eventData>
<eventData>
  <eventKey>
    <eventCode>21</eventCode>
    <reasonCode>0</reasonCode>
  </eventKey>
  <eventDescription>Delivered</eventDescription>
  <eventDate>2021-02-08+01:00</eventDate>
  <eventTime>11:11:00.000+01:00</eventTime>
  <terminalCode>AAH</terminalCode>
  <terminalName>AACHEN</terminalName>
  <terminalCountry>DE</terminalCountry>
</eventData>
</eventHistory>
</consignment>
</ns2:GetConsignmentsByIdentifierResponse>
</soap:Body>
</soap:Envelope>
```

3.3 WS Operation: “GetConsignmentsByReference”

3.3.1 Description

This operation executes the shipment tracking search by using a given customer reference.

It may return multiple results. All shipments of the result are filtered by the account numbers of the requesting user for MyAct user.

3.3.2 Request - Input Parameters

Argument	Type	Occurrence	Example	Meaning
Security	Container	Required		
security. <wsse:Username>	String	Required	act.ws.test@dhl.com	This should be the Active Tracing myACT login ID setup for you - for Security reasons, this limits the Shipments that can be returned via Webservice, so that only shipments which match the Customer Account Number(s) configured against your myACT login will be available via Webservice.
security. <wsse:Password>	String	Required	WebserviceT3st	This should be the password for your myACT login ID.
referenceData	Container	Required		
referenceData. <reference>	String	Required	DEMO_987654321	The exact customer reference string. (exact match)
referenceData. <referenceType>	String	Required	ALL	The referenceType defines the type of Shipment Reference being sent in Request - it can be one of 3 values: 1) CONSIGNOR: The reference is a Consignor ref. 2) CONSIGNEE: The reference is a Consignee ref. 3) ALL: The reference can be Consignor ref or Consignee ref. It is recommended to use ALL.
referenceData. <referenceSubType>	String	Optional	PACKID	This Reference SubType option is valid only for specific Customers, with additional CONSIGNOR Reference Sub Types implemented.
<responseLocale>	String	Optional	EN	This allows the return of Tracking Event Descriptions in up to 7 languages available in Active Tracing - EN/DE/ES/FR/SE/PL/IT. If no <responseLocale> parameter is provided, it defaults to return in EN (English).
<referenceDataList>	Int	Optional	<referenceDataList/>	This optional parameter requires no value – inclusion of parameter within Request results in Responses including <referenceDataList>, including <reference> values and <referenceType> of each (and <referenceSubType>, if applicable).
<packageList>	Int	Optional	<packageList/>	This optional parameter requires no value – inclusion of parameter within Request results in Responses
packageList. <packageEventHistory>	Int	Optional	<packageEventHistory/>	This optional parameter requires no value – inclusion of parameter within Request results in Responses including <packageHistory> for each <packageId>.
packageList. packageEventHistory. <packageId>	String	Optional		This optional paramter can be used if the Package Event History is required for only specific Packages (not for all Package Ids on Shipment).
<resultSize>	Integer	Optional	10	Amount of shipments to be returned from the offset If not given up to 1000 Shipments are returned.

3.3.3 Response – Output parameters

Argument	Type	Occurrence	Example	Meaning
referenceData	Container	Always		
referenceData. <reference>	String	Always	DEMO_987654321	This will return the value sent within the Request.
referenceData. <referenceType>	String	Always	generic	This will return the value sent within the Request.
consignment	Container; repeatable [0..*]	Always		
consignment. <actDbid>	String	Always	426487936	Not relevant for Customer usage.
consignment. <orderCode>	String	Optional		This is the DHL Freight Shipment-ID for International Shipments, and some Domestic shipments - all International Shipments should have a value here.
consignment. <domesticShipmentData>	Container	Optional		
consignment. domesticShipmentData. <id>	String	Optional	DEM2021020702	If no Shipment-ID is returned within the <orderCode>, then a Domestic Shipment-ID will be returned here instead.
consignment. domesticShipmentData. <originSystemCode>	String	Always	DEM	[Not relevant for Customer usage]
consignment. domesticShipmentData. <originCountryCode>	String	Always	DE	[Not relevant for Customer usage]
consignment. <consignorName>	String	Always	DHL FREIGHT DEMO SHIPPER	Shipper - Name
consignment. <consignorAddress>	Container	Always		
consignment. consignorAddress. <city>	String	Always	BONN	Shipper Address - City
consignment. consignorAddress. <street>	String	Always	GODESBERGER ALLEE 102-104	Shipper Address - Street
consignment. consignorAddress. <ZIP>	String	Always	53175	Shipper Address - ZIP
consignment. consignorAddress. <country>	String	Always	DE	Shipper Address - Country
consignment. <consigneeName>	String	Always	TAPIS RENT SPRL	Consignee - Name
consignment. <consigneeAddress>	Container	Always		
consignment. consigneeAddress. <city>	String	Always	EUPEN	Consignee Address - City
consignment. consigneeAddress. <street>	String	Always	RUE DU COMMERCE 14	Consignee Address - Street
consignment. consigneeAddress. <ZIP>	String	Always	4700	Consignee Address - ZIP
consignment. consigneeAddress. <country>	String	Always	BE	Consignee Address - Country
consignment. <weight>	String	Always	0	Weight
consignment. <volume>	String	Always	0.000	Volume
consignment. <loadingMeter>	String	Always	0.00	Loading Meters
consignment. <numberOfColli>	String	Always	0	Number of Packages

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consignment. <numberOfPallets>	String	Always	1	Number of Pallets
consignment. <latestEvent>	Container	Always		
consignment.latestEvent. <eventKey>	Container	Always		
consignment.latestEvent.eve ntKey. <eventCode>	String	Always	21	[Not relevant for Customer usage]
consignment.latestEvent.eve ntKey. <reasonCode>	String	Always	0	[Not relevant for Customer usage]
consignment.latestEvent. <eventDescription>	String	Always	Delivered	Event Description
consignment.latestEvent. <eventDate>	String	Always	2020-05-05+01:00	Event Date (YYYY-MM-DD)
consignment.latestEvent. <eventTime>	String	Always	11:11:00.000+01:00	Event Time (HH:MM)
consignment.latestEvent. <terminalCode>	String	Always	AAH	Event Terminal - Code (always 3-characters)
consignment.latestEvent. <terminalName>	String	Always	AACHEN	Event Terminal - Name
consignment.latestEvent. <terminalCountry>	String	Always	DE	Event Terminal - Country Code
consignment. <productCode>	String	Always	ER	DHL Freight Product Code
consignment. <productName>	String	Optional	DHL Freight Eurapid International	DHL Freight Product Name
consignment. <customerReference>	String	Always	20139583997	Customer Reference
consignment. <pickupDate>	String	Optional	2020-05-03+01:00	Date Shipment Collected (YYYY-MM-DD). Only included for shipments that have been Collected.
consignment. <committedDeliveryDate>	String	Optional	2020-05-05+01:00	Committed Delivery Date (YYYY-MM-DD). Only included for shipments where a Committed Delivery Date has been defined.
consignment. <fixedDeliveryDate>	String	Optional	2020-05-05+01:00	Fixed Delivery Date (YYYY-MM-DD). Only included for shipments where a Fixed Delivery Date has been defined.
consignment. <deliveredDate>	String	Optional	2020-05-05+01:00	Date Shipment Delivered (YYYY-MM-DD). Only included for Delivered shipments with IOD.
consignment. <receivedBy>	String	Optional	JOHN SMITH	The IOD Receiver Name , who signed for the Delivered shipment. This will only be included for Delivered shipments with IOD.
consignment. <receivedDate>	String	Optional	2020-05-05+01:00	The IOD Date shipment was Delivered. Only included for Delivered shipments with IOD. This date is the same as <deliveredDate>.
consignment. <receivedTime>	String	Optional	11:11:00.000+01:00	The IOD Time shipment was Delivered. Only included for Delivered shipments with IOD.
consignment. <laterDeliveryDate>	String	Optional	2020-05-05+01:00	Appointment Date. If DHL has Booked In the Shipment with the Consignee to be delivered on a preferred date.
consignment. <features>	Container	Always		If there exists no Features on shipment, this Container will be empty.
consignment.features <feature>	Container; repeatable [0..*]	Optional		
consignment.features. feature. <featureCode>	String	Optional	E12	DHL Freight Feature Code
consignment.features. feature. <featureName>	String	Optional	Express delivery Pre 12	DHL Freight Feature Name
consignment. <referenceDataList>	Container	Optional		
consignment. referenceDataList. <referenceData>	Container repeatable [0..*]	Optional		

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consignment. referenceDataList. referenceData. <reference>	String	Optional	DEM2021020702	The value of the Consignor or Consignee Reference.
