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 Tracking API WebService. It provides API access to DHL Freight's Track & Trace 'Active Tracing' solution (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 (& some other documents available)

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 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 the DHL Order-Code, Shipment-ID, or Package-ID is known.

Shipment Info	Included in Response
Shipment Details	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	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 Customer DHL Account Number(s), can be used with date/time-parameters.

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

4) **GetLatestEventByIdentifiers**: returns Latest Status & Location for multiple Shipment IDs (not Customer References), no Shipment Details / Event History.

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

5) **GetEpodsSync:** returns ePods (& some other documents possible) of shipments immediately (synchronous), suitable for up to 10 Shipment-IDs, per Request.

Shipment Info	Included in Response
Shipment Details	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 different types of solutions, such as either:

1) setting up for <u>adhoc/manual requests</u> for 1 or more shipments to immediately display in local application

2) developing a <u>scheduled process</u> to continually load and store all new Tracking data & new/updated Shipment details into a local solution

The most common usage is **(2)** where although these types of <u>scheduled processes</u> API solutions are often implemented via an API *polling solution* (every 10/15/30 minutes sending an API Tracking Request for each Shipment) it is recommended to instead implement via a *time-based solution* using **GetConsignmentsByAccountNumbers** – see usage **E** described below, and **Section 3.4** for more details.

This Section aims to summarise different uses of the AcT WebServices, suggesting which of the 5 WS 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 <u>a scheduled process</u> 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 <u>a scheduled process</u> 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 PODs or some other documents, by DHL Shipment ID

POD (Proof of Delivery) documents are primary document type available for Shipments, but a growing number of other document types may be available for some shipments, dependent on the type of shipment, and countries involved.

PODs (& any other possible document types) can be retrieved via the AcT API in 2 different methods:

1) Requesting the POD/document files, via GetEpodsSync

With this method, the Operation GetEpodsSync returns a ZIP file containing the POD/document files.

This Operation can only be requested using a DHL Shipment ID (not with Customer References) - if the DHL Shipment ID is not known, to retrieve POD /documents 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.

2) POD/document URL links via GetConsignmentsByAccountNumbers

API Response parameters <linkToPod> & <linkToOtherDocuments> can be available from all Operations (apart from GetLatestEventByIdentifiers). The the URL link values received in these 2 Response parameters can be used to view/download the POD/documents.

- **Note** – by appending **"&view=download"** to end of provided URL will make the URL instead trigger a download of the POD/document (instead of opening display of POD/document on screen).

The benefit of this approach, using GetConsignmentsByAccountNumbers (in a scheduled-process with <updateDateRange>) is that Shipments will be automatically returned minutes after a new POD/document is available.

Before considering implementing this method, please check with local DHL Freight contact that these POD/document URL links should exist for the Shipments, and used myACT login has this method activated.

The main benefit of method **(2)** over method **(1)** is that Customer does not need to continually Request PODs for specific shipments.

E) Scheduled process to automatically retrieve (by date/time) all new Events & updated Shipments (including also POD/document URLs when available, and possible GPS updates for NTB shipments, if GPS solution implemented)

For any scheduled processes, involving a solution scheduled to Request new Events or any updates on Shipments (for example, every 10/15/30 minutes), it is recommended that 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, and below example Request with the above 2 parameters shown:

Recommended API Request for GetConsignmentsByAccountNumbers:

```xml
<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>2024-02-14T18:15:00.000</dateRangeFrom>
             <dateRangeTill>2024-02-14T19:15:00.000</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>2024-02-14T18:15:00.000</dateRangeFrom>
                  <dateRangeTill>2024-02-14T19:15:00.000</dateRangeTill>
             </updateDateRange>
        </eventHistory>

<!—Inclusion of <referenceDataList/ > within the Request will trigger the Response to return
<referenceDataList/> with a full list of all Customer References on each Shipment -->

       <referenceDataList/>

     </ship:GetConsignmentsByAccountNumbersRequest>

   </soapenv:Body>

</soapenv:Envelope>
```

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.

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 Identifer being sent in Request - it can be 1 of 4 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) generic**: By setting type as "generic", any of the above 3 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
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 In case a shipment has multiple Customer References, because this <customerReference> parameter only returns 1 single value, it always returns only the first Reference value loaded against a Shipment. If multiple Customer References are required, and if the received <customerReference> is not the required Customer Reference, then Request parameter <referenceDataList> should be used instead, to trigger the full list of all Customer References to be returned.
consignment. <pickupDate>	String	Optional	2020-05-03+01:00	Date Shipment Collected (YYYY-MM-DD). Only included for shipments that have been Collected.
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. <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. <estimatedDeliveryDate>	String	Optional	2020-05-05+01:00	Estimated Delivery Date (YYYY-MM-DD). This Date value may not immediately be available for all Customers, so Customer should check with their local DHL Freight contact to confirm available. This 'EDD' Estimated Delivery Date is determined differently for TBO vs NTB shipments: For TBO shipments, it is based on our DHL Freight Lead-Times, and may be updated during TBO transit, recalculated when shipments scanned Inbound at each Terminal. This TBO EDD is available in all Internatkonal

