Specifications for programming shipping logistics systems

Part G – DHL Express
Appendix customs duty

Doc. Ref:	Teil G_DHL Express_Appendix_2_Customs_1.5.3_EN.docx
Version:	1.5.3
Status:	Final
Created:	Thilo Bühl / Eugen Klein
Date:	14.05.2025

Change history

Version	Date	Type of processing	Processor
1.0	02.03.2022	Final version	E. Klein, T. Bühl
1.0.1	04.03.2022	Fixes	E. Klein, T. Bühl
1.0.2	07.03.2022	Bug fix: XML-PI commodity tariff number import, only one currency possible per shipment (customs invoice data)	E. Klein, T. Bühl
1.0.3	01.04.2022	Correction DHL country code, commodity tariff number description adjusted, SOAP table error correction	E. Klein, T. Bühl
1.1	02.01.2023	Fixed bug gross / net weight (qualifier replaced) //SG37/MEA/6314[@6313='AAE'], Customization Invoice from API 4.6.2, Place of Incoterm recommended instead of mandatory, table formats adjusted	E. Klein, T. Bühl
1.2	01.03.2023	MRN in new segment (API) section 3.3.1, End Recipient Role Added Section 3.3.5, Customized API Examples	T. Bühl
1.3	24.03.2023	Commodity tariff number Ex or import now mandatory, instead of import	E. Klein, T. Bühl
1.3.1	27.07.2023	Other amounts wording adjusted.	T. Bühl
1.3.2	16.11.2023	Fixed bug in table linking section 4.6.1	T. Bühl
1.3.3	12.02.2024	Multiple invoices possible by exception Section 3.2, Tables Customized, Example Rate Request REST	T. Bühl
1.5.3	12.05.2025	API SOAP+XML-PI removed, fundamental revision, ADI added, Customization Billing Service - Section 5 New - Option item value instead of article value section 3.4.3	T. Bühl, Daniel Hill, Stephanie Nawroth, Eugen Klein

QS

Version	Date	
1.0.2	18.02.2023	Eugen Klein
1.5.3	13.05.2025	Stephanie Nawroth, Daniel Hill, Eugen Klein

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1 Page Content

This document describes the implementation of dutiable shipments in a shipping logistics system.

1.1 DHL Definitions

1.1.1 Handling Feature Code

- 3-digit DHL code, printed on the transport label in the handling block (white lettering on a black background)

1.1.2 DHL Service Code

- 2-digit DHL service codes that are included in the EDI record or API request.

1.1.3 MyDHL API

- The MyDHL API RESTfull web service is the standard web service of DHL Express.
- Not all country-specific features and requirements are included in this document. Please contact your DHL Express contact person in the respective country.
- The XML formats (SOAP and XML-PI) are no longer covered by this specification. If you have any questions about these formats, please contact your DHL representative.
- Information about the MyDHL API web service can be found in the developer portal https://developer.dhl.com/api-reference/dhl-express-mydhl-api

1.1.4 EDIFACT IFTMIND01B

- The message format to be used for this is the IFTMIN_D01B_V99 in the current version.
- The document "EDIFACT_Nachricht_IFTMIN_D01B_V99_XX_DE.pdf" describes the structure, naming conventions, etc. in detail.
- Data transfer to DHL Express is only possible via SFTP (sftp3.dhl.com)

1.1.5 Legend in the document

- Sections marked with * have been changed or newly added.

1.2 DHL Customs Definitions

1.2.1 Dutiable shipments

- Shipping of dutiable goods from Germany to countries outside the European single market. The definition of dutiable goods is defined by the authorities of the countries of departure and destination for DHL Express.

1.2.2 Customs invoice

- Document used for customs clearance, usually all dutiable goods (items) are listed there including the value of the goods.
- Can be available as a commercial invoice or proforma invoice.

1.2.3 Other customs documents

- Documents the authenticity, origin or customs relief. (e.g. certificate of origin, ATR, dangerous goods documents, T1 document).
- As a rule, they must accompany the show in their original form.

1.2.4 ATLAS / ABD / MRN

- ATLAS - Automated Tariff and Local Customs Clearance System
- ABD – Export Accompanying Document
  - According to the specifications of the German authorities, goods must be declared before export or import. The two-stage procedure requires the use of the ATLAS system. An ABD is created, and a unique number is assigned (MRN).
- MRN – Master Reference Number
  - Structure MRN = (year – country – office of departure – sequential number – procedure identifier – check digit) 21-DE-3302-12345678-E-9

1.2.5 Customs invoice data - CIN data

- C= Commercial / I = Invoice / N = iNtegration
- Information that DHL needs for customs clearance and security verification of the contents of the shipment.
- Consists of the following areas

1.2.5.1 Invoice header and additional customs-relevant data

- header contents of the customs invoice as well as further information. Mainly describes the invoice header as well as other customs-relevant content that is not necessarily part of the invoice, e.g. other parties such as exporter or importer.

1.2.5.2 Invoice items

- Information about the individual items or articles – Line Item.