consignment. referenceDataList. referenceData. <referenceType>	String	Optional	CONSIGNEE / CONSIGNOR	The reference type can either be „CONSIGNEE“ or „CONSIGNOR“, to indicate whether the value of the <reference> is a Consignor or Consignee reference.
consignment. referenceDataList. referenceData. <referenceSubType>	String	Optional	PACKID	This Reference SubType option is valid only for specific Customers, with additional CONSIGNOR Reference Sub Types implemented.
consignment. eventHistory	Container	Always		
consignment.eventHistory eventData	Container; repeatable [0..*]	Always		
consignment.eventHistory. eventData.eventKey. <eventCode>	String	Always	13	[Not relevant for Customer usage]
consignment.eventHistory. eventData.eventKey. <reasonCode>	String	Always	0	[Not relevant for Customer usage]
consignment.eventHistory. eventData.eventKey. <eventDescription>	String	Always	Collected	Event Description
consignment.eventHistory. eventData.eventKey. <eventDate>	String	Always	2020-05-03+01:00	Event Date (YYYY-MM-DD)
consignment.eventHistory. eventData.eventKey. <eventTime>	String	Always	10:16:00.000+01:00	Event Time (HH:MM)
consignment.eventHistory. eventData.eventKey. <terminalCode>	String	Always	CGN	Event Terminal - Code (always 3 characters)
consignment.eventHistory. eventData.eventKey. <terminalName>	String	Always	COLOGNE / KÖLN	Event Terminal - Name
consignment.eventHistory. eventData.eventKey. <terminalCountry>	String	Always	DE	Event Terminal - Country Code
consignment. <packageList>	Container	Optional		
consignment.packageList. <packageData>	Container	Optional		
consignment.packageList. packageData. <packageId>	String	Optional	DEM202102075000 955162	
consignment.packageList. packageData.packageId. <packageHistory>	Container	Optional		
consignment.packageList. packageData.packageId. packageHistory. <eventData>	Container; repeatable [0..*]	Optional		
consignment.packageList. packageData.packageId. packageHistory.eventData. <eventKey>	Container	Optional		
consignment.packageList. packageData.packageId. packageHistory.eventData. eventKey. <eventCode>	String	Optional	13	[Not relevant for Customer usage]

consignment.packageList. packageData.packageId. packageHistory.eventData. eventKey. <reasonCode>	String	Always	0	[Not relevant for Customer usage]
consignment.packageList. packageData.packageId. packageHistory.eventData. <eventDescription>	String	Always	Collected	Event Description
consignment.packageList. packageData.packageId. packageHistory.eventData. <eventDate>	String	Always	2020-05-03+01:00	Event Date (YYYY-MM-DD)
consignment.packageList. packageData.packageId. packageHistory.eventData. <eventTime>	String	Always	10:16:00.000+01:00	Event Time (HH:MM)
consignment.packageList. packageData.packageId. packageHistory.eventData. <terminalCode>	String	Always	CGN	Event Terminal - Code (always 3 characters)
consignment.packageList. packageData.packageId. packageHistory.eventData. <terminalName>	String	Always	COLOGNE / KÖLN	Event Terminal - Name
consignment.packageList. packageData.packageId. packageHistory.eventData. <terminalCountry>	String	Always	DE	Event Terminal - Country Code

3.3.4 Example Request & Response

*** GetConsignmentsByReference Request ***

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ship="http://www.dhl.com/freight/activetracing/shipmenttrackingService/"
  <soapenv:Header>
    <wsse:Security
      xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
      xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
      soapenv:mustUnderstand="1">
      <wsse:UsernameToken wsu:Id="UsernameToken-1">
        <wsse:Username>act.ws.test@dhl.com</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">WebServiceT3st</wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <ship:GetConsignmentsByReferenceRequest>
      <referenceData>
        <reference>DEMO_987654321</reference>
        <referenceType>ALL</referenceType>
      </referenceData>
    </ship:GetConsignmentsByReferenceRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

*** GetConsignmentsByReference Response ***

NOTE: This example has no value for <orderCode> (always populated for International shipments).

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:GetConsignmentsByReferenceResponse
xmlns:ns2="http://www.dhl.com/freight/activetracing/shipmenttrackingService/">
      <referenceData>
        <reference>DEMO_987654321</reference>
        <referenceType>ALL</referenceType>
      </referenceData>
      <consignment>
        <actDbId>426487936</actDbId>
        <orderCode/>
        <domesticShipmentData>
          <id>DEM2021020702</id>
          <originSystemCode>DEM</originSystemCode>
          <originCountryCode>DE</originCountryCode>
        </domesticShipmentData>
        <consignorName>DHL FREIGHT DEMO SHIPPER</consignorName>
        <consignorAddress>
          <city>BONN</city>
          <street>GODESBERGER ALLEE 102-104</street>
          <zip>53175</zip>
          <country>DE</country>
        </consignorAddress>
        <consigneeName>TAPIS RENT SPRL</consigneeName>
        <consigneeAddress>
          <city>EUPEN</city>
          <street>RUE DU COMMERCE 14</street>
          <zip>4700</zip>
          <country>BE</country>
        </consigneeAddress>
        <weight>126</weight>
        <volume>0.120</volume>
        <loadingMeter>0.00</loadingMeter>
        <numberOfColli>8</numberOfColli>
        <numberOfPallets>0</numberOfPallets>
        <latestEvent>
          <eventKey>
            <eventCode>21</eventCode>
            <reasonCode>0</reasonCode>
          </eventKey>
          <eventDescription>Delivered</eventDescription>
          <eventDate>2021-02-08+01:00</eventDate>
          <eventTime>11:11:00.000+01:00</eventTime>
          <terminalCode>AAH</terminalCode>
          <terminalName>AACHEN</terminalName>
          <terminalCountry>DE</terminalCountry>
        </latestEvent>
        <productCode>EC</productCode>
        <productName>DHL Freight EuroConnect International</productName>
        <pickupDate>2021-02-07+01:00</pickupDate>
        <deliveredDate>2021-02-08+01:00</deliveredDate>
        <receivedDate>2021-02-08+01:00</receivedDate>
        <receivedTime>11:11:00.000+01:00</receivedTime>
        <features/>
        <eventHistory>
          <eventData>
            <eventKey>
              <eventCode>13</eventCode>
              <reasonCode>0</reasonCode>
            </eventKey>
            <eventDescription>Collected</eventDescription>
            <eventDate>2021-02-07+01:00</eventDate>
            <eventTime xsi:nil="true" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
            <terminalCode>CGN</terminalCode>
            <terminalName>COLOGNE / KÖLN</terminalName>
            <terminalCountry>DE</terminalCountry>
          </eventData>
          <eventData>
            <eventKey>
```

```
        <eventCode>1</eventCode>
        <reasonCode>0</reasonCode>
    </eventKey>
    <eventDescription>Received at terminal</eventDescription>
    <eventDate>2021-02-07+01:00</eventDate>
    <eventTime>10:17:00.000+01:00</eventTime>
    <terminalCode>CGN</terminalCode>
    <terminalName>COLOGNE / KÖLN</terminalName>
    <terminalCountry>DE</terminalCountry>
</eventData>
<eventData>
    <eventKey>
        <eventCode>24</eventCode>
        <reasonCode>0</reasonCode>
    </eventKey>
    <eventDescription>Shipped from terminal</eventDescription>
    <eventDate>2021-02-07+01:00</eventDate>
    <eventTime>18:33:00.000+01:00</eventTime>
    <terminalCode>CGN</terminalCode>
    <terminalName>COLOGNE / KÖLN</terminalName>
    <terminalCountry>DE</terminalCountry>
</eventData>
<eventData>
    <eventKey>
        <eventCode>1</eventCode>
        <reasonCode>0</reasonCode>
    </eventKey>
    <eventDescription>Received at terminal</eventDescription>
    <eventDate>2021-02-08+01:00</eventDate>
    <eventTime>03:03:00.000+01:00</eventTime>
    <terminalCode>AAH</terminalCode>
    <terminalName>AACHEN</terminalName>
    <terminalCountry>DE</terminalCountry>
</eventData>
<eventData>
    <eventKey>
        <eventCode>24</eventCode>
        <reasonCode>501</reasonCode>
    </eventKey>
    <eventDescription>Out for Delivery</eventDescription>
    <eventDate>2021-02-08+01:00</eventDate>
    <eventTime>07:43:00.000+01:00</eventTime>
    <terminalCode>AAH</terminalCode>
    <terminalName>AACHEN</terminalName>
    <terminalCountry>DE</terminalCountry>
</eventData>
<eventData>
    <eventKey>
        <eventCode>21</eventCode>
        <reasonCode>0</reasonCode>
    </eventKey>
    <eventDescription>Delivered</eventDescription>
    <eventDate>2021-02-08+01:00</eventDate>
    <eventTime>11:11:00.000+01:00</eventTime>
    <terminalCode>AAH</terminalCode>
    <terminalName>AACHEN</terminalName>
    <terminalCountry>DE</terminalCountry>
</eventData>
</eventHistory>
</consignment>
</ns2:GetConsignmentsByReferenceResponse>
</soap:Body>
</soap:Envelope>
```