				Shipments but not not available for Domestic Shipments in all Countries (currently 6 countries). For NTB shipments, it is based on GPS-Tracking of shipments, where this GPS-Tracking / EDD-Calculation may not be activated for all Customers.
consignment. **<estimatedDeliveryTime>**	String	Optional	11:11:00.000+01:00	Referring to above description of Estimated Delivery Date, this Estimated Delivery Time is not available for any TBO EDD, it can only be possible for NTB EDD.
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. **<linkToPod>**	String	Optional		The provides a direct URL link to the 'POD' Proof Of Delivery document for the shipment, if available. This POD URL value may not immediately be available for all Customers, so Customer should check with their local DHL Freight contact to confirm available. The provided URL link will display the POD on screen, but by appending **"&view=download"** to end of provided URL will make it instead trigger a download of the POD.
consignment. **<linkToOtherDocuments>**	Container	Optional		
consignment. linkToOtherDocuments. **<linkToOtherDocument>**	Container	Optional		
consignment. linkToOtherDocuments. linkToOtherDocument. **<code>**	String	Optional		A 3-letter code for the Document Type.
consignment. linkToOtherDocuments. linkToOtherDocument. **<name>**	String	Optional		A name description for the Document Type.
consignment. linkToOtherDocuments. linkToOtherDocument. **<link>**	String	Optional		The can provide a direct URL link to multiple other (non POD) documents for the shipment, if available. This Document URL value may not immediately be available for all Customers, so Customer should check with their local DHL Freight contact to confirm available. The provided URL link will display the Document on screen, but by appending **"&view=download"** to end of provided URL will make it instead trigger a download of the Document.
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. **<laterDeliveryTime>**	String	Optional	11:11:00.000+01:00	Appointment Time. If DHL has Booked In the Shipment with the Consignee to be delivered on a preferred date, there may also be a preferred Time available, but a Time is not available for all captured Appointment Dates.
consignment. **<gpsLatitude>**	String	Optional	52.1234	The current most recent GPS Latitude coordinate, where values are normally updated every 15 minutes.This is available only for NTB shipments, where GPS Tracking has been requested by Customer.
consignment. **<gpsLongitude>**	String	Optional	15.1234	The current most recent GPS Longitude coordinate, where values are normally updated every 15 minutes.This is available only for NTB shipments, where GPS Tracking has been requested by Customer.
consignment. **<gpsDate>**	String	Optional	2020-05-05+01:00	The <gpsDate> & <gpsTime> values indicate the Date/Time of when the <gpsLatitude> & <gpsLongitude> values were captured.

consignment. **<gpsTime>**	String	Optional	11:11:00.000+01:00	The <gpsDate> & <gpsTime> values indicate the Date/Time of when the <gpsLatitude> & <gpsLongitude> values were captured.
consignment. **<truckLicensePlate>**	String	Optional		Available only for some NTB shipments, on request.
consignment. **<trailerLicensePlate>**	String	Optional		Available only for some NTB shipments, on request.
consignment. **<plannedPickupDate>**	String	Optional	2020-05-05+01:00	Available only for some NTB shipments, on request.
consignment. **<plannedPickupTime>**	String	Optional	11:11:00.000+01:00	Available only for some NTB shipments, on request.
consignment. **<plannedDeliveryDate>**	String	Optional	2020-05-05+01:00	Available only for some NTB shipments, on request.
consignment. **<plannedDeliveryTime>**	String	Optional	11:11:00.000+01:00	Available only for some NTB shipments, on request.
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	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

