

MYDHL API

BREXIT IMPLICATIONS

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AUDIENCE

This document is intended to serve as a guide to assist DHL customers and third party developers during the integration development process. The primary audience of this document is intended to be a trading partner's technical resources and internal DHL MyDHL API support staff.

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1 INTRODUCTION

This document is to support customers making changes to their MyDHL API solution in advance of the new trading relationship between UK and the EU from 2021.

All documentation and specifications for the information below can be obtained from:

SOAP: For the latest MyDHL API SOAP XML Development specs – please contact your local DHL Express IT representative

REST: <https://developer.dhl.com/api-reference/dhl-express-mydhl-api>

2 PRODUCT CODE CHANGES

If you're currently only shipping within the EU now is the time to familiarize yourself with customs procedures. If you're currently trading outside the EU, you'll already be familiar with customs requirements. New customs procedures are scheduled to apply when moving goods between the UK and the EU from 2021. The following products will then no longer be able to be used when shipping between the United Kingdom and EU countries.

- DHL Express Worldwide (eu) – ECX
- DHL Economy Select (eu) – ESU

The products used instead would be as follows

2020				2021			
Product Name	Content Code	Global Product Code	Local Product Code (if used)	Product Name	Content Code	Global Product Code	Local Product Code (if used)
DHL Express Worldwide (eu)	ECX	U	Check with your local DHL Express Contact	DHL Express Worldwide (doc)	DOX	D	Check with your local DHL Express Contact
				DHL Express Worldwide (nondoc)	WPX	P	Check with your local DHL Express

							Contact
DHL Economy Select (eu)	ESU	W	Check with your local DHL Express Contact	DHL Economy Select (nondoc)	ESI	H	Check with your local DHL Express Contact

In addition to this, when using Timed services, the following changes to product code would be made for **DUTIABLE SHIPMENTS ONLY**

2020				2021			
Product Name	Content Code	Global Product Code	Local Product Code (if used)	Product Name	Content Code	Global Product Code	Local Product Code (if used)
DHL Express 09:00 (doc)	TDK	K	Check with your local DHL Express Contact	DHL Express 09:00 (nondoc)	TDE	E	Check with your local DHL Express Contact
DHL Express 12:00 (doc)	TDT	T	Check with your local DHL Express Contact	DHL Express 12:00 (nondoc)	TDY	Y	Check with your local DHL Express Contact

3 RATE REQUEST

Included in the request, there is an element called **Content**.

Valid values are:

- DOCUMENTS for Non-Dutiable shipments
- NON_DOCUMENTS for Dutiable shipments

Previously, when requesting capability for shipments between EU countries, DOCUMENTS was always used. Moving forward this value will be NON_DOCUMENTS if the contents are dutiable and will incur duty and tax charges.

DOCUMENTS would still be used if the contents are documents only and will not incur duty and tax charges.

The products returned in the capability response are determined based on this value.

Depending on the nature of the contents of the shipment, if customs duties are applicable, different products may be offered by the DHL web services

Examples for each service type available with MyDHL API:

3.1 SOAP

```
<Content>NON_DOCUMENTS</Content>
```

3.2 REST V1

```
"Content": "NON_DOCUMENTS",
```

3.3 REST V2

The Rest v2 service utilises a different method with a Boolean true (dutiable) or false (non-dutiable) flag using the **isCustomsDeclarable** element

Example:

```
"isCustomsDeclarable": true,
```

4 SHIPMENT REQUEST

4.1 MANDATORY ELEMENTS FOR DUTIABLE SHIPMENTS

4.1.1 BILLING ACCOUNTS

For non-document/dutiable products the DHL account number is specified to be charged for duties and tax payments.

SOAP and RESTv1

- **<Billing>**
 - **<DutyAndTaxPayerAccountNumber>**

RESTv2

- **"accounts"**
 - **"typeCode" "duties-taxes"**
 - **"number"**

4.1.2 TERMS OF TRADE (INCOTERMS)

It is necessary to specify the correct terms of trade (incoterms) for the shipment.