3.4 WS Operation: “GetConsignmentsByAccountNumbers”

3.4.1 Description

This operation returns the details of your shipments & the tracking events on the shipments, based on the DHL Account Number(s) setup within the profile settings of your Active Tracing myACT login.

The operation offers a number of optional Date/Time parameters to limit the shipments/events returned only to more recent shipments/events, and also further filtering parameters to limit the results based on origin/destination country, and some Delivery address values.

- Account Numbers are optional:

If there is only one DHL Freight Account Number for your Active Tracing myACT profile, or you have multiple Account Numbers but require the Shipment/Event data for all Accounts together, it is not required include Account Numbers in the Requests to operation GetConsignmentsByAccountNumbers.

If there are multiple DHL Account Numbers setup within your Active Tracing myACT profile, then it is possible to send within the Webservice Requests the details of specific DHL Account Number(s), in order to limit the shipments returned to only those shipments on these Account Number(s).

- If requesting shipments for specific Account Numbers, the WS Request requires 4 mandatory values (within the Container of <accountNumberData>) to allow the correct identification of your shipments: <systemCode>, <countryCode>, <accountNumber>, and <accountType>.

- Usage for Scheduled Processes (to store locally all new Shipments/Events):

Operation GetConsignmentsByAccountNumbers can be used for scheduled processes, to retrieve all new Shipments & Events since the scheduled process previously ran.

By using the following 2 additional optional Date/Time-Range parameters, with the same Date/Time-Range sent for both parameters, a scheduled process can be implemented to only receive new Shipments & new Events since the scheduled processed previously ran, so that the local solution receives only the new Shipments/Events available since the previous scheduled process, and does not receive the same Events data already received:

1) <updateDateRange>

This is used first for identification of Shipments, which have received new Event Status update, since last scheduled process.

2) <eventHistory>.<updateDateRange>

This is used to identify only the new tracking Events available, since last scheduled process, so that Events sent from previous scheduled processes are not received again.

If Package Level event history is also required, this <updateDateRange> is also configurable for the Package Event History:

3) <packageList><packageEventHistory>.<updateDateRange>

This can be used to also identify only the new Package tracking Events available, since last scheduled process, so that Package Events sent from previous scheduled processes are not received again.

See example Requests provided in Section 3.4.4, where the 3rd provided example Request includes both of the above parameters, where the same Date/Time-Range is sent for both, where for example if scheduled process is running at 19:15 CET, and process ran previously at 18:15 CET, then <dateRangeFrom> should be 18:15, and <dateRangeTill> should be 19:15, so that only new Shipments/Events available in Active Tracing from between 18:15 to 19:15 will be returned in Response.

Note – for this purpose the Date-Range time values should be in CET.

3.4.2 Request - Input Parameters

Argument	Type	Occurrence	Example	Meaning
Security	Container	Required		
security. <wsse:Username>	String	Required	act.ws.test@dhl.com	This should be the Active Tracing myACT login ID setup for you - for Security reasons, this limits the Shipments that can be returned via Webservice, so that only shipments which match the Customer Account Number(s) configured against your myACT login will be available via Webservice.
security. <wsse:Password>	String	Required	WebserviceT3st	This should be the password for your myACT login ID.
<accountNumberData>	Container	Optional / Required		As described above in 3.4.1 Description, sending a Request with no <accountNumberData> defined will return Shipments belonging to all DHL Customer Account Numbers configured against your Active Tracing myACT login profile (where you send login ID & Password within all Requests). If it may be the case that you have more than one DHL Customer Account Number configured against your Active Tracing myACT login, then in order to limit the

				<p>Shipments returned to only certain DHL Account Numbers, then you must send <accountNumberData> Container with the following 4 additional Account Number parameters <systemCode>; <countryCode>; <accountNumber> & <accountType>.</p> <p>The example Requests in 3.4.4 below shows both a Request with no <accountNumberData> and another with <accountNumberData>.</p>
accountNumberData. <systemCode>	String	Optional / Required	DEM	<p>This is an internal DHL System Code required to correctly identify your specific Customer Account Number – some of the most common System Codes that you may need to provide for your account are listed below:</p> <ul style="list-style-type: none"> - Code „CC“ - Code „EVO“ - Code „AX“ - Code „UNI“ <p>Some other codes may be possibly be required for any Domestic shipments you may have - if you are not certain which Code should be used for your Account, please confirm with your local DHL contact.</p>
accountNumberData. <countryCode>	String	Optional / Required	DE	This is the Country Code that your DHL Account Number belongs to.
accountNumberData. <accountNumber>	String	Optional / Required	DEM401300387	This is your DHL Account Number.
accountNumberData. <accountType>	String	Optional / Required	ALL	<p>This Account Type code involves whether your DHL Account Number was the “CZ” (Consignor) Invoiced Account (for an Export), or, was the “CN” (Consignee) Invoiced Account (for an Import).</p> <p>It is recommended to send value “ALL” to prevent any risk of some of your shipments not being identified.</p>
<originCountry>	String	Optional	DE	The origin country will be checked against the “Consignor” & “Pickup” addresses of a shipment. This parameter will have a negative influence on the response time if it is set in the request.
<destinationCountry>	String	Optional	ES	The destination country will be checked against the “Consignee” & “Delivery Party” addresses of a shipment. This parameter will have a negative influence on the response time if it is set in the request.
<destinationCity>	String	Optional		The destination city will be checked against the “Consignee” & “Delivery Party” addresses of a shipment. This parameter will have a negative influence on the response time if it is set in the request.
<destinationZip>	String	Optional		The destination Zip will be checked against the “Consignee” & “Delivery Party” addresses of a shipment. This parameter will have a negative influence on the response time if it is set in the request.
<eventDateRange>	Int	Optional	1	<p>The search range in days of the latest Shipment Status update date.</p> <p>Filtering with this criteria will then return only shipments where the last event update occurred within the last [value of eventDateRange]-days.</p>
<pickupDateRange>	Int	Optional	1	<p>The search range in days of the Pickup date.</p> <p>Filtering with this criteria will then return only shipments with a Pickup date within the last [value of eventDateRange]-days.</p> <p>The higher the range is the higher is the negative influence on the response time</p>

<updateDateRange>	Container	Optional		<p>If updateDateRangeFrom and updateDateRangeTill is filled with a valid date or date/time value the result will only contain shipments where the latest Status of a shipment was updated within this date/time-range, or date-range * (in CET).</p> <p>To avoid getting one shipment/event multiple times in several requests the DateRangeFrom should be the DateRangeTill from the last request.</p>
updateDateRange. <dateRangeFrom>	Date/Time	Optional	2020-05-12 2020-05-12T14:15:00	<p>The From date/time for your range (in CET).</p> <p>If used in a scheduled process, this should be the date/time of when the scheduled process previously ran, so that Response will only include new/updated Shipments since previous process.</p> <p>* If updateDateRange.<dateRangeFrom> is not set 1970-01-01 will be used as default</p>
updateDateRange. <dateRangeTill>	Date/Time	Optional	2020-10-26 2020-05-12T15:15:00	<p>The To date/time for your range (in CET).</p> <p>If used in a scheduled process, this should be the current date/time of when the scheduled process currently running.</p> <p>* If updateDateRange.<dateRangeTill> is not set the current timestamp will be used.</p> <p>* If only Date value (no Time value) included, date-range will not include <dateRangeTill> Date.</p>
<eventHistory>	Container	Optional	<eventHistory/>	<p>If <eventHistory/> included (with no <eventDateRange> or <updateDateRange> parameters), Responses will include the full event history, for all shipments found.</p> <p>If <eventHistory> included with optional <eventDateRange> or <updateDateRange> parameters , Responses will include only the event history within this specified date/time-range, or date-range*, for all shipments found.</p>
eventHistory. <eventDateRange>	Container	Optional		<p>If eventDateRangeFrom and eventDateRangeTill is filled with a valid value the <eventHistory> returned is limited to only include events where the date/time of the events are within this range.</p>
eventHistory. eventDateRange. <dateRangeFrom>	Date/Time	Optional	2020-05-12 2020-05-12T14:15:00	<p>The From date, or date/time, for your range. If eventDateRange.<dateRangeFrom> is not set 1970-01-01 will be used as default</p>
eventHistory. eventDateRange. <dateRangeTill>	Date/Time	Optional	2020-10-26 2020-05-12T15:15:00	<p>* If only Date value (no Time value) included, response will not include events from <dateRangeTill> Date. If eventDateRange.<dateRangeTill> is not set the current timestamp will be used.</p>
eventHistory. <updateDateRange>	Container	Optional		<p>If updateDateRangeFrom and updateDateRangeTill is filled with a valid value the <eventHistory> returned is limited to only include events where the date/time of when events were loaded into Active Tracing are within this range.</p> <p>To avoid getting one event multiple times in several requests the DateRangeFrom should be the DateRangeTill from the last request.</p>
eventHistory. updateDateRange. <dateRangeFrom>	Date/Time	Optional	2020-05-12T13:15:00	<p>The From date, or date/time, for your range. If updateDateRange.<dateRangeFrom> is not set 1970-01-01 will be used as default</p>
eventHistory. updateDateRange. <dateRangeTill>	Date/Time	Optional	2020-05-12T14:15:00	<p>If updateDateRange.<dateRangeTill> is not set the current timestamp will be used.</p>
<packageList/>	Int	Optional	<packageList/>	<p>This optional parameter requires no value – inclusion of parameter within Request results in Responses including <packageList>, including all Package IDs for every shipment.</p>