1.2.6 Paperless Trade Shipping

- Denotes the shipment, without printed customs accompanying documents on the shipment.

2 Requirements for the clearance of dutiable shipments

2.1 Shipment data

- Shipment data according to DHL specifications (e.g. addresses, product, service, dimensions and weights, etc.)

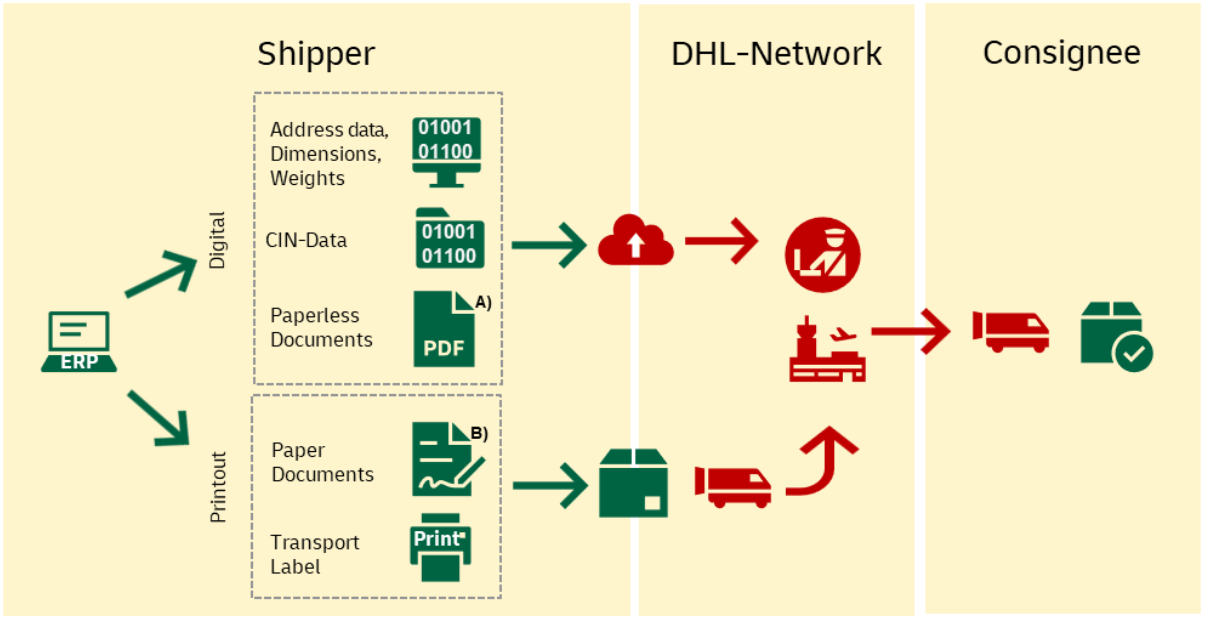
2.2 Customs accompanying documents

- All documents must be transferred as PLT documents if the country of departure and destination supports the PLT service.
- Customs invoice as a document [1]
- ABD as a document [2] – if ATLAS procedure is used.
- Other customs documents (preference papers, etc.) printed out and attached to the shipment [3]

2.3 Customs invoice data

- Customs invoice data (CIN and other customs-relevant data)

2.4 Schematic representation of customs clearance



A) Customs invoice, ABD, additional customs documents
B) additional customs documents e.g. A.TR, certificate of origin, dangerous goods documents

[1] For non-PLT-capable consignments, enclose 2 prints with the consignment.

[2] For non-PLT-capable consignments, enclose 1 printed out 1 consignment with the consignment.

[3] Additional transmission as a PCT document is necessary.

3 Customs invoice data in the shipping logistics system

This chapter describes the implementation of customs invoice data. This CIN data is mandatory for every dutiable shipment.

3.1 Quality and accuracy of customs invoice data

- Accurate and correct information, especially the description of the goods and the commodity tariff number, facilitates the correct and fast customs clearance in the destination country and the determination of import duties.
- The sender bears complete responsibility for this, also vis-à-vis the authorities in the destination country.

3.2 Multiple invoices per shipment

- Only one invoice including data can be transmitted per shipment.
- After consultation and approval by DHL Express, more than one invoice record can be handed over per shipment.
- Please contact your DHL Express contact person.

3.3 Customs relevant data (CIN)

3.3.1 Master Reference Number (MRN)

- A maximum of 19 MRN can be inserted.

3.3.2 Invoice header

- The invoice header contains information such as the name and address of the supplier (seller/sender) and the recipient of the service (recipient or buyer)
- Information such as date of issue, invoice number and amounts that refer to the invoice and not to the line items.