3.2.4 Example Request & Response

Example 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>
```

Example 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>
```

```xml
        </eventKey>
        <eventDescription>Delivered</eventDescription>
        <eventDate>2024-02-08+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>2024-02-07+01:00</pickupDate>
    <deliveredDate>2024-02-08+01:00</deliveredDate>
    <receivedDate>2024-02-08+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>2024-02-07+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>2024-02-07+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>2024-02-07+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>2024-02-08+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>2024-02-08+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>2024-02-08+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 shipments if multiple shipments have same reference.

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 with all Customer References on a Shipment, 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

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 In case a shipment has multiple Customer References, because this <customerReference> parameter only returns 1 single value, it always returns only the first Reference value loaded against a Shipment. If multiple Customer References are required, and if the received <customerReference> is not the required Customer Reference, then Request parameter <referenceDataList> should be used instead, to trigger the full list of all Customer References to be returned.
consignment. <pickupDate>	String	Optional	2020-05-03+01:00	Date Shipment Collected (YYYY-MM-DD). Only included for shipments that have been Collected.
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. <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. <estimatedDeliveryDate>	String	Optional	2020-05-05+01:00	Estimated Delivery Date (YYYY-MM-DD). This Date value may not immediately be available for all Customers, so Customer should check with their local DHL Freight contact to confirm available. This 'EDD' Estimated Delivery Date is determined differently for TBO vs NTB shipments: For TBO shipments, it is based on our DHL Freight Lead-Times, and may be updated during TBO transit, recalculated when shipments scanned Inbound at each Terminal. This TBO EDD is available in all Internatkonal Shipments but not not available for Domestic Shipments in all Countries (currently 6 countries). For NTB shipments, it is based on GPS-Tracking of shipments, where this GPS-Tracking / EDD-Calculation may not be activated for all Customers.

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consignment. **<estimatedDeliveryTime>**	String	Optional	11:11:00.000+01:00	Referring to above description of Estimated Delivery Date, this Estimated Delivery Time is not available for any TBO EDD, it can only be possible for NTB EDD.
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. **<linkToPod>**	String	Optional		The provides a direct URL link to the 'POD' Proof Of Delivery document for the shipment, if available. This POD URL value may not immediately be available for all Customers, so Customer should check with their local DHL Freight contact to confirm available. The provided URL link will display the POD on screen, but by appending **"&view=download"** to end of provided URL will make it instead trigger a download of the POD.
consignment. **<linkToOtherDocuments>**	Container	Optional		
consignment. linkToOtherDocuments. **<linkToOtherDocument>**	Container	Optional		
consignment. linkToOtherDocuments. linkToOtherDocument. **<code>**	String	Optional		A 3-letter code for the Document Type.
consignment. linkToOtherDocuments. linkToOtherDocument. **<name>**	String	Optional		A name description for the Document Type.
consignment. linkToOtherDocuments. linkToOtherDocument. **<link>**	String	Optional		The can provide a direct URL link to multiple other (non POD) documents for the shipment, if available. This Document URL value may not immediately be available for all Customers, so Customer should check with their local DHL Freight contact to confirm available. The provided URL link will display the Document on screen, but by appending **"&view=download"** to end of provided URL will make it instead trigger a download of the Document.
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. **<laterDeliveryTime>**	String	Optional	11:11:00.000+01:00	Appointment Time. If DHL has Booked In the Shipment with the Consignee to be delivered on a preferred date, there may also be a preferred Time available, but a Time is not available for all captured Appointment Dates.
consignment. **<gpsLatitude>**	String	Optional	52.1234	The current most recent GPS Latitude coordinate, where values are normally updated every 15 minutes.This is available only for NTB shipments, where GPS Tracking has been requested by Customer.
consignment. **<gpsLongitude>**	String	Optional	15.1234	The current most recent GPS Longitude coordinate, where values are normally updated every 15 minutes.This is available only for NTB shipments, where GPS Tracking has been requested by Customer.
consignment. **<gpsDate>**	String	Optional	2020-05-05+01:00	The <gpsDate> & <gpsTime> values indicate the Date/Time of when the <gpsLatitude> & <gpsLongitude> values were captured.
consignment. **<gpsTime>**	String	Optional	11:11:00.000+01:00	The <gpsDate> & <gpsTime> values indicate the Date/Time of when the <gpsLatitude> & <gpsLongitude> values were captured.
consignment. **<truckLicensePlate>**	String	Optional		Available only for some NTB shipments, on request.

consignment. <trailerLicensePlate>	String	Optional		Available only for some NTB shipments, on request.
consignment. <plannedPickupDate>	String	Optional	2020-05-05+01:00	Available only for some NTB shipments, on request.
consignment. <plannedPickupTime>	String	Optional	11:11:00.000+01:00	Available only for some NTB shipments, on request.
consignment. <plannedDeliveryDate>	String	Optional	2020-05-05+01:00	Available only for some NTB shipments, on request.
consignment. <plannedDeliveryTime>	String	Optional	11:11:00.000+01:00	Available only for some NTB shipments, on request.
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. <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+01:0 0	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

Example GetConsignmentByReference 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>
```

Example 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>2024-02-08+01:00</eventDate>
```