packageList. <packageEventHistory>			<packageEventHistory />	
packageList. packageEventHistory. <packageId>	String	Optional		
packageList. packageEventHistory. <updateDateRange>				
packageList. packageEventHistory. updateDateRange. <dateRangeFrom>	Date/Time	Optional	2020-05-12T13:15:00	The From date, or date/time, for your range. If updateDateRange.<dateRangeFrom> is not set 1970-01-01 will be used as default
packageList. packageEventHistory. updateDateRange. <dateRangeTill>	Date/Time	Optional	2020-05-12T14:15:00	If updateDateRange.<dateRangeTill> is not set the current timestamp will be used.
<productCode>	String	Optional	EC	If this parameter is given, only shipments with the specified Product Code will be within the response, where there are 12 Products possible: EC - DHL Freight EuroConnect International DL - DHL Freight EuroConnect Domestic ER - DHL Freight Eurapid International DR - DHL Freight Eurapid Domestic EF - DHL Freight EuroLine International DF - DHL Freight EuroLine Domestic EN - DHL Freight EuroNet International DN - DHL Freight EuroNet Domestic ED - DHL Freight Customs Services FO - DHL Freight Coldchain FA - DHL Freight Trade Fairs & Events RA - DHL Freight Eurorail SP - DHL Freight Standard Pallet Domestic PP - DHL Freight Premium Pallet Domestic
<responseLocale>	String	Optional	EN	This allows the return of Tracking Event Descriptions in up to 7 languages available in Active Tracing - EN/DE/ES/FR/SE/PL/IT. If no <responseLocale> parameter is provided, it defaults to return in EN (English).
<referenceDataList/>	Int	Optional	<referenceDataList/>	This optional parameter requires no value – inclusion of parameter within Request results in Responses including <referenceDataList>, including <reference> values and <referenceType> of each (and <referenceSubType>, if applicable).

3.4.3 Response – Output parameters

Argument	Type	Occurrence	Example	Meaning
consignment	Container; repeatable [0..*]	Always		
consignment. <actDbId>	String	Always	426487935	Not relevant for Customer usage.
consignment. <orderCode>	String	Optional		This is the DHL Freight Shipment-ID for International Shipments, and some Domestic shipments - all International Shipments should have a value here.
consignment. <domesticShipmentData>	Container	Optional		
consignment. domesticShipmentData. <id>	String	Optional	DEM2021020701	If no Shipment-ID is returned within the <orderCode>, then a Domestic Shipment-ID will be returned here instead.
consignment. domesticShipmentData. <originSystemCode>	String	Always	DEM	[Not relevant for Customer usage]
consignment. domesticShipmentData. <originCountryCode>	String	Always	DE	[Not relevant for Customer usage]

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consignment. <consignorName>	String	Always	DHL FREIGHT DEMO SHIPPER	Shipper - Name
consignment. <consignorAddress>	Container	Always		
consignment. consignorAddress. <city>	String	Always	BONN	Shipper Address - City
consignment. consignorAddress. <street>	String	Always	GODESBERGER ALLEE 102-104	Shipper Address - Street
consignment. consignorAddress. <ZIP>	String	Always	53175	Shipper Address - ZIP
consignment. consignorAddress. <country>	String	Always	DE	Shipper Address - Country
consignment. <consigneeName>	String	Always	TAPIS RENT SPRL	Consignee - Name
consignment. <consigneeAddress>	Container	Always		
consignment. consigneeAddress. <city>	String	Always	EUPEN	Consignee Address - City
consignment. consigneeAddress. <street>	String	Always	RUE DU COMMERCE 14	Consignee Address - Street
consignment. consigneeAddress. <ZIP>	String	Always	4700	Consignee Address - ZIP
consignment. consigneeAddress. <country>	String	Always	BE	Consignee Address - Country
consignment. <weight>	String	Always	0	Weight
consignment. <volume>	String	Always	0.000	Volume
consignment. <loadingMeter>	String	Always	0.00	Loading Meters
consignment. <numberOfColli>	String	Always	0	Number of Packages
consignment. <numberOfPallets>	String	Always	1	Number of Pallets
consignment. <latestEvent>	Container	Always		
consignment. latestEvent. <eventKey>	Container	Always		
consignment. latestEvent.eventKey. <eventCode>	String	Always	21	[Not relevant for Customer usage]
consignment. latestEvent.eventKey. <reasonCode>	String	Always	0	[Not relevant for Customer usage]
consignment. latestEvent. <eventDescription>	String	Always	Delivered	Event Description
consignment. latestEvent. <eventDate>	String	Always	2020-05-05+01:00	Event Date (YYYY-MM-DD)
consignment. latestEvent. <eventTime>	String	Always	11:11:00.000+01:00	Event Time (HH:MM)
consignment. latestEvent. <terminalCode>	String	Always	AAH	Event Terminal - Code (always 3-characters)
consignment. latestEvent.	String	Always	AACHEN	Event Terminal - Name

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consignment. latestEvent. <terminalName>	String	Always	DE	Event Terminal - Country Code
consignment. <terminalCountry>	String	Always	ER	DHL Freight Product Code
consignment. <productCode>	String	Optional	DHL Freight Eurapid International	DHL Freight Product Name
consignment. <productName>	String	Always	20139583997	Customer Reference
consignment. <customerReference>	String	Optional	2020-05-03+01:00	Date Shipment Collected (YYYY-MM-DD). Only included for shipments that have been Collected.
consignment. <pickupDate>	String	Optional	2020-05-05+01:00	Committed Delivery Date (YYYY-MM-DD). Only included for shipments where a Committed Delivery Date has been defined.
consignment. <committedDeliveryDate>	String	Optional	2020-05-05+01:00	Fixed Delivery Date (YYYY-MM-DD). Only included for shipments where a Fixed Delivery Date has been defined.
consignment. <fixedDeliveryDate>	String	Optional	2020-05-05+01:00	Date Shipment Delivered (YYYY-MM-DD). Only included for Delivered shipments with IOD.
consignment. <deliveredDate>	String	Optional	JOHN SMITH	The IOD Receiver Name , who signed for the Delivered shipment. Only included for Delivered shipments with IOD.
consignment. <receivedBy>	String	Optional	2020-05-05+01:00	The IOD Date shipment was Delivered. Only included for Delivered shipments with IOD. This date is the same as <deliveredDate>.
consignment. <receivedDate>	String	Optional	11:11:00.000+01:00	The IOD Time shipment was Delivered. Only included for Delivered shipments with IOD.
consignment. <receivedTime>	String	Optional	2020-05-05+01:00	Appointment Date. If DHL has Booked In the Shipment with the Consignee to be delivered on a preferred date.
consignment. <laterDeliveryDate>	String	Optional		If there exists no Features on shipment, this Container will be empty.
consignment. <features>	Container	Always		
consignment.features <feature>	Container; repeatable [0..*]	Optional		
consignment.features. feature. <featureCode>	String	Optional	E12	DHL Freight Feature Code
consignment.features. feature. <featureName>	String	Optional	Express delivery Pre 12	DHL Freight Feature Name
consignment. <referenceDataList>	Container	Optional		
consignment. referenceDataList. <referenceData>	Container repeatable [0..*]	Optional		
consignment. referenceDataList. referenceData. <reference>	String	Optional	DEM2021020702	The value of the Consignor or Consignee Reference.
consignment. referenceDataList. referenceData. <referenceType>	String	Optional	CONSIGNEE / CONSIGNOR	The reference type can either be „CONSIGNEE“ or „CONSIGNOR“, to indicate whether the value of the <reference> is a Consignor or Consignee reference.
consignment. referenceDataList. referenceData. <referenceSubType>	String	Optional	PACKID	This Reference SubType option is valid only for specific Customers, with additional „CONSIGNOR“ Reference Sub Types implemented.
consignment. <packageList>	Container	Optional		
consignment. packageList. <packageData>	Container; repeatable [0..*]	Optional		
consignment.packageList. packageData. <packageId>	String	Optional		The Package identifier (Licence Plate / Barcode)

consignment.packageList. packageData.packageId. <packageHistory>	Container	Optional		
consignment.packageList. packageData.packageId. packageHistory. <eventData>	Container; repeatable [0..*]	Optional		
consignment.packageList. packageData.packageId. packageHistory.eventData. <eventKey>	Container	Optional		
consignment.packageList. packageData.packageId. packageHistory.eventData. eventKey. <eventCode>	String	Optional	13	[Not relevant for Customer usage]
consignment.packageList. packageData.packageId. packageHistory.eventData. eventKey. <reasonCode>	String	Always	0	[Not relevant for Customer usage]
consignment.packageList. packageData.packageId. packageHistory.eventData. <eventDescription>	String	Always	Collected	Event Description
consignment.packageList. packageData.packageId. packageHistory.eventData. <eventDate>	String	Always	2020-05-03+01:00	Event Date (YYYY-MM-DD)
consignment.packageList. packageData.packageId. packageHistory.eventData. <eventTime>	String	Always	10:16:00.000+01:00	Event Time (HH:MM)
consignment.packageList. packageData.packageId. packageHistory.eventData. <terminalCode>	String	Always	CGN	Event Terminal - Code (always 3 characters)
consignment.packageList. packageData.packageId. packageHistory.eventData. <terminalName>	String	Always	COLOGNE / KÖLN	Event Terminal - Name
consignment.packageList. packageData.packageId. packageHistory.eventData. <terminalCountry>	String	Always	DE	Event Terminal - Country Code