3.3.2.1 Overview of the individual fields as well as information on the status

Element	Status	Explanation
Invoice	Mandatory	Date of creation of the invoice
Invoice number	Mandatory	Invoice number for commercial invoice
		In the case of proforma, the AWB number of the shipment. In the case of MyDHL API, the AWB number is used by the API.
Incoterm	Mandatory	International Commercial Terms / Delivery Terms
Destination Incoterm	Recommended	Destination Delivery term (if printed on invoice = mandatory)
Reason for export	Mandatory	Reason for export
Additional references to the invoice	Optional	e.g.: "Order number" or "Delivery note number"
Total Value Invoice incl. Currency	Mandatory	Total value of the invoice: Items and surcharges. In MyDHL API, this is calculated from the individual items. Only 1 currency per shipment possible.
Sum of all positions incl. currency	Recommended	Total value of all positions. Only 1 currency per shipment possible.
		Is calculated from the individual items in MyDHL API
Other amounts incl. currency	Recommended	Amounts/surcharges such as "freight costs", "Insurance" or "Packaging", (if printed on invoice = mandatory)

3.3.3 Invoice items

- Describes the contents and status of the items of an invoice.

Element	Status	Explanation / Example
Item number	Mandatory	Sequential number
Description of the goods	Mandatory	Meaningful, detailed product description in English to match the HS code
Position reference	Optional	e.g.: Manufacturer's part number
Import Commodity Tariff Number	Mandatory	One of the two commodity tariff numbers is mandatory. If both commodity tariff numbers are present, both must be handed over. At least 6-digit HS code (WZO – World Customs Organization).
Export Commodity Tariff Number[4]		
Origin	Mandatory	Country of Manufacture
Number/Quantity	Mandatory	2
Number/Quantity Unit of Measure	Mandatory	PCS
Price per item	Mandatory	11,45
Price per item Currency	Mandatory	EUR
Net weight per position	Mandatory	0,155
Weight gross per position	Recommended	For API, the field is mandatory and can be filled with net value
Weight Unit of Measure	Mandatory	KG or LB

3.3.4 Other customs-relevant data

- If other preference documents accompany the shipment, such as T1 or A.TR certificate, it is recommended to pass the unique document ID and document type.
- If the customs invoice is created for a specific purpose, e.g. only for import, we recommend transferring a document function.
  - Recommended document function is BOTH. This ensures that the customs invoice data can be used for import and export purposes.

Element	Status	Explanation
MRN	Mandatory	If an ATLAS method is used
ID/Reference of Other Documents	Recommended	Document ID (reference or number of a preference document) and document type
Trade Transaction Type	Recommended	Private / Business
Document function	Optional	Import / Export / Both
		The invoice content CIN is usually used for import and export purposes, so it is generally recommended to use "Both – IMPORT and EXPORT" as a CIN document function.

[4] For ATLAS procedures, the 8-digit commodity tariff number (Combined Nomenclature) is required

3.3.5 Details of other participants / parties

- If other parties are involved, such as brokers or importers of record, they must be handed over, including complete address and contact details as well as possible registration numbers.
- The tables contain possible roles and mandatory fields in the address data.
- The recipient and sender roles are already provided by the shipment record.

3.3.5.1 Table of other participants / parties

Status	Role German	Role English
Mandatory	Consignor	Shipper
Mandatory	Receiver	Receiver
Optional	Buyer	Buyer
Optional	Exporter	Exporter
Optional	Importer	Importer
Optional	Salesman	Seller
Optional	Brocker/Mediator	Broker
Optional	Customs declarant	Declarant
Optional	Promoter	Carrier
Optional	Freight Payer	Payer
Optional	Final recipient*	Ultimate Consignee

3.3.5.2 Elements of other stakeholders / parties – IFTMIN and MyDHL API

Element	Status	Explanation	IFTMIN	MyDHL API
Role	Mandatory	see table Roles	SG11/NAD/3035	customerDetails/[role]
Company name	Mandatory	official name of the company	SG11/NAD/3036[1 + 2]	customerDetails/[role]/contactInformation/companyName
Contact Name	Mandatory		SG11/SG12/CTA/3412[@3139='AC']	customerDetails/[role]/contactInformation/fullName
Street and house number	Mandatory	Street and house number	SG11/NAD/3042[1]	customerDetails/[role]/postalAddress/addressLine1
Additional address information	optional		SG11/NAD/3042[2 + 3]	customerDetails/[role]/postalAddress/addressLine2 & addressLine3
City	Mandatory		SG11/NAD/3164	customerDetails/[role]/postalAddress/cityName
Postal code	Mandatory	If DHL used postal code in the country	SG11/NAD/3251	customerDetails/[role]/postalAddress/postalCode
State	optional		SG11/NAD/3228	customerDetails/[role]/postalAddress/countyName
State Code	optional		SG11/NAD/3229	customerDetails/[role]/postalAddress/provinceCode
DHL country code	Mandatory	DHL country code (2 - digits)	SG11/NAD/3207	customerDetails/[role]/postalAddress/countryCode
Telephone	Mandatory	At least 1 information	SG11/SG12/CTA/3148[@3155='TE']	customerDetails/[role]/contactInformation/phone
Mobile phone			SG11/SG12/CTA/3148[@3155='AL']	customerDetails/[role]/contactInformation/mobilePhone
Email			SG11/SG12/CTA/3148[@3155='EM']	customerDetails/[role]/contactInformation/email
Registration	Recommended	DE205672212000	SG11/SG15/RFF/1154	customerDetails/[role]/registrationNumbers/number
Registration Number Type		EORI, Ust.Nr, VAT ID	SG11/SG15/RFF/1153	customerDetails/[role]/registrationNumbers/typeCode
Registration number country		DE – Country code ISO 3166-1 Alpha 2	SG11/SG15/RFF/1156	customerDetails/[role]/registrationNumbers/issuerCountryCode
Trade Transaction Type	Recommended	Personal / Business / Government	SG11/SG13/DOC/1000[@1001='10' & @3055='ZZZ']	customerDetails/[role]/typeCode