SOAP and RESTv1

- **<PaymentInfo>**

RESTv2

- **"incoterm"**

Example values to use:

- DDP – Delivery Duty Paid
- DAP – Delivered At Place (previously DDU)

4.1.3 DESCRIPTION AND VALUE DECLARATIONS

This is necessary for all dutiable/non-document shipments to specify the declared value, currency and content description for customs clearance and billing purposes.

SOAP and RESTv1

- **<Currency>**
- **<Commodities>**
 - **<Description>**
 - **<CustomsValue>**

RESTv2

- **"declaredValue"**
- **"declaredValueCurrency"**
- **"description"**

4.1.4 SPECIFYING DOCUMENTS OR NON_DOCUMENTS

Previously, when creating shipments between EU countries, DOCUMENTS (non_dutiable) was always used. Moving forward this value will be NON_DOCUMENTS (dutiable) if the contents are dutiable and will incur duty and tax charges.

DOCUMENTS would still be used if the contents are documents only and will not incur duty and tax charges.

SOAP and RESTv1

- **<Content>**

RESTv2

- **"isCustomsDeclarable"** values are true (dutiable) or false (non_dutiable)

*Note: For dutiable shipments an extra "Waybill Doc" (archive label) will be provided. This must be handed to the collection courier with the commercial documentation. Unless PLT is used where this will be transmitted electronically and not require printing.

4.2 IMPORTANT ADDITIONAL ELEMENTS

Upcoming EU Regulatory Changes in 2021 will require shippers to provide complete & accurate full line item information (i.e. goods descriptions, HS code & value) and as such it is important to include the **<ExportDeclaration>**, including **line items**, elements in any shipment request messages.

4.3 USING THE DUTIES & TAXES PAID SERVICE

Where applicable, to ensure that any Duties & Taxes incurred when shipping a declarable product are paid by the shipper, additional information is required in the request message to correctly support DTP shipments.

SOAP and RESTv1

- **<ShippingPaymentType>** set to 'S'
- **<DutyAndTaxPayerAccountNumber>** DHL account number to be billed
- **<PaymentInfo>** set to 'DDP'
- **<ServiceType>** in the SpecialServices section set to 'DD'

RESTv2

- **"accounts"**
 - **"typeCode"** value is "duties-taxes"
 - **"number"** DHL account number to be billed
- **"incoterm"** set to "DDP"
- **"serviceCode"** in the valueAddedServices section set to "DD"

5 CUSTOMS PAPERWORK REQUIREMENTS

All dutiable shipments must be accompanied by paperwork for Customs. Further information can be found on the DHL website. We strongly recommend to use our Paperless Trade (PLT) function as explained below:

https://www.dhl.com/en/express/customs_support.html

DHL's **Paperless Trade (PLT)** service allows you to electronically transmit Commercial and ProForma Invoices, eliminating the need to print and physically attach them to your shipments to many destinations. As well as saving valuable time when preparing shipments, this free service will help save on paper and printing costs, whilst also making a positive contribution to the environment.

5.1 RECEIVING CUSTOMS DOCUMENTATION IMAGES IN THE CREATESHIPMENT RESPONSE

It is now possible to request base64 encoded customs documentation images to be returned in the Shipment Response message.

5.1.1 REQUEST

The following elements/sections are used to specify the content and type required for the commercial documentation:

SOAP and RESTv1

- **<CustomsInvoiceTemplate>**
- **<PaperlessTradeEnabled>**
- **<LabelOptions>**
 - **<DHLCustomsInvoiceLanguageCode>**
 - **<DHLCustomsInvoiceType>**
- **<InternationalDetail>**
 - **<Commodities>**
 - **<Content>**
 - **<ExportDeclaration>**

RESTv2

- "imageOptions"
 - "typeCode": "invoice"
 - "isRequested": true
 - "invoiceType": "commercial"
- "exportDeclaration"

5.1.2 RESPONSE

The base64 string for the customs documentation image will be provided in the following element of the response:

SOAP and RESTv1

- <Documents>
 - <Document>
 - <DocumentName>Commercial Invoice</DocumentName>
 - <DocumentFormat>PDF</DocumentFormat>
 - <DocumentImage>**Base64Image**</DocumentImage>

RESTv2

- "documents":
 - "imageFormat": "PDF",
 - "content": "**Base64Image**",
 - "typeCode": "invoice"