3.4.4 Example Request & Response

*** GetConsignmentsByAccountNumbers Request - for all Accounts ***

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ship="http://www.dhl.com/freight/activetracing/shipmenttrackingService/"
  <soapenv:Header>
    <wsse:Security
      xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
      xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
      soapenv:mustUnderstand="1">
      <wsse:UsernameToken wsu:Id="UsernameToken-1">
        <wsse:Username>act.ws.test@dhl.com</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">WebServiceT3st</wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <ship:GetConsignmentsByAccountNumbersRequest>

<!-- NOTE - No <accountNumberData> is required if you wish all Shipments for ALL Accounts configured on
used myACT login.-->

    </ship:GetConsignmentsByAccountNumbersRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

*** GetConsignmentsByAccountNumbers Request - for one Account ***

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ship="http://www.dhl.com/freight/activetracing/shipmenttrackingService/"
  <soapenv:Header>
    <wsse:Security
      xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
      xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
      soapenv:mustUnderstand="1">
      <wsse:UsernameToken wsu:Id="UsernameToken-1">
        <wsse:Username>act.ws.test@dhl.com</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">WebServiceT3st</wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <ship:GetConsignmentsByAccountNumbersRequest>

      <accountNumberData>
        <systemCode>DEM</systemCode>
        <countryCode>DE</countryCode>
        <accountNumber>DEM401300387</accountNumber>
        <accountType>ALL</accountType>
      </accountNumberData>

    </ship:GetConsignmentsByAccountNumbersRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

*** GetConsignmentsByAccountNumbers Request - to retrieve only Shipments where the Latest Status Event has a date since last 1 day, and to include full Event History, Package List, & References List ***

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ship="http://www.dhl.com/freight/activetracing/shipmenttrackingService/"
  <soapenv:Header>
    <wsse:Security
      xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
      xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
      soapenv:mustUnderstand="1">
      <wsse:UsernameToken wsu:Id="UsernameToken-1">
        <wsse:Username>act.ws.test@dhl.com</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">WebServiceT3st</wsse:Password>
      </wsse:UsernameToken>
```

```
</wsse:Security>
</soapenv:Header>
<soapenv:Body>
  <ship:GetConsignmentsByAccountNumbersRequest>

<!-- Here <eventDateRange> is to identify which Shipments should be included in Response - to only include
Shipments that have a Latest Status Event Date within the last number of <eventDateRange> days. -->

    <eventDateRange>1</eventDateRange>

<!-- Here <eventHistory/> (within no <updateDateRange> included) will trigger the full <eventHistory> to
be included for all Shipments. -->

    <eventHistory/>

<!-- Here <packageList/> will trigger the <packageList> to be included for all Shipments. -->

    <packageList/>

<!-- Here <referenceDataList/> will trigger the <referenceDataList> to be included for all Shipments. -->

    <referenceDataList/>

  </ship:GetConsignmentsByAccountNumbersRequest>
</soapenv:Body>
</soapenv:Envelope>
```

*** GetConsignmentsByAccountNumbers Request - to retrieve only recent new Shipments/Events during a Date/Time range ***

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ship="http://www.dhl.com/freight/activetracing/shipmenttrackingService/"
  <soapenv:Header>
    <wsse:Security
      xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
      xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
      soapenv:mustUnderstand="1">
      <wsse:UsernameToken wsu:Id="UsernameToken-1">
        <wsse:Username>act.ws.test@dhl.com</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">WebServiceT3st</wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <ship:GetConsignmentsByAccountNumbersRequest>

<!--This 1st <updateDateRange> is to identify which Shipments should be included in Response - to only
include Shipments where the Status has been updated during the date/time range of <updateDateRange>. -->

    <updateDateRange>
      <dateRangeFrom>2021-02-14T18:15:00.000</dateRangeFrom>
      <dateRangeTill>2021-02-14T19:15:00.000</dateRangeTill>
    </updateDateRange>

<!--Following the above identification of which Shipments should be included, this 2nd <updateDateRange>
(within <eventHistory>) is to identify which Events from these Shipments should be included, based on the
Date/Time (CET) the Events became available in Active Tracing (not the Date/Time of the Event).-->

    <eventHistory>
      <updateDateRange>
        <dateRangeFrom>2021-02-14T18:15:00.000</dateRangeFrom>
        <dateRangeTill>2021-02-14T19:15:00.000</dateRangeTill>
      </updateDateRange>
    </eventHistory>

  </ship:GetConsignmentsByAccountNumbersRequest>
</soapenv:Body>
</soapenv:Envelope>
```


*** GetConsignmentsByAccountNumbers Response ***

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:GetConsignmentsByAccountNumbersResponse
xmlns:ns2="http://www.dhl.com/freight/activetracing/shipmenttrackingService/">
      <consignment>
        <actDbId>426487936</actDbId>
        <orderCode/>
        <domesticShipmentData>
          <id>DEM2021020702</id>
          <originSystemCode>DEM</originSystemCode>
          <originCountryCode>DE</originCountryCode>
        </domesticShipmentData>
        <consignorName>DHL FREIGHT DEMO SHIPPER</consignorName>
        <consignorAddress>
          <city>BONN</city>
          <street>GODESBERGER ALLEE 102-104</street>
          <zip>53175</zip>
          <country>DE</country>
        </consignorAddress>
        <consigneeName>TAPIS RENT SPRL</consigneeName>
        <consigneeAddress>
          <city>EUPEN</city>
          <street>RUE DU COMMERCE 14</street>
          <zip>4700</zip>
          <country>BE</country>
        </consigneeAddress>
        <weight>126</weight>
        <volume>0.120</volume>
        <loadingMeter>0.00</loadingMeter>
        <numberOfColli>8</numberOfColli>
        <numberOfPallets>0</numberOfPallets>
        <latestEvent>
          <eventKey>
            <eventCode>21</eventCode>
            <reasonCode>0</reasonCode>
          </eventKey>
          <eventDescription>Delivered</eventDescription>
          <eventDate>2021-02-08+01:00</eventDate>
          <eventTime>11:11:00.000+01:00</eventTime>
          <terminalCode>AAH</terminalCode>
          <terminalName>AACHEN</terminalName>
          <terminalCountry>DE</terminalCountry>
        </latestEvent>
        <productCode>EC</productCode>
        <productName>DHL Freight EuroConnect International</productName>
        <customerReference>20139583997</customerReference>
        <pickupDate>2021-02-07+01:00</pickupDate>
        <deliveredDate>2021-02-08+01:00</deliveredDate>
        <receivedDate>2021-02-08+01:00</receivedDate>
        <receivedTime>11:11:00.000+01:00</receivedTime>
        <features/>
      </consignment>
      .
      .
      .
      <consignment>
        <actDbId>426487935</actDbId>
        <orderCode/>
        <domesticShipmentData>
          <id>DEM2021020701</id>
          <originSystemCode>DEM</originSystemCode>
          <originCountryCode>DE</originCountryCode>
        </domesticShipmentData>
        <consignorName>DHL FREIGHT DEMO SHIPPER</consignorName>
        <consignorAddress>
          <city>BONN</city>
          <street>GODESBERGER ALLEE 102-104</street>
          <zip>53175</zip>
          <country>DE</country>
        </consignorAddress>
        <consigneeName>URBINELLO MICHELE</consigneeName>
        <consigneeAddress>
          <city>TARANTO</city>
```