```xml
                    <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>2024-02-07+01:00</pickupDate>
                <deliveredDate>2024-02-08+01:00</deliveredDate>
                <receivedDate>2024-02-08+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>2024-02-07+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>2024-02-07+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>2024-02-07+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>2024-02-08+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>2024-02-08+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>
```

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```
                <reasonCode>0</reasonCode>
            </eventKey>
            <eventDescription>Delivered</eventDescription>
            <eventDate>2024-02-08+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 provided 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.

- Recommended usage - for Scheduled Process (automatically retrieve updates):

  Although the multiple optional Request parameters offered allow this operation to be used in different ways, the most common usage of this operation is with the <updateDateRange> parameters in a scheduled process solution - for example sending 1 API Request every 1 hour to automatically retrieve all new Tracking Events & shipment-updates that have occurred since previous scheduled process sent previous API Request 1 hour previously.

  This solution avoids:

  o more complicated less efficient _polling solutions_, involving sending many API Requests (1 API Request for each shipment, to Operations GetConsignmentsByIdentifier / GetConsignmentsByReference), very often returning the same Event History every time, with no updates since previous scheduled API Request for Shipment
  o failing API Requests sent for specific Shipment IDs / References, where no matching Shipments can be found with provided ID / Reference
  o any requirement for development of logic to stop sending API Requests for a Shipment (after Delivered / period of time).

- Usage for Scheduled Processes (automatically retrieve & store updates):

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

  By using the 2 optional Date/Time-Range <updateDateRange> parameters described below, with the same Date/Time-Range sent all <updateDateRange> parameters, a scheduled process can be implemented to only receive new/updated Shipments & new Events since the scheduled processed previously ran, so that the local Customer solution receives only the

new/updated Shipments & new 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 updated Shipments (updated since last scheduled process), updated with:

A) new Tracking Events <eventHistory>

This is the primary usage of <updateDateRange>, where the additional <eventHistory>.<updateDateRange> (see **(2)** described below) allows setup of a delta interface solution (most common solution), so that the Response include only the new <eventHistory> Tracking Events (not full <eventHistory> every time shipment updated).

B) new POD URLs (or other Document URLs possible)

This usage may be not be activated for all API solutions.

This allows API Responses to be returned for shipments soon after a new POD (or other Document) URL becomes available.

In such cases, it may be that the API Response includes no new <eventHistory> (when a POD/Document becomes available, there may be no new Tracking Event/Milestone during same time of <updateDateRange>.

C) new/updated EDD 'Estimated Delivery Date'

This usage may be not be activated for all API solutions.

This allows API Responses to be returned for shipments soon after an EDD 'Estimated Delivery Date' is determined/updated.

In such cases, it may be that the API Response includes no new <eventHistory> (when EDD 'Estimated Delivery Date' is determined/updated, there may be no new Tracking Event/Milestone during same time of <updateDateRange>.

D) GPS updates

This usage may be not be activated for all API solutions.

This allows API Responses to be returned for shipments soon after GPS of (NTB) Shipment is updated.

In majority of cases, the API Response will include no new <eventHistory> (when GPS updated) since majority of NTB Shipments only have 2 Event/Milestones (Collected & Delivered).

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:

<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**.

- Account Numbers are optional:

If there is only one DHL Freight Account Number setup against the used Active Tracing myACT profile, if 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 used Active Tracing myACT profile, then it is possible to send within the WebService Requests the details of specfic 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>.

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 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>. The example Requests in 3.4.4 below shows both a Request with no <accountNumberData> and another with <accountNumberData>.
accountNumberData. **<systemCode>**	String	Optional / Required	DEM	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: - Code „CC" - Code „EVO" - Code „AX" - Code „UNI" 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.
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	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). It is recommended to send value "ALL" to prevent any risk of some of your shipments not being identified.
<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	The search range in days of the latest Shipment Status update date. Filtering with this criteria will then return only shipments where the last event update occurred within the last [value of eventDateRange]-days.
\<pickupDateRange\>	Int	Optional	1	The search range in days of the Pickup date. Filtering with this criteria will then return only shipments with a Pickup date within the last [value of eventDateRange]-days. The higher the range is the higher is the negative influence on the response time
\<updateDateRange\>	Container	Optional		If updateDateRangeFrom and updateDateRangeTill is filled with a valid date or date/time value the result will only contain shipments where a new Tracking Event \<eventHistory\> has become available (or 1 of the shipment-details described as (B) to (D) in Section 3.4.1 has updated) within this date/time-range, or date-range * (in CET). To avoid getting one shipment/event multiple times in several requests the DateRangeFrom should be the DateRangeTill from the last request.
updateDateRange. **\<dateRangeFrom\>**	Date/Time	Optional	2020-05-12 2020-05-12T14:15:00	The From date/time for your range (in CET). 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 events / updated Shipments since previous process. * If updateDateRange.\<dateRangeFrom\> is not set 1970-01-01 will be used as default
updateDateRange. **\<dateRangeTill\>**	Date/Time	Optional	2020-10-26 2020-05-12T15:15:00	The To date/time for your range (in CET). If used in a scheduled process, this should be the current date/time of when the scheduled process currently running. * If updateDateRange.\<dateRangeTill\> is not set the current timestamp will be used. * If only Date value (no Time value) included, date-range will not include \<dateRangeTill\> Date.
\<eventHistory\>	Container	Optional	\<eventHistory/\>	If \<eventHistory/\> included (with no \<eventDateRange\> or \<updateDateRange\> parameters), Responses will include the full event history, for all shipments found. If \<eventHistory\> included with optional \<eventDateRange\> or \<updateDateRange\> parameters , Responses will include only the event history that became available within this specified date/time-range, or date-range*, for all shipments found.