3.4 Customs invoice data MyDHL API and EDIFACT

- The following tables break down the most important fields for the respective EDI structure, a complete list of the fields can be found in the respective current specifications. Ask your DHL contact person about this.

3.4.1 CIN Data IFTMIN

Cluster	Element	Duty	Example	IFTMIN
Additional customs-relevant data	MRN number	Mandatory	DE121243343434435343E4	SG3/RFF/[@1153='ABT']
	Documents Type		MRN	SG3/RFF/1154[@1153='ABT']
	ID/Reference of Other Documents	Recommended		SG5/DOC/1001
	ID/Reference of other documents Type			SG5/DOC/1004
	Trade Transaction Type	Recommended	Private / Business	FTX/4440 [@4451='AAI']
	Document function	Optional	Import / Export / Both	SG4/GOR/8323
Invoice header	Invoice	Mandatory	11.01.2022	SG5/DTM/2380[@2005='3']
	Invoice number	Mandatory	Re-12345678	SG5/DOC/1004[@1001='380|325']
	Incoterm	Mandatory	DAP	SG2/DEATH/4053
	Destination Incoterm	Recommended	MUNICH	SG2/LOC/3225[@3227='1']
	Reason for export	Mandatory	ONGOING	FTX/4440 [@4451='CEX']
	Additional Ref. to the invoice	Optional	OrderNumber-4711	SG3/RFF/1153
	Additional Ref. to Invoice Type		UCN	SG3/RFF/1154[@1153='UCN@ANT']
	Sum of all items	Mandatory	110,5	MOA/5004[@5025='79']
	Sum of all positions Currency		EUR	MOA/6345[@5025='79']
	Total Value Invoice	Mandatory	125,75	MOA/5004[@5025='43']
	Total Value Invoice - Currency		EUR	MOA/6345[@5025='43']
	Other amounts	Recommended	10,13	MOA/5004
	Other Amounts Currency		EUR	MOA/6345
	Other Amounts Type		OTH	MOA/5025
Invoice item	Balloon	Mandatory	1	SG37/EQD/8260[@8053='UL']
	Description of the goods	Mandatory	Women's or girls' suits ensembles jackets blazers	SG37/FTX/4440 [@4451='AAA']
	Position reference	Optional	reference line item	SG37/RFF/1154
	Position Type Reference		ON	SG37/RFF/1153
	Import Commodity Tariff Number[1]	Optional	6204.33.1000	SG37/RFF/1154[@1153='HS' & 1156='IM']
	Export Commodity Tariff Number	Mandatory	6204.33.10	SG37/RFF/1154[@1153='HS' & 1156='EX']
	Origin	Mandatory	DE – Country code ISO 3166-1 Alpha 2	SG37/FTX/4440 [@4451='AAH']
	Number/Quantity	Mandatory	2	SG37/SG38/6060[@6063='47']
	Number/Quantity Unit of Measure		PCS	SG37/SG38/QTY/6411[@6063='47']
	Price per item	Mandatory	55,25	SG37/SG38/MOA/5004[@5025='146']
	Price per item Currency		EUR	SG37/SG38/MOA/6345[@5025='146']
	Net weight per position	Mandatory	0,12	SG37/MEA/6314[@6313='AAE']
	Weight gross per position	Recommended	0,125	SG37/MEA/6314[@6313='AAF']
	Weight Unit of Measure	Mandatory	KG or LB	SG37/MEA/6411

[1] If used for import and export, do not insert a qualifier (//SG37/RFF/1154[@1153='HS']).