```
<street>VIA EMILIA, 136</street>
<zip>74100</zip>
<country>IT</country>
</consigneeAddress>
<weight>192</weight>
<volume>0.000</volume>
<loadingMeter>0.00</loadingMeter>
<numberOfColli>0</numberOfColli>
<numberOfPallets>1</numberOfPallets>
<latestEvent>
  <eventKey>
    <eventCode>21</eventCode>
    <reasonCode>0</reasonCode>
  </eventKey>
  <eventDescription>Delivered</eventDescription>
  <eventDate>2021-02-12+01:00</eventDate>
  <eventTime>12:01:00.000+01:00</eventTime>
  <terminalCode>BRI</terminalCode>
  <terminalName>BARI</terminalName>
  <terminalCountry>IT</terminalCountry>
</latestEvent>
<productCode>EC</productCode>
<productName>DHL Freight EuroConnect International</productName>
<customerReference>20139583006</customerReference>
<pickupDate>2021-02-07+01:00</pickupDate>
<deliveredDate>2021-02-12+01:00</deliveredDate>
<receivedDate>2021-02-12+01:00</receivedDate>
<receivedTime>12:01:00.000+01:00</receivedTime>
<features/>
</consignment>
</ns2:GetConsignmentsByAccountNumbersResponse>
</soap:Body>
</soap:Envelope>
```

3.5 WS Operation: “GetLatestEventByIdentifiers”

3.5.1 Description

This operation can be used to get the current Status & Location of specific multiple Shipments, when no other details or tracking history is required.

3.5.2 Request - Input Parameters

Argument	Type	Occurrence	Example	Meaning
Security	Container	Required		
security. <wsse:Username>	String	Required	act.ws.test@dhl.com	This should be the Active Tracing myACT login ID setup for you - for Security reasons, this limits the Shipments that can be returned via Webservice, so that only shipments which match the Customer Account Number(s) configured against your myACT login will be available via Webservice.
security. <wsse:Password>	String	Required	WebserviceT3st	This should be the password for your myACT login ID.
consignmentIdentification	Container	Required		
consignmentIdentification. <identification>	String	Required	DEM2021020702	The Shipment-ID to be used to identify your shipment.
consignmentIdentification. <identificationType>	String	Required	generic	identificationType defines the type of Shipment Identifier being sent in Request - it can be one of 5 values: 1) orderCode: This ID is the DHL Order-Code of a DHL Freight shipment. 2) domesticShipmentId: This ID is a Shipment-ID for Domestic shipments. 3) packageId: One shipment consists of 0-many Package-IDs. 4) actDbId: This ID is the unique ID for a freight shipment in our ActiveTracing database. 5) generic: By setting type as "generic", any of the above 4 Shipment ID Types can be used in the Request.
<responseLocale>	String	Optional	EN	This allows the return of Tracking Event Descriptions in up to 7 languages available in Active Tracing - EN/DE/ES/FR/SE/PL/IT. If no <responseLocale> parameter is provided, it defaults to return in EN (English).

3.5.3 Response – Output parameters

Argument	Type	Occurrence	Example	Meaning
consignmentIdentification	Container	Always		
consignmentIdentification. <identification>	String	Always	DEM2021020702	This will return the value sent within the Request.
consignmentIdentification. <identificationType>	String	Always	generic	This will return the value sent within the Request.
<consignment>	Container; repeatable [0..*]	Always		
consignment. <actDbId>	String	Always	426487936	Not relevant for Customer usage.
consignment. <orderCode>	String	Optional		This is the DHL Freight Shipment-ID for International Shipments, and some Domestic shipments - all International Shipments should have a value here.

consignment. <latestEvent>	Container	Always		
consignment.latestEvent. <eventKey>	Container	Always		
consignment.latestEvent.eve ntKey. <eventCode>	String	Always	21	[Not relevant for Customer usage]
consignment.latestEvent.eve ntKey. <reasonCode>	String	Always	0	[Not relevant for Customer usage]
consignment.latestEvent. <eventDescription>	String	Always	Delivered	Event Description
consignment.latestEvent. <eventDate>	String	Always	2020-05-05+01:00	Event Date (YYYY-MM-DD)
consignment.latestEvent. <eventTime>	String	Always	11:11:00.000+01:00	Event Time (HH:MM)
consignment.latestEvent. <terminalCode>	String	Always	AAH	Event Terminal - Code (always 3-characters)
consignment.latestEvent. <terminalName>	String	Always	AACHEN	Event Terminal - Name
consignment.latestEvent. <terminalCountry>	String	Always	DE	Event Terminal - Country Code

3.5.4 Example Request & Response

*** **GetLatestEventByIdentifiers** Request ***

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ship="http://www.dhl.com/freight/activetracing/shipmenttrackingService/"
  <soapenv:Header>
    <wsse:Security
      xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
      xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
      soapenv:mustUnderstand="1">
      <wsse:UsernameToken wsu:Id="UsernameToken-1">
        <wsse:Username>act.ws.test@dhl.com</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-
profile-1.0#PasswordText">WebServiceT3st</wsse:Password>
      </wsse:UsernameToken>
      </wsse:Security>
    </soapenv:Header>
    <soapenv:Body>
      <ship:GetLatestEventByIdentifiersRequest>
        <consignmentIdentification>
          <identification>DEM2021020701</identification>
          <identificationType>generic</identificationType>
        </consignmentIdentification>
        <consignmentIdentification>
          <identification>DEM2021020702</identification>
          <identificationType>generic</identificationType>
        </consignmentIdentification>
      </ship:GetLatestEventByIdentifiersRequest>
    </soapenv:Body>
  </soapenv:Envelope>
```

*** GetLatestEventByIdentifiers Response ***

NOTE: This example has no value for <orderCode> (always populated for International shipments).