eventHistory. **\<eventDateRange\>**	Container	Optional		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.

eventHistory. eventDateRange. **<dateRangeFrom>**	Date/Time	Optional	2020-05-12 2020-05-12T14:15:00	The From date, or date/time, for your range. If eventDateRange.<dateRangeFrom> is not set 1970-01-01 will be used as default
eventHistory. eventDateRange. **<dateRangeTill>**	Date/Time	Optional	2020-10-26 2020-05-12T15:15:00	* 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.
eventHistory. **<updateDateRange>**	Container	Optional		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. To avoid getting one event multiple times in several requests the DateRangeFrom should be the DateRangeTill from the last request.
eventHistory. 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
eventHistory. updateDateRange. **<dateRangeTill>**	Date/Time	Optional	2020-05-12T14:15:00	If updateDateRange.<dateRangeTill> is not set the current timestamp will be used.
<packageList/>	Int	Optional	<packageList/>	This optional parameter requires no value – inclusion of parameter within Request results in Responses including <packageList>, including all Package IDs for every shipment.
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 20 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 EH - DHL Freight Lead Logistics Provider EX - DHL Freight Transport Related Warehousing RC - DHL RailConnect RL - DHL RailLine PI - DHL Parcel International PD - DHL Parcel Domestic HD - DHL Home Delivery

<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 with all Customer References on a Shipment, 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]
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. **<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 In case a shipment has multiple Customer References, because this <customerReference> parameter only returns 1 single value, it always returns only the first Reference value loaded against a Shipment. If multiple Customer References are required, and if the received <customerReference> is not the required Customer Reference, then Request parameter <referenceDataList> should be used instead, to trigger the full list of all Customer References to be returned.
consignment. **<pickupDate>**	String	Optional	2020-05-03+01:00	Date Shipment Collected (YYYY-MM-DD). Only included for shipments that have been Collected.
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. **<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. **<estimatedDeliveryDate>**	String	Optional	2020-05-05+01:00	Estimated Delivery Date (YYYY-MM-DD). This Date value may not immediately be available for all Customers, so Customer should check with their local DHL Freight contact to confirm available. This 'EDD' Estimated Delivery Date is determined differently for TBO vs NTB shipments: For TBO shipments, it is based on our DHL Freight Lead-Times, and may be updated during TBO transit, recalculated when shipments scanned Inbound at each Terminal. This TBO EDD is available in all Internatkonal Shipments but not not available for Domestic Shipments in all Countries (currently 6 countries). For NTB shipments, it is based on GPS-Tracking of shipments, where this GPS-Tracking / EDD-Calculation may not be activated for all Customers.
consignment. **<estimatedDeliveryTime>**	String	Optional	11:11:00.000+01:00	Referring to above description of Estimated Delivery Date, this Estimated Delivery Time is not available for any TBO EDD, it can only be possible for NTB EDD.
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. **<linkToPod>**	String	Optional		The provides a direct URL link to the 'POD' Proof Of Delivery document for the shipment, if available. This POD URL value may not immediately be available for all Customers, so Customer should check with their local DHL Freight contact to confirm available. The provided URL link will display the POD on screen, but by appending **"&view=download"** to end of provided URL will make it instead trigger a download of the POD.
consignment. **<linkToOtherDocuments>**	Container	Optional		
consignment. linkToOtherDocuments. **<linkToOtherDocument>**	Container	Optional		
consignment. linkToOtherDocuments. linkToOtherDocument. **<code>**	String	Optional		A 3-letter code for the Document Type.
consignment. linkToOtherDocuments. linkToOtherDocument. **<name>**	String	Optional		A name description for the Document Type.
consignment. linkToOtherDocuments. linkToOtherDocument. **<link>**	String	Optional		The can provide a direct URL link to multiple other (non POD) documents for the shipment, if available. This Document URL value may not immediately be available for all Customers, so Customer should check with their local DHL Freight contact to confirm available. The provided URL link will display the Document on screen, but by appending **"&view=download"** to end of provided URL will make it instead trigger a download of the Document.
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. **\<laterDeliveryTime>**	String	Optional	11:11:00.000+01:00	Appointment Time. If DHL has Booked In the Shipment with the Consignee to be delivered on a preferred date, there may also be a preferred Time available, but a Time is not available for all captured Appointment Dates.
consignment. **\<gpsLatitude>**	String	Optional	52.1234	The current most recent GPS Latitude coordinate, where values are normally updated every 15 minutes.This is available only for NTB shipments, where GPS Tracking has been requested by Customer.
consignment. **\<gpsLongitude>**	String	Optional	15.1234	The current most recent GPS Longitude coordinate, where values are normally updated every 15 minutes.This is available only for NTB shipments, where GPS Tracking has been requested by Customer.
consignment. **\<gpsDate>**	String	Optional	2020-05-05+01:00	The \<gpsDate> & \<gpsTime> values indicate the Date/Time of when the \<gpsLatitude> & \<gpsLongitude> values were captured.
consignment. **\<gpsTime>**	String	Optional	11:11:00.000+01:00	The \<gpsDate> & \<gpsTime> values indicate the Date/Time of when the \<gpsLatitude> & \<gpsLongitude> values were captured.
consignment. **\<truckLicensePlate>**	String	Optional		Available only for some NTB shipments, on request.
consignment. **\<trailerLicensePlate>**	String	Optional		Available only for some NTB shipments, on request.
consignment. **\<plannedPickupDate>**	String	Optional	2020-05-05+01:00	Available only for some NTB shipments, on request.
consignment. **\<plannedPickupTime>**	String	Optional	11:11:00.000+01:00	Available only for some NTB shipments, on request.
consignment. **\<plannedDeliveryDate>**	String	Optional	2020-05-05+01:00	Available only for some NTB shipments, on request.
consignment. **\<plannedDeliveryTime>**	String	Optional	11:11:00.000+01:00	Available only for some NTB shipments, on request.
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. **\<packageList>**	Container	Optional		
consignment. packageList. **\<packageData>**	Container; repeatable [0..*]	Optional		

consignment.packageList. packageData. **<packageId>**	String	Optional		The Package identifer (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

Example GetConsignmentsByAccountNumbers Request:
– recommended API Request, to retrieve only recent new Events / updated Shipments during a Date/Time range (below example shows a 60-minute time-range, from 18:15 TO 19:15 CET):