3.4.2 CIN Data MyDHL API

Cluster	Element	Duty	MyDHL API
Additional customs-relevant data	MRN number	Mandatory	content/exportDeclaration/invoice/customerReferences/typeCode="MRN"
	Documents Type		content/exportDeclaration/invoice/customerReferences/value
	ID/Reference of Other Documents	Recommended	content/exportDeclaration/customsDocuments/typeCode
	ID/Reference of other documents Type		content/exportDeclaration/customsDocuments/value
	Trade Transaction Type	Recommended	content/exportDeclaration/shipmentType
	Document function	Optional	content/exportDeclaration/invoice/function
Invoice header	Invoice	Mandatory	content/exportDeclaration/invoice/date
	Invoice number	Mandatory	content/exportDeclaration/invoice/number
	Incoterm	Mandatory	content/incoterm
	Destination Incoterm	Recommended	content/exportDeclaration/placeOfIncoterm
	Reason for export	Mandatory	content/exportDeclaration/exportReasonType
	Additional Ref. to the invoice	Optional	content/exportDeclaration/invoice/customerReferences/typeCode
	Additional Ref. to Invoice Type		content/exportDeclaration/invoice/customerReferences/value
	Sum of all items	Mandatory	is calculated by API
	Sum of all positions Currency		content/declaredValueCurrency
	Total Value Invoice	Mandatory	content/declaredValue
	Total Value Invoice - Currency		content/declaredValueCurrency
	Other amounts	Recommended	content/exportDeclaration/additionalCharges/value
	Other Amounts Currency		content/declaredValueCurrency
	Other Amounts Type		content/exportDeclaration/additionalCharges/typeCode
Invoice item	Balloon	Mandatory	content/exportDeclaration/lineItems/number
	Description of the goods	Mandatory	content/exportDeclaration/lineItems/description
	Position reference	Optional	content/exportDeclaration/lineItems/customerReferences/value
	Position Type Reference		content/exportDeclaration/lineItems/customerReferences/typeCode
	Import Commodity Tariff Number	Optional	content/exportDeclaration/lineItems/commodityCodes/value [@typeCode='inbound']
	Export Commodity Tariff Number	Mandatory	content/exportDeclaration/lineItems/commodityCodes/value [@typeCode='outbound']
	Origin	Mandatory	content/exportDeclaration/lineItems/manufacturerCountry
	Number/Quantity	Mandatory	content/exportDeclaration/lineItems/quantity/value
	Number/Quantity Unit of Measure		content/exportDeclaration/lineItems/quantity/unitOfMeasurement
	Price per item	Mandatory	content/exportDeclaration/lineItems/price
	Price per item Currency		content/declaredValueCurrency
	Net weight per position	Mandatory	content/exportDeclaration/lineItems/weight/netValue
	Weight gross per position	Recommended	content/exportDeclaration/lineItems/weight/grossValue
	Weight Unit of Measure	Mandatory	content/unitOfMeasurement

3.4.3 Insert value of goods for item instead of item value *

- If there is no item value or the item value has more than 3 decimal places, the item value can be inserted as an alternative (item value multiplied by the number of items).
- HL will then no longer calculate the total value or totals. The shipper is responsible for the correct calculation

3.4.4 Insert item value IFTMIN

- The item value field (price per item - MOA+146) must then not be inserted.

Cluster	Element	Mandatory	IFMIN
Invoice item	Position value	Mandatory	//SG37/SG38/MOA/5004[@5025='38']
	Position value - currency	Mandatory	//SG37/SG38/MOA/6345[@5025='38']
Invoice header	Sum of all positions	Mandatory	//MOA/5004[@5025='79']
	Total of all items - currency	Mandatory	//MOA/6345[@5025='79']
	Total invoice value	Mandatory	//MOA/5004[@5025='43']
	Total invoice value - currency	Mandatory	//MOA/6345[@5025='43']

3.4.4.1 Insert MyDHL API item value (Pre Calculated Value)

- The item value field (price per item) must also be inserted, the value contained is not used for the calculation.
- If the customs invoice is created by the API, see section 0, the item value must be calculated to 3 decimal places and inserted. The value is printed without checking and must therefore be correct.

Cluster	Element	Mandatory	MyDHL API
Invoice item	Price per item	Mandatory	//content/exportDeclaration/lineItems/price
	Item value	Mandatory	//content/exportDeclaration/lineItems/preCalculatedLineItemTotalValue
Invoice header	Sum of all items	Mandatory	//content/exportDeclaration/invoice/preCalculatedTotalValues/preCalculatedTotalGoodsValue
	Total invoice value	Mandatory	//content/exportDeclaration/invoice/preCalculatedTotalValues/preCalculatedTotalInvoiceValue
Shipment level	Currency of all goods values	Mandatory	//content/declaredValueCurrency