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:GetLatestEventByIdentifiersResponse
xmlns:ns2="http://www.dhl.com/freight/activetracing/shipmenttrackingService/">
      <consignment>
        <consignmentIdentification>
          <identification>DEM2021020701</identification>
          <identificationType>generic</identificationType>
        </consignmentIdentification>
        <actDbId>403452860</actDbId>
        <domesticShipmentId>DEM2021020701</domesticShipmentId>
        <orderCode/>
        <latestEvent>
          <eventKey>
            <eventCode>21</eventCode>
            <reasonCode>0</reasonCode>
          </eventKey>
          <eventDescription>Delivered</eventDescription>
          <eventDate>2021-02-12+01:00</eventDate>
          <eventTime>12:01:00.000+01:00</eventTime>
          <terminalCode>BRI</terminalCode>
          <terminalName>BARI</terminalName>
          <terminalCountry>IT</terminalCountry>
        </latestEvent>
      </consignment>
      <consignment>
        <consignmentIdentification>
          <identification>DEM2021020702</identification>
          <identificationType>generic</identificationType>
        </consignmentIdentification>
        <actDbId>403452861</actDbId>
        <domesticShipmentId>DEM2021020702</domesticShipmentId>
        <orderCode/>
        <latestEvent>
          <eventKey>
            <eventCode>21</eventCode>
            <reasonCode>0</reasonCode>
          </eventKey>
          <eventDescription>Delivered</eventDescription>
          <eventDate>2021-02-08+01:00</eventDate>
          <eventTime>11:11:00.000+01:00</eventTime>
          <terminalCode>AAH</terminalCode>
          <terminalName>AACHEN</terminalName>
          <terminalCountry>DE</terminalCountry>
        </latestEvent>
      </consignment>
    </ns2:GetLatestEventByIdentifiersResponse>
  </soap:Body>
</soap:Envelope>
```

3.6 WS Operation: “GetEpodsSync”

3.6.1 Description

This operation executes the epod search by using the given Shipment-IDs (maximum ten ids) and returns the result immediately.

- If the DHL Shipment ID is not known, to retrieve POD by a Shipment Reference it is required to first use Operation GetConsignmentsByReference to retrieve the DHL Shipment ID, to then use in Request to Operation GetEpodsSync.
 - For example, see in **Section 3.3.4** example Request for Operation GetConsignmentsByReference, which returns for example Reference **DEMO_987654321** the DHL Shipment ID **DEM2021020702** (within **<consignment>.<domesticShipmentData>.<id>**), which is used in below **Section 3.6.4** example Request for Operation GetEpodsSync.
 - **Note** - if the Response from Operation GetConsignmentsByReference includes a value for **<consignment>.<orderCode>**, then this is the Shipment ID that should be used.

3.6.2 Request - Input Parameters

Argument	Type	Occurrence	Example	Meaning
Security	Container	Required		
security. <wsse:Username>	String	Required	act.ws.test@dhl.com	This should be the Active Tracing myACT login ID setup for you - for Security reasons, this limits the Shipments that can be returned via Webservice, so that only shipments which match the Customer Account Number(s) configured against your myACT login will be available via Webservice.
security. <wsse:Password>	String	Required	WebServiceT3st	This should be the password for your myACT login ID.
consignmentIdentification	Container	Required		
consignmentIdentification. <identification>	String	Required	DEM2021020702	The Shipment-ID to be used to identify your shipment.
consignmentIdentification. <identificationType>	String	Required	generic	identificationType defines the type of Shipment Identifier being sent in Request - it can be one of 5 values: 1) orderCode: This ID is the DHL Order-Code of a DHL Freight shipment. 2) domesticShipmentId: This ID is a Shipment-ID for Domestic shipments. 3) packageId: One shipment consists of 0-many Package-IDs. 4) actDBId: This ID is the unique ID for a freight shipment in our ActiveTracing database. 5) generic: By setting type as "generic", any of the above 4 Shipment ID Types can be used in the Request.
<ePodWithTrackingData>	Boolean	Optional	false	Set true if the PDF must contain the tracking data of the shipment. Set false if the PDF must only contain the ePOD. The default setting is false. Please note that this parameter can only be used if the parameter “ePodConvertedToPDF” is set to true.

<ePodConvertedToPDF>	Boolean	Optional	false	<p>Set true if the output format of the ePODs must be PDF.</p> <p>Set to false the origin format of the ePOD archive will be provided. It depends on the ePOD archive which format will be provided. The default setting is false.</p> <p>If true, all ePODs of one shipment will be attached to one PDF-file. If false, all files will get the suffix “_N”, where N is number of current file in the filelist.</p>
<responseLocale>	String	Optional	EN	<p>This allows the return of Tracking Event Descriptions in up to 7 languages available in Active Tracing - EN/DE/ES/FR/SE/PL/IT. If no <responseLocale> parameter is provided, it defaults to return in EN (English).</p>
<referenceDataList/>	Int	Optional	<referenceDataList/>	<p>This optional parameter requires no value – inclusion of parameter within Request results in Responses including <referenceDataList>, including <reference> values and <referenceType> of each (and <referenceSubType>, if applicable).</p>

3.6.3 Response – Output parameters

Argument	Type	Occurrence	Example	Meaning
ePodSearch	Container	Always		
ePodSearch. <totalNumberOfShipmentId>	Int	Always	1	The total number of Shipment-IDs that were transferred with the origin request.
ePodSearch. <totalNumberOfShipmentIdProcessed>	Int	Always	1	The total number of Shipment-IDs that were processed already with other responses and including this response.
ePodSearch. <numberOfShipmentIdWithInResponse>	Int	Always	1	The number of Shipment-IDs included in ePODSearchDetail
ePodSearch. <numberEpodAvailable>	Int	Always	1	The number of the Shipment-IDs for which an ePOD is available
ePodSearch. <numberEpodNotAvailable>	Int	Always	0	The number of the Shipment-IDs for which an ePOD is not available because not found in an ePod archive
ePodSearch. <numberEPODFailure>	Int	Always	0	The number of the Shipment-IDs for which an ePOD is not available due to a technical failure during ePOD archive access
ePodSearch. ePODSearchDetail	Container; repeatable [0..*]	Always		
ePodSearch.ePODSearchDetail. <messageId>	String	Always	14	0 – ok 11 – Consignment not found in ACT 12 – More than one consignment is available with the consignment id 13 – ePOD not available - consignment isn't delivered yet 14 – ePOD not available in any ePOD archives 21 – failure occurred while accessing ePOD archive
ePodSearch.ePODSearchDetail. <messageText>	String	Always	ePOD not available in any ePOD archives	See above for the Message Text that should be received with each Message ID value 0 / 11 / 12 / 13 / 14 / 21.
ePodSearch.ePODSearchDetail. consignment	Container; repeatable [0..*]	Always		
ePodSearch.ePODSearchDetail.consignment. <actDbid>	String	Always	426487936	Not relevant for Customer usage.
ePodSearch.ePODSearchDetail.consignment. <orderCode>	String	Optional		This is the DHL Freight Shipment-ID for International Shipments, and some Domestic shipments - all International Shipments should have a value here.

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ePodSearch. ePODSearchDetail. consignment. domesticShipmentData	Container	Optional		
ePodSearch.ePODSearchDetail. consignment.domesticShipmentData. <id>	String	Optional	DEM2021020702	If no Shipment-ID is returned within the <orderCode>, then a Domestic Shipment-ID will be returned here instead.
ePodSearch.ePODSearchDetail. consignment.domesticShipmentData. <originSystemCode>	String	Always	DEM	[Not relevant for Customer usage]
ePodSearch.ePODSearchDetail. consignment.domesticShipmentData. <originCountryCode>	String	Always	DE	[Not relevant for Customer usage]
ePodSearch.ePODSearchDetail. consignment. <consignorName>	String	Always	DHL FREIGHT DEMO SHIPPER	Shipper - Name
ePodSearch. ePODSearchDetail. consignment. consignorAddress	Container	Always		
ePodSearch.ePODSearchDetail. consignment.consignorAddress. <city>	String	Always	BONN	Shipper Address - City
ePodSearch.ePODSearchDetail. consignment.consignorAddress. <street>	String	Always	GODESBERGER ALLEE 102-104	Shipper Address - Street
ePodSearch.ePODSearchDetail. consignment.consignorAddress. <ZIP>	String	Always	53175	Shipper Address - ZIP
ePodSearch.ePODSearchDetail. consignment.consignorAddress. <country>	String	Always	DE	Shipper Address - Country
ePodSearch.ePODSearchDetail. consignment. <consigneeName>	String	Always	TAPIS RENT SPRL	Consignee - Name
ePodSearch. ePODSearchDetail. consignment. consigneeAddress	Container	Always		
ePodSearch.ePODSearchDetail. consignment.consigneeAddress. <city>	String	Always	EUPEN	Consignee Address - City
ePodSearch.ePODSearchDetail. consignment.consigneeAddress. <street>	String	Always	RUE DU COMMERCE 14	Consignee Address - Street
ePodSearch.ePODSearchDetail. consignment.consigneeAddress. <ZIP>	String	Always	4700	Consignee Address - ZIP
ePodSearch.ePODSearchDetail. consignment.consigneeAddress. <country>	String	Always	BE	Consignee Address - Country
ePodSearch.ePODSearchDetail. consignment. <weight>	String	Always	0	Weight
ePodSearch.ePODSearchDetail. consignment. <volume>	String	Always	0.000	Volume

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ePodSearch.ePODSearchDetail.consignment. <loadingMeter>	String	Always	0.00	Loading Meters
ePodSearch.ePODSearchDetail.consignment. <numberOfColli>	String	Always	0	Number of Packages
ePodSearch.ePODSearchDetail.consignment. <numberOfPallets>	String	Always	1	Number of Pallets
ePodSearch.ePODSearchDetail.consignment. <latestEvent>	Container	Always		
ePodSearch.ePODSearchDetail.consignment.latestEvent. <eventKey>	Container	Always		
ePodSearch.ePODSearchDetail.consignment.latestEvent.eventKey. <eventCode>	String	Always	21	[Not relevant for Customer usage]
ePodSearch.ePODSearchDetail.consignment.latestEvent.eventKey. <reasonCode>	String	Always	0	[Not relevant for Customer usage]
ePodSearch.ePODSearchDetail.consignment.latestEvent. <eventDescription>	String	Always	Delivered	Event Description
ePodSearch.ePODSearchDetail.consignment.latestEvent. <eventDate>	String	Always	2020-05-05+01:00	Event Date (YYYY-MM-DD)
ePodSearch.ePODSearchDetail.consignment.latestEvent. <eventTime>	String	Always	11:11:00.000+01:00	Event Time (HH:MM)
ePodSearch.ePODSearchDetail.consignment.latestEvent. <terminalCode>	String	Always	AAH	Event Terminal - Code (always 3-characters)
ePodSearch.ePODSearchDetail.consignment.latestEvent. <terminalName>	String	Always	AACHEN	Event Terminal - Name
ePodSearch.ePODSearchDetail.consignment.latestEvent. <terminalCountry>	String	Always	DE	Event Terminal - Country Code
ePodSearch.ePODSearchDetail.consignment. <productCode>	String	Always	ER	DHL Freight Product Code
ePodSearch.ePODSearchDetail.consignment. <productName>	String	Optional	DHL Freight Eurapid International	DHL Freight Product Name
ePodSearch.ePODSearchDetail.consignment. <customerReference>	String	Always	20139583997	Customer Reference
ePodSearch.ePODSearchDetail.consignment. <pickupDate>	String	Optional	2020-05-03+01:00	Date Shipment Collected (YYYY-MM-DD). Only included for shipments that have been Collected.
ePodSearch.ePODSearchDetail.consignment. <committedDeliveryDate>	String	Optional	2020-05-05+01:00	Committed Delivery Date (YYYY-MM-DD). Only included for shipments where a Committed Delivery Date has been defined.
ePodSearch.ePODSearchDetail.consignment. <fixedDeliveryDate>	String	Optional	2020-05-05+01:00	Fixed Delivery Date (YYYY-MM-DD). Only included for shipments where a Fixed Delivery Date has been defined.
ePodSearch.ePODSearchDetail.consignment. <deliveredDate>	String	Optional	2020-05-05+01:00	Date Shipment Delivered (YYYY-MM-DD). Only included for Delivered shipments with IOD.
ePodSearch.ePODSearchDetail.consignment. <receivedBy>	String	Optional	JOHN SMITH	The IOD Receiver Name , who signed for the Delivered shipment. Only included for Delivered shipments with IOD.
ePodSearch.ePODSearchDetail.consignment.	String	Optional	2020-05-05+01:00	The IOD Date shipment was Delivered. Only included for Delivered shipments with IOD. This date is the

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<receivedDate>				same as <deliveredDate>.
ePodSearch.ePODSearchDetail.consignment. <receivedTime>	String	Optional	11:11:00.000+01:00	The IOD Time shipment was Delivered. Only included for Delivered shipments with IOD.
ePodSearch.ePODSearchDetail.consignment. <laterDeliveryDate>	String	Optional	2020-05-05+01:00	Appointment Date. If DHL has Booked In the Shipment with the Consignee to be delivered on a preferred date.
consignment. <features>	Container	Always		If there exists no Features on shipment, this Container will be empty.
consignment.features <feature>	Container; repeatable [0..*]	Optional		
consignment.features.feature. <featureCode>	String	Optional	E12	DHL Freight Feature Code
consignment.features.feature. <featureName>	String	Optional	Express delivery Pre 12	DHL Freight Feature Name
consignment. referenceDataList	Container	Optional		
consignment. referenceDataList. referenceData	Container repeatable [0..*]	Optional		
consignment.referenceDataList.referenceData. <reference>	String	Optional	DEM2021020702	The value of the Consignor or Consignee Reference.
consignment.referenceDataList.referenceData. <referenceType>	String	Optional	CONSIGNEE / CONSIGNOR	The reference type can either be „CONSIGNEE“ or „CONSIGNOR“, to indicate whether the value of the <reference> is a Consignor or Consignee reference.
consignment.referenceDataList.referenceData. <referenceSubType>	String	Optional	PACKID	This Reference SubType option is valid only for specific Customers, with additional CONSIGNOR Reference Sub Types implemented.
ePodSearch.ePODSearchDetail.consignment. <eventHistory>	Container	Always		
ePodSearch.ePODSearchDetail.consignment.eventHistory. <eventData>	Container; repeatable [0..*]	Always		
ePodSearch.ePODSearchDetail.consignment.eventHistory.eventData.eventKey. <eventCode>	String	Always	13	[Not relevant for Customer usage]
ePodSearch.ePODSearchDetail.consignment.eventHistory.eventData.eventKey. <reasonCode>	String	Always	0	[Not relevant for Customer usage]
ePodSearch.ePODSearchDetail.consignment.eventHistory.eventData.eventKey. <eventDescription>	String	Always	Collected	Event Description
ePodSearch.ePODSearchDetail.consignment.eventHistory.eventData.eventKey. <eventDate>	String	Always	2020-05-03+01:00	Event Date (YYYY-MM-DD)
ePodSearch.ePODSearchDetail.consignment.eventHistory.eventData.eventKey. <eventTime>	String	Always	10:16:00.000+01:00	Event Time (HH:MM)
ePodSearch.ePODSearchDetail.consignment.eventHistory.eventData.eventKey. <terminalCode>	String	Always	CGN	Event Terminal - Code (always 3 characters)

ePodSearch.ePODSearchDetail.consignment.eventHistory.eventData.eventKey. <terminalName>	String	Always	COLOGNE / KÖLN	Event Terminal - Name
ePodSearch.ePODSearchDetail.consignment.eventHistory.eventData.eventKey. <terminalCountry>	String	Always	DE	Event Terminal - Country Code
ePodSearch.ePODSearchDetail. <filename>	String	Always	LONEC1234567.pdf	
ePodSearch. <ePODZipDFFile>	XOP	Always	<xop:Include href="cid:3f367ba8-c154-4f89-92f7-0c87ae4ce1fa-5@cdf.apache.org" xmlns:xop="http://www.w3.org/2004/08/xop/include"/>	XML-binary Optimized Packaging (XOP) convention used to provide the ZIP POD (Proof Of Delivery) Image.

3.6.4 Example Request & Response

*** GetEpodsSync Request ***

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ship="http://www.dhl.com/freight/activetracing/shipmenttrackingService/">
  <soapenv:Header>
    <wsse:Security
      xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
      xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
      soapenv:mustUnderstand="1">
        <wsse:UsernameToken wsu:Id="UsernameToken-1">
          <wsse:Username>act.ws.test@dhl.com</wsse:Username>
          <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">WebServiceT3st</wsse:Password>
        </wsse:UsernameToken>
      </wsse:Security>
    </soapenv:Header>
    <soapenv:Body>
      <ship:GetEpodsSyncRequest>
        <consignmentIdentification>
          <identification>DEM2021020702</identification>
          <identificationType>generic</identificationType>
        </consignmentIdentification>
        <ePodWithTrackingData>>false</ePodWithTrackingData>
        <ePodConvertedToPDF>>false</ePodConvertedToPDF>
      </ship:GetEpodsSyncRequest>
    </soapenv:Body>
  </soapenv:Envelope>
```