```
<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>2024-02-14T18:15:00.000</dateRangeFrom>
                    <dateRangeTill>2024-02-14T19:15:00.000</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>2024-02-14T18:15:00.000</dateRangeFrom>
                            <dateRangeTill>2024-02-14T19:15:00.000</dateRangeTill>
                    </updateDateRange>
            </eventHistory>

<!—Inclusion of <referenceDataList/> within the Request will trigger the Response to return
<referenceDataList/> with a full list of all Customer References on each Shipment -->

            <referenceDataList/>

        </ship:GetConsignmentsByAccountNumbersRequest>

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

To include also Package IDs, and to include also Package-Level tracking Events, add <packageList>, and <packageEventHistory>.<updateDateRange>:

```
        <packageList>
           <packageEventHistory>
               <updateDateRange>
                       <dateRangeFrom>2024-02-14T18:15:00.000</dateRangeFrom>
                       <dateRangeTill>2024-02-14T19:15:00.000</dateRangeTill>
               </updateDateRange>
           </packageEventHistory>
        </packageList>
```

To limit Request to 1 or more Customer Account Numbers, add \<accountNumberData> at top (before \<updateDateRange>):

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

Example GetConsignmentsByAccountNumbers Respone:
– example below shows 2 updated Shipments returned, where:
- ➢ **1st Shipment is TBO Shipment with a new \<eventHistory> event**
- ➢ **2nd Shipment is NTB Shipment with a GPS update, with 2 \<linkToOtherDocuments> URL links**

where both Shipments are Delivered with a \<linkToPod> URL link available for retrieval of PODs:

```
<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>2024-02-08+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>2024-02-07+01:00</pickupDate>
                <estimatedDeliveryDate>2024-02-08+01:00</estimatedDeliveryDate>
                <deliveredDate>2024-02-08+01:00</deliveredDate>
                <receivedDate>2024-02-08+01:00</receivedDate>
                <receivedTime>11:11:00.000+01:00</receivedTime>
                <laterDeliveryDate>2024-02-08+01:00</laterDeliveryDate>
                <laterDeliveryTime>12:00:00.000+01:00</laterDeliveryTime>
                <features>
                    <feature>
                        <featureCode>BOI</featureCode>
```

```xml
            <featureName>Delivery with appointment</featureName>
        </feature>
        <feature>
            <featureCode>POI</featureCode>
            <featureName>Pickup with appointment</featureName>
        </feature>
    </features>
    <referenceDataList>
        <referenceData>
            <reference>A12345</reference>
            <referenceType>CONSIGNEE</referenceType>
        </referenceData>
        <referenceData>
            <reference>B54321</reference>
            <referenceType>CONSIGNOR</referenceType>
        </referenceData>
        <referenceData>
            <reference>1122334455</reference>
            <referenceType>CONSIGNOR</referenceType>
            <referenceSubType>AAO</referenceSubType>
        </referenceData>
        <referenceData>
            <reference>5544332211</reference>
            <referenceType>CONSIGNOR</referenceType>
            <referenceSubType>SRN</referenceSubType>
        </referenceData>
    </referenceDataList>
    <eventHistory>
        <eventData>
            <eventKey>
                <eventCode>21</eventCode>
                <reasonCode>0</reasonCode>
            </eventKey>
            <eventDescription>Delivered</eventDescription>
            <eventDate>2024-02-08+01:00</eventDate>
            <eventTime>11:11:00.000+01:00</eventTime>
            <terminalCode>AAH</terminalCode>
            <terminalName>AACHEN</terminalName>
            <terminalCountry>DE</terminalCountry>
        </eventData>
    </eventHistory>
</consignment>
<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>6200</weight>
    <volume>0.979</volume>
    <loadingMeter>8.20</loadingMeter>
    <numberOfColli>0</numberOfColli>
    <numberOfPallets>10</numberOfPallets>
    <latestEvent>
        <eventKey>
            <eventCode>21</eventCode>
            <reasonCode>0</reasonCode>
        </eventKey>
        <eventDescription>Delivered</eventDescription>
        <eventDate>2024-02-16+01:00</eventDate>
```

```
                <eventTime>12:01:00.000+01:00</eventTime>
                <terminalCode>BRI</terminalCode>
                <terminalName>BARI</terminalName>
                <terminalCountry>IT</terminalCountry>
            </latestEvent>
            <productCode>EF</productCode>
            <productName>DHL Freight EuroLine International</productName>
            <customerReference>20249583006</customerReference>
            <pickupDate>2024-02-07+01:00</pickupDate>
            <fixedDeliveryDate>2024-02-16+01:00</fixedDeliveryDate>
            <estimatedDeliveryDate>2024-02-16+01:00</estimatedDeliveryDate>
            <estimatedDeliveryTime>11:15:00.000+01:00</estimatedDeliveryTime>
            <deliveredDate>2024-02-16+01:00</deliveredDate>
            <receivedBy>MR JOHN SMITH</receivedBy>
            <linkToPod>https://activetracing.dhl.com/DatPublic/doc.do?key=gYPyNWXaafjhf73jof</linkToPod>
            <linkToOtherDocuments>
                <linkToOtherDocument>
                    <code>CEP</code>
                    <name>Customs Export Proof</name>
                    <link>https://activetracing.dhl.com/DatPublic/doc.do?key=5fejt6igjri3b3r9w</link>
                </linkToOtherDocument>
            <linkToOtherDocument>
                    <code>TSO</code>
                    <name>Temperature Control Report</name>
                    <link> https://activetracing.dhl.com/DatPublic/doc.do?key=fjh47rjf54tjqjsy</link>
                </linkToOtherDocument>
            </linkToOtherDocuments>
            <receivedDate>2024-02-16+01:00</receivedDate>
            <receivedTime>12:01:00.000+01:00</receivedTime>
            <gpsLatitude>49.4224</gpsLatitude>
            <gpsLongitude>2.1235</gpsLongitude>
            <gpsDate>2024-02-16+01:00</gpsDate>
            <gpsTime>12:36:57.000+01:00</gpsTime>
            <plannedPickupDate>2024-02-13+01:00</plannedPickupDate>
            <plannedPickupTime>10:00:00.000+01:00</plannedPickupTime>
            <plannedDeliveryDate>2024-02-16+01:00</plannedDeliveryDate>
            <plannedDeliveryTime>10:30:00.000+01:00</plannedDeliveryTime>
            <features>
                <feature>
                    <featureCode>FDD</featureCode>
                    <featureName>Fixed Delivery Date</featureName>
                </feature>
            </features>
            <referenceDataList>
                <referenceData>
                    <reference>A67890</reference>
                    <referenceType>CONSIGNEE</referenceType>
                </referenceData>
                <referenceData>
                    <reference>B09876</reference>
                    <referenceType>CONSIGNOR</referenceType>
                </referenceData>
                <referenceData>
                    <reference>6677889900</reference>
                    <referenceType>CONSIGNOR</referenceType>
                    <referenceSubType>AAO</referenceSubType>
                </referenceData>
                <referenceData>
                    <reference>0099887766</reference>
                    <referenceType>CONSIGNOR</referenceType>
                    <referenceSubType>SRN</referenceSubType>
                </referenceData>
            </referenceDataList>
        </consignment>
      </ns2:GetConsignmentsByAccountNumbersResponse>
   </soap:Body>
</soap:Envelope>
```