4 Paperless Trade (PLT) in the Shipping Logistics System

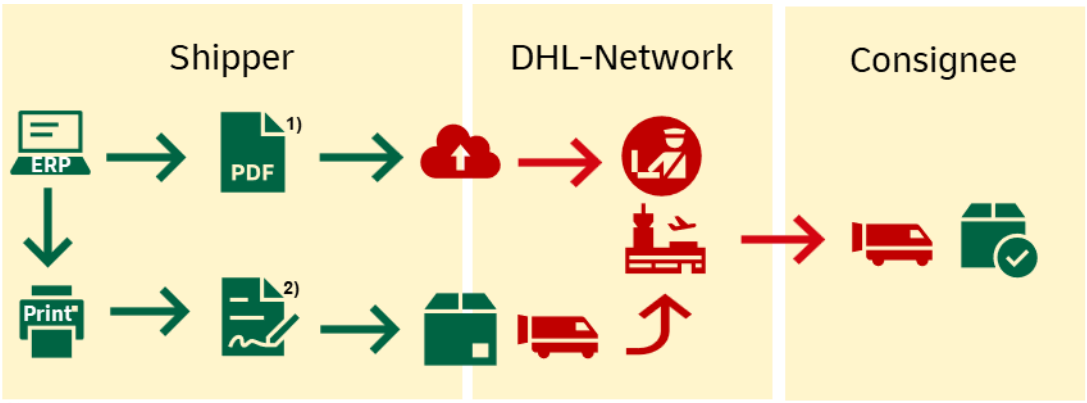
4.1 Paperless Trade Definition

- Paperless trade refers to shipping without printed customs documents on the shipment.
- The customs accompanying documents must be transmitted digitally in file form (e.g. PDF file).
- Certain customs documents may also be required on the shipment – see section 1.2.3.
- For countries with Paperless Trade support, the DHL Service Code for PLT must be inserted.
- Customs accompanying documents do not replace the transmission of customs invoice data (CIN data).
- A customs invoice can optionally be generated from the customs invoice data and used as a PLT document.[6]
- For countries without Paperless Trade support, all export documents must be attached to the shipment.

4.1.1 ADI – Automated Digital Imaging*

- The ADI service must be used for countries without paperless trade support.
- The customs documents are transmitted in the same way as with PLT.
- In addition, the customs invoice must be attached to the shipment, as well as any other customs documents - see section 1.2.3

4.2 Schematic Representation Paperless Trade



1) Customs invoice, ABD, additional customs documents
2) additional customs documents e.g. A.TR, certificate of origin, dangerous goods documents

[6] The responsibility for the accuracy and completeness remains with the sender.

4.3 Paperless Trade availability check (MyDHL API)

- The PLT service is not available in all countries and depends on the country of departure, the destination country and sometimes on the amount of the value of the goods.
- The check whether the target country supports the PLT service is carried out via a web service request.
  - MyDHL API REST = //rates
  - The value of the shipment and the currency must be inserted correctly.
  - If the reply contains the DHL service code "WY", the shipment is PLT-capable.If the DHL Service Code "WY" is included in the response, the shipment is PLT capable.

4.4 Examination Paperless Trade Support (offline)

- Alternatively, a table can be used for testing (see Appendix "country_plt.txt").

4.4.1 Structure "country_plt.txt"

Field	Format	Description
1	AN2	DHL EXPRESS country code
2	AN3	Currency
3	N10	Value limit
4	AN1	PLT Inbound Y/N
5	AN1	PLT Outbound Y/N

4.4.2 Value limit "country_plt.txt"

- The value limit refers to the destination country (PLT inbound).
- PLT service is possible up to the specified value limit.
- If the field is empty, the maximum value of the goods is possible.
- For the maximum value of the goods, please contact your DHL contact person.
  - Example AE (United Arab Emirates), PLT service is possible up to 13,623 USD.
  - Example AM (Armenia), no PLT service possible.

```
Country Code | Currency | Value limit | PLT Inbound Y/N | PLT Outbound Y/N
AD|USD||Y|Y|
AE|USD|13623|Y|Y|
AG|USD|4500|Y|N|
AI|USD||Y|N|
AL|USD||Y|Y|
AM|USD||N|N|
```

4.5 Formats, file size, type, customs documents, MyDHL API and IFTMIN

- If you are using MyDHL API Webservice, the document must be inserted as a Base64 string in the request.
- The file size of all documents must not exceed 10 MB per shipment.

4.5.1 File size and format PLT documents

Element	IFTMIN	MyDHL API
File size	2 MB	2 MB
Format	PDF	PDF
	PNG	PNG
	TIF	TIF
	JPEG	JPEG
		GIF
Type	INV	INV
	CIN	CIN
	DCL	DCL
	HWB	AWB
		PNV
		COO
		NAF

4.5.2 Document Type PLT Documents

Document Type	Designation	Remark
INV	Invoice - Customs invoice (commercial and proforma)	Standard value, pro forma at IFTMIN
CIN	Commercial Invoice	
DCL	Customs Declaration	e.g. ABD, COO + NAFTA at IFTMIN
AWB	Waybill Doc - Waybill	API - Generated by API
HWB	Waybill Doc - Waybill	IFTMIN - can be generated by DHL gateway
PNV	Proforma - Non Commercial Invoice	API only
COO	COO - Certificate of Origin	API only
NAF	NAF - NAFTA Certificate of Origin	API only

4.6 PLT via MyDHL API

- Checking whether the target country is PLT capable can be done via a rate requestsee section 4.3
- The Archive Doc / Waybil Doc is created and transmitted directly by the API Web Service.
- PLT documents are passed in the API request of shipment creation.

4.6.1 Elements for PLT document transmission MyDHL API

- The following tables break down the necessary additional values and elements.