*** GetEpodsSync Response ***

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:GetEpodsSyncResponse
      xmlns:ns2="http://www.dhl.com/freight/activetracing/shipmenttrackingService/">
      <ePodSearch>
        <totalNumberOfShipment-ID>1</totalNumberOfShipment-ID>
        <totalNumberOfShipment-IDProcessed>1</totalNumberOfShipment-IDProcessed>
        <numberOfShipment-IDWithinResponse>1</numberOfShipment-IDWithinResponse>
        <numberEpodAvailable>0</numberEpodAvailable>
        <numberEpodNotAvailable>1</numberEpodNotAvailable>
        <numberEPodFailure>0</numberEPodFailure>
      </ePodSearch>
    </ns2:GetEpodsSyncResponse>
  </soap:Body>
</soap:Envelope>
```

```
<ePODSearchDetail>
  <messageId>14</messageId>
  <messageText>ePOD not available in any ePOD archives</messageText>
  <consignment>
    <actDbId>426487936</actDbId>
    <orderCode/>
    <domesticShipmentData>
      <id>DEM2021020702</id>
      <originSystemCode>DEM</originSystemCode>
      <originCountryCode>DE</originCountryCode>
    </domesticShipmentData>
    <consignorName>DHL FREIGHT DEMO SHIPPER</consignorName>
    <consignorAddress>
      <city>BONN</city>
      <street>GODESBERGER ALLEE 102-104</street>
      <zip>53175</zip>
      <country>DE</country>
    </consignorAddress>
    <consigneeName>TAPIS RENT SPRL</consigneeName>
    <consigneeAddress>
      <city>EUPEN</city>
      <street>RUE DU COMMERCE 14</street>
      <zip>4700</zip>
      <country>BE</country>
    </consigneeAddress>
    <weight>126</weight>
    <volume>0.120</volume>
    <loadingMeter>0.00</loadingMeter>
    <numberOfColli>8</numberOfColli>
    <numberOfPallets>0</numberOfPallets>
    <latestEvent>
      <eventKey>
        <eventCode>21</eventCode>
        <reasonCode>0</reasonCode>
      </eventKey>
      <eventDescription>Delivered</eventDescription>
      <eventDate>2021-02-08+01:00</eventDate>
      <eventTime>11:11:00.000+01:00</eventTime>
      <terminalCode>AAH</terminalCode>
      <terminalName>AACHEN</terminalName>
      <terminalCountry>DE</terminalCountry>
    </latestEvent>
    <productCode>EC</productCode>
    <productName>DHL Freight EuroConnect International</productName>
    <customerReference>20139583997</customerReference>
    <pickupDate>2021-02-07+01:00</pickupDate>
    <deliveredDate>2021-02-08+01:00</deliveredDate>
    <receivedDate>2021-02-08+01:00</receivedDate>
    <receivedTime>11:11:00.000+01:00</receivedTime>
    <features/>
    <eventHistory>
      <eventData>
        <eventKey>
          <eventCode>13</eventCode>
          <reasonCode>0</reasonCode>
        </eventKey>
        <eventDescription>Collected</eventDescription>
        <eventDate>2021-02-07+01:00</eventDate>
        <eventTime xsi:nil="true" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
        <terminalCode>CGN</terminalCode>
        <terminalName>COLOGNE / KÖLN</terminalName>
        <terminalCountry>DE</terminalCountry>
      </eventData>
      <eventData>
        <eventKey>
          <eventCode>1</eventCode>
          <reasonCode>0</reasonCode>
        </eventKey>
        <eventDescription>Received at terminal</eventDescription>
        <eventDate>2021-02-07+01:00</eventDate>
        <eventTime>10:17:00.000+01:00</eventTime>
        <terminalCode>CGN</terminalCode>
        <terminalName>COLOGNE / KÖLN</terminalName>
        <terminalCountry>DE</terminalCountry>
      </eventData>
    </eventHistory>
  </consignment>
</ePODSearchDetail>
```

```
<eventData>
  <eventKey>
    <eventCode>24</eventCode>
    <reasonCode>0</reasonCode>
  </eventKey>
  <eventDescription>Shipped from terminal</eventDescription>
  <eventDate>2021-02-07+01:00</eventDate>
  <eventTime>18:33:00.000+01:00</eventTime>
  <terminalCode>CGN</terminalCode>
  <terminalName>COLOGNE / KÖLN</terminalName>
  <terminalCountry>DE</terminalCountry>
</eventData>
<eventData>
  <eventKey>
    <eventCode>1</eventCode>
    <reasonCode>0</reasonCode>
  </eventKey>
  <eventDescription>Received at terminal</eventDescription>
  <eventDate>2021-02-08+01:00</eventDate>
  <eventTime>03:03:00.000+01:00</eventTime>
  <terminalCode>AAH</terminalCode>
  <terminalName>AACHEN</terminalName>
  <terminalCountry>DE</terminalCountry>
</eventData>
<eventData>
  <eventKey>
    <eventCode>24</eventCode>
    <reasonCode>501</reasonCode>
  </eventKey>
  <eventDescription>Out for Delivery</eventDescription>
  <eventDate>2021-02-08+01:00</eventDate>
  <eventTime>07:43:00.000+01:00</eventTime>
  <terminalCode>AAH</terminalCode>
  <terminalName>AACHEN</terminalName>
  <terminalCountry>DE</terminalCountry>
</eventData>
<eventData>
  <eventKey>
    <eventCode>21</eventCode>
    <reasonCode>0</reasonCode>
  </eventKey>
  <eventDescription>Delivered</eventDescription>
  <eventDate>2021-02-08+01:00</eventDate>
  <eventTime>11:11:00.000+01:00</eventTime>
  <terminalCode>AAH</terminalCode>
  <terminalName>AACHEN</terminalName>
  <terminalCountry>DE</terminalCountry>
</eventData>
</eventHistory>
</consignment>
<filename>DEM2021020702.pdf</filename>
</ePODSearchDetail>
<ePODZipFile>
  <xop:Include href="cid:245bc5d2-a049-45c8-8810-245f1eac2686-9844@cx.f.apache.org"
xmlns:xop="http://www.w3.org/2004/08/xop/include"/>
  </ePODZipFile>
</ePodSearch>
</ePodSearch>
</ns2:GetEpodsSyncResponse>
</soap:Body>
</soap:Envelope>
```

4. Closing

We hope this manual can support you to use the AcT WebServices.

In case you need further help, please contact your local DHL Freight support contact.