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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 Identifer 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.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

3.5.4 Example Request & Response

Example GetLatestEventByIdentifers 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>
```

GetLatestEventByIdentifers 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>2024-02-12+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>2024-02-08+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 will return ePODs (Proof Of Delivery) documents (or some other non-POD documents that may be available) using the given Shipment-IDs (maximum ten ids) and returns the result immediately.

- If the DHL Shipment ID is not known, to retrieve POD/document 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 Identifer 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	Set true if the output format of the ePODs must be PDF. 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. 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.
<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).
documentTypes	Container	Optional		This should only be used in cases where Customer has additional non-POD Document Types available. If this <documentTypes> parameter is implemented, the <filename> of all returned documents (including PODs) will be prefixed with 3-character Doc Type code, for easy identification of each Doc Type returned withn the returned 'epods.zip' file.
documentTypes.<type>	String	Optional	ALL (All Doc Types available) POD (Proof Of Delivery) PND (Pickup Not Done) RND (Refused Not Delivered) TSO (Temperature Script) CEP (Customs Export Proof)	If <type> is set to "ALL", then all Doc Types which DHL have configured to be accessible, and which are available for a Shipment, will be returned. Otherwise, up to 20 specific document types can be included in 1 Request, for examplewe PND / RND / TSO / CEP. If Customer is aware that their Shipments should have other non-POD documents available, then Customer should align with local DHL Freight contact on the type Codes to be used here.
<withoutFileAttachment>	String	Optional		This optional parameter should be used only if there is no requirement for the requested POD/document to be returned, for example to send an API Request just to check that a POD/document exists, without the POD/document actually being returned in the API Response.

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.
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.consignorA	String	Always	53175	Shipper Address - ZIP

ddress. **<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
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 In case a shipment has multiple Customer References, because this <customerReference> parameter only returns 1 single value, it always returns only the first Reference value loaded against a Shipment. If multiple Customer References are required, and if the received <customerReference> is not the required Customer Reference, then Request parameter <referenceDataList> should be used instead, to trigger the full list of all Customer References to be returned.
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. **<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. **<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. **<estimatedDeliveryDate>**	String	Optional	2020-05-05+01:00	Estimated Delivery Date (YYYY-MM-DD). This Date value may not immediately be available for all Customers, so Customer should check with their local DHL Freight contact to confirm available. This 'EDD' Estimated Delivery Date is determined differently for TBO vs NTB shipments: For TBO shipments, it is based on our DHL Freight Lead-Times, and may be updated during TBO transit, recalculated when shipments scanned Inbound at each Terminal. This TBO EDD is available in all Internatkonal Shipments but not not available for Domestic Shipments in all Countries (currently 6 countries). For NTB shipments, it is based on GPS-Tracking of shipments, where this GPS-Tracking / EDD-Calculation may not be activated for all Customers.
consignment. **<estimatedDeliveryTime>**	String	Optional	11:11:00.000+01:00	Referring to above description of Estimated Delivery Date, this Estimated Delivery Time is not available for any TBO EDD, it can only be possible for NTB EDD.
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. **<linkToPod>**	String	Optional		The provides a direct URL link to the 'POD' Proof Of Delivery document for the shipment, if available. This POD URL value may not immediately be available for all Customers, so Customer should check with their local DHL Freight contact to confirm available. The provided URL link will display the POD on screen, but by appending **"&view=download"** to end of provided URL will make it instead trigger a download of the POD.
consignment. **<linkToOtherDocuments>**	Container	Optional		
consignment. linkToOtherDocuments. **<linkToOtherDocument>**	Container	Optional		
consignment. linkToOtherDocuments. linkToOtherDocument. **<code>**	String	Optional		A 3-letter code for the Document Type.
consignment. linkToOtherDocuments. linkToOtherDocument. **<name>**	String	Optional		A name description for the Document Type.
consignment. linkToOtherDocuments. linkToOtherDocument. **<link>**	String	Optional		The can provide a direct URL link to multiple other (non POD) documents for the shipment, if available. This Document URL value may not immediately be available for all Customers, so Customer should check with their local DHL Freight contact to confirm available. The provided URL link will display the Document on screen, but by appending **"&view=download"** to end of provided URL will make it instead trigger a download of the Document.