4.6.1.1 Inserting PLT documents and service code

Element	Example / Remark	MyDHL API
Service Code WY	WY	valueAddedServices/serviceCode
PLT Document Base64	Base64 String	documentImages/content
PLT Document Type	See section 4.5.2	documentImages/typeCode
PLT Document Format	See section 4.5.1	documentImages/imageFormat

4.6.2 Submit export documents separately

- On request, the documents can also be transmitted after the shipment has been created.
- If the shipment request does not contain a document or if an invoice is requested via the API, the service code PK must be transmitted instead of the service code WY.
- An additional API request is required for this, and the 10-digit "Air Waybill" (AWB) number from the shipment data serves as an assignment to the shipment.
  - PATCH "/shipments/{Air-Waybill-Number}/upload-image"

4.6.2.1 Table Elements Submit PLT Document Separately

Element	Example / Remark	MyDHL API
Product code	P	productCode
Shipper customer number	140000000	accounts/number @[typeCode='shipper']
Freight Payer Customer Number	140000001	accounts/number @[typeCode='payer']
AWB number	1234567890	Included in URL call as a parameter
Document in Base64	Base64 String	documentImages/content
Document Type	see 4.5.2	documentImages/typeCode
Document Format	see 4.5.1	documentImages/imageFormat
Date from Shipment Request	YYYY-MM-DD	originalPlannedShippingDate

4.6.3 BypassPLTError MyDHL API (Skip PLT Validation)*

- Optionally, the check in the shipment request to see whether the destination country supports the PLT service can be skipped.
- The web service continues to check, but no longer returns an error message for it.
- The API response and the label then display the determined service (PLT or ADI).
- In the case of ADI, the API response includes an additional note to attach the documents to the package. The invoice and the original required document are sufficient.
    - 7988: Please note on printing the hardcopy of all the shipment paperwork and affix it to the package.

```
"warnings": [
    "7988: Please note on printing the hardcopy of all the shipment paperwork and affix it to the package."
]
```

4.6.3.1 Additional values in the API request for BypassPLTError

- The parameter "bypassPLTError=true" is given in the URL of the call:
    - {{MyDHL_API_Endpoint}}/shipments?bypassPLTError=true

4.6.4 Create customs invoice via MyDHL API

- A customs invoice can be generated, so there is no need to transmit a customer's own customs invoice as a Base64 string.
- The values from the customs invoice data are used – see section 1.2.5.
- The additional upload of other customs documents, as described in point 4.6.2 is possible.
- This customs invoice is transmitted directly to the DHL system.
- In the case of a shipment that is not PLT-capable, it must be printed out and attached to the package.
- The following tables break down the additional elements and fields required to create a customs invoice from the customs invoice data.

4.6.4.1 Customs invoice template

Format	Template
Portrait	COMMERCIAL_INVOICE_P_10
Landscape	COMMERCIAL_INVOICE_L_10

4.6.4.1 Invoice Types Customs Invoice

Invoice Types	MyDHL API
Commercial	Commercial
Proforma	Proforma

4.6.4.2 Customs invoice MyDHL API

Element	Example / Remark	MyDHL API
Activate invoice	Value = true	outputImageProperties/imageOptions/isRequested='true'
Invoice Template	See section 4.6.4.1	outputImageProperties/imageOptions/templateName
Invoice type	See section 4.6.4.1	outputImageProperties/imageOptions/invoiceType

4.7 PLT via EDI EDIFACT Message

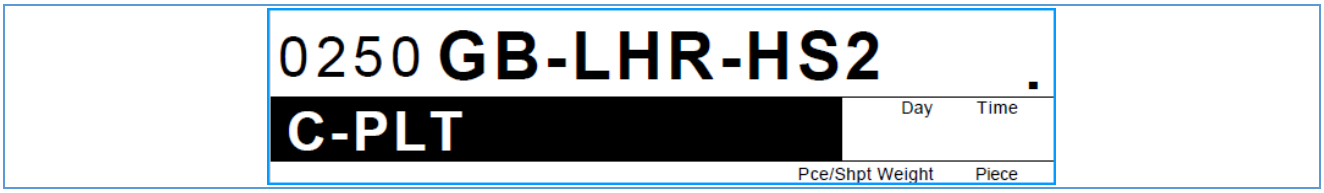
4.7.1 PLT Service Code

- PLT is triggered in IFTMIN by the service code WY.

Element	IFTMIN
Service Code WY	FTX/4440[@4451='ACB']

4.7.2 Transport label

- The abbreviation "PLT" must be printed on the transport label in the handling block.



4.7.3 Electronic transmission of documents:

- The documents must be transferred for each shipment.
- It is possible to transfer several files with export documents for one shipment.
- The data is transmitted via SFTP to the DHL Express communication server sftp3.dhl.com or MyDHL API Web Service Request.

4.7.3.1 Waybill Doc / Archive Label

- Is created in the DHL EDI Gateway and does not need to be transferred.

4.7.4 Structure of the file name of the PLT documents – EDI

- These files must be transferred to DHL Express via SFTP together with the EDI file of the shipment data.
- The transfer of EDI data and files containing documents can be done asynchronously. However, before shipment pickup.
- In consultation with your DHL contact person, the file name can also follow a simplified structure.