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. **<laterDeliveryTime>**	String	Optional	11:11:00.000+01:00	Appointment Time. If DHL has Booked In the Shipment with the Consignee to be delivered on a preferred date, there may also be a preferred Time available, but a Time is not available for all captured Appointment Dates.
consignment. **<gpsLatitude>**	String	Optional	52.1234	The current most recent GPS Latitude coordinate, where values are normally updated every 15 minutes.This is available only for NTB shipments, where GPS Tracking has been requested by Customer.
consignment. **<gpsLongitude>**	String	Optional	15.1234	The current most recent GPS Longitude coordinate, where values are normally updated every 15 minutes.This is available only for NTB shipments, where GPS Tracking has been requested by Customer.
consignment. **<gpsDate>**	String	Optional	2020-05-05+01:00	The <gpsDate> & <gpsTime> values indicate the Date/Time of when the <gpsLatitude> & <gpsLongitude> values were captured.
consignment. **<gpsTime>**	String	Optional	11:11:00.000+01:00	The <gpsDate> & <gpsTime> values indicate the Date/Time of when the <gpsLatitude> & <gpsLongitude> values were captured.
consignment. **<truckLicensePlate>**	String	Optional		Available only for some NTB shipments, on request.
consignment. **<trailerLicensePlate>**	String	Optional		Available only for some NTB shipments, on request.

consignment. <plannedPickupDate>	String	Optional	2020-05-05+01:00	Available only for some NTB shipments, on request.
consignment. <plannedPickupTime>	String	Optional	11:11:00.000+01:00	Available only for some NTB shipments, on request.
consignment. <plannedDeliveryDate>	String	Optional	2020-05-05+01:00	Available only for some NTB shipments, on request.
consignment. <plannedDeliveryTime>	String	Optional	11:11:00.000+01:00	Available only for some NTB shipments, on request.
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.referenceData List.referenceData. <reference>	String	Optional	DEM2021020702	The value of the Consignor or Consignee Reference.
consignment.referenceData List.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.referenceData List.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.ePODSearchDet ail.consignment.eventHistor y.eventData.eventKey. <eventCode>	String	Always	13	[Not relevant for Customer usage]
ePodSearch.ePODSearchDet ail.consignment.eventHistor y.eventData.eventKey. <reasonCode>	String	Always	0	[Not relevant for Customer usage]
ePodSearch.ePODSearchDet ail.consignment.eventHistor y.eventData.eventKey. <eventDescription>	String	Always	Collected	Event Description
ePodSearch.ePODSearchDet ail.consignment.eventHistor y.eventData.eventKey. <eventDate>	String	Always	2020-05-03+01:00	Event Date (YYYY-MM-DD)
ePodSearch.ePODSearchDet ail.consignment.eventHistor y.eventData.eventKey. <eventTime>	String	Always	10:16:00.000+01:00	Event Time (HH:MM)
ePodSearch.ePODSearchDet ail.consignment.eventHistor y.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	Note: in case multiple PODs/Documents are returned for 1 Shipment (where multiple Documents are not sent in 1 single PDF document, with usage of optional Request parameter \<ePodConvertedToPDF>), this \<filename> will be suffixed with a File Counter, for example "LONEC1234567_1.pdf", "LONEC1234567_2.png" etc). Note: in case optional Request parameter \<documentTypes> is used, this \<filename> will be prefixed with 3 character code Doc Type indicator, for example "POD- LONEC1234567.pdf".
ePodSearch. **\<ePODZipDFile>**	XOP	Always	\<xop:Include href="cid:3f367ba8-c154-4f89-92f7-0c87ae4ce1fa-5@cxf.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) / Document files.

3.6.4 Example Request & Response

Example 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>

<!--In addition to requesting the POD document (above), the below optional additional <documentTypes>
allows the Request also of some additional Document Types, but where Customer should align with DHL
Freight to check what other Documents types may be available on Customers' shipments.
This <documentTypes> should not be included/needed for most POD-only solutions.-->

            <documentTypes>
                <!--0 to 20 repetitions:-->
                <type>POD</type>
                <type>PND</type>
                <type>RND</type>
            </documentTypes>
        </ship:GetEpodsSyncRequest>
    </soapenv:Body>
</soapenv:Envelope>
```

Example GetEpodsSync Response:

```xml
<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>
                <ePODSearchDetail>
                    <messageId>14</messageId>
                    <messageText>ePOD not available in any ePOD archives</messageText>
                    <consigment>
                        <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>2024-02-08+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>2024-02-07+01:00</pickupDate>
                        <deliveredDate>2024-02-08+01:00</deliveredDate>
                        <receivedDate>2024-02-08+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>2024-02-07+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>2024-02-07+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>2024-02-07+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>2024-02-08+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>2024-02-08+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>2024-02-08+01:00</eventDate>
                    <eventTime>11:11:00.000+01:00</eventTime>
                    <terminalCode>AAH</terminalCode>
                    <terminalName>AACHEN</terminalName>
                    <terminalCountry>DE</terminalCountry>
                </eventData>
              </eventHistory>
            </consigment>
            <filename>DEM2021020702.pdf</filename>
          </ePODSearchDetail>
          <ePODZipFile>
              <xop:Include href="cid:245bc5d2-a049-45c8-8810-245f1eac2686-9844@cxf.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 successful implementation of the AcT API WebServices.

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