4.7.4.1 Table Structure File Name of PLT Documents – EDI

Filename	Prefix	Format	Ex Value	Ex Filename	Remark
AWB Number	AWB-	N10	123456789	AWB-123456789	DHL Tracking Number (Waybill)
Origin Service Area Code	_OS-	AN3	MUC	_OS-MUC	DHL IATA Code Export Station
Origin Facility Area Code	_OF-	AN3	MUC	_OF-MUC	DHL IATA Facility Code Export Station
Origin Country Code	_OC-	AN2	EN	_OC-EN	DHL ISO Country Code - Export Country
Global Product Code	_PC-	AN1	P	_PC-P	DHL Product Code
Document Type:	_GERMAN-	AN3	HWB	_DT-HWB	HWB = Waybill Doc INV or CIN = Customs Invoice, DCL = ABD Document
HWB=Air waybill					
INV=Invoice					
CIN=Commercial Invoice					
DCL=Customs Declaration					
Customer code	_CC-	AN10	CustCode	_CC-CustCode	Value freely selectable, can be static
Date	_DATE-	YYYYMMDD	20172410	_DATE-20172410	Timestamp File Created - Date
Time	_TIME-	HH24MMSS	161025	_TIME-161025	Timestamp File Created - Time
ICR - Unique Transmission Reference	_	AN14	AB10025	_AB10025	Unique value for the file to avoid overwriting files with the same name
File Type:	.	AN3	PDF	.PDF	Maximum file size 5 MB
PDF (Portable Document Format)					
PNG (Portable Network Graphics)					
TIFF (Tag Image File Format)					
JPEG (Joint Photographic Experts Group)					

GNP. AWB-123456789_OS-MUC_OF-MUC_OC-DE_PC-P_DT-HWB_CC-CustCode_DATE-20172410_TIME-161025_AB10025.PDF

5 DHL Billing Services*

- Billing Services handle the settlement of import duties.
- Billing services are only available for dutiable shipments and are mutually exclusive.
- The allocation and billing of freight costs are not controlled by Billing Services. For this purpose, only the DHL Express customer number for shippers and freight payers must be used.
- The DHL Service NDS (Neutral Delivery Service) is not a billing service.
- If you have any questions about customs issues and billing services, please contact your DHL Express contact person.

5.1 Correct and complete customs invoice

- A complete and correct customs invoice with clear indication of the parties involved, including addresses and respective roles, is a prerequisite for a correct settlement of import duties.
- Addresses of the consignor, consignee and importer (if different from the consignee) must be given at least as a party.
- The Incoterm has no direct influence on the Billing Service but should be in line with the selected Billing Service and match the information on the customs invoice.

5.2 Customer number for "Duty&Taxes" and Billing Service Code

- The Duty and Taxes Account influences the settlement of import duties and defines the Billing Service.
- A specified Billing Service Code is only possible in conjunction with a Duty&Taxes customer number but can be changed by the DHL backend to be in line with the Dutyx&Taxes customer number.

5.3 Billing of import duties

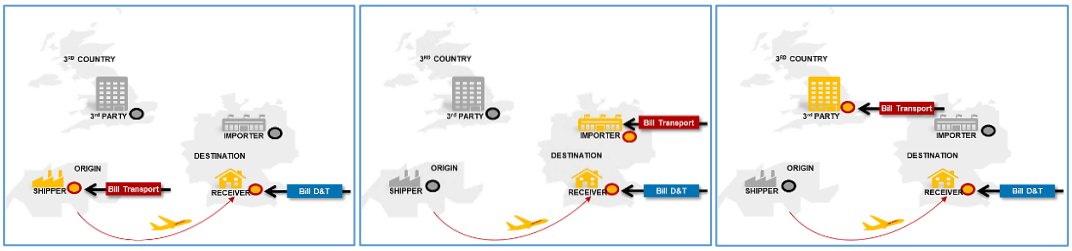
- When importing in the destination country, the DHL Billing Service Codes, the customer number "Duty&Taxes" and the customs invoice are used to decide on the settlement of import duties.
- Import duties and fees will be charged to the party identified at the time of import and may differ from the specified service and customer number. There is no entitlement to the submitted billing service.*
- Before using a billing service, except for DTU, we recommend that you check it with your DHL contact person.*
- The customer's DHL statement does not contain the above-mentioned service codes, but the designations of the determined DHL customs service (Duty Tax Processing / Duty Tax Paid).

5.4 Table Billing Services

Freight Payer Customer Number	Duty&Taxes Customer Number	Import duties	Handling Feature Code[7]	Service Code	Possible Incoterm
Shipper		Receiver			DAP
Third Party Destination Country		Receiver			DAP
Third Party Third Country		Receiver			CPT
Shipper	Shipper	Sipper	DTP	DD	DDP
Third Party Third Country	Third country	Third Party Third Country	DTP	DD	DDP
Receiver	Receiver	Empfänger	IMP	DT	EXW
Third Party Destination Country	Third Party Destination Country	Third Party Destination Country	IMP	DT	EXW
Shipper	Third Party Destination Country	Third Party Destination Country	IOR	DU	CPT
Third Party Third Country	Third Party Destination Country	Third Party Destination Country	IOR	DU	CPT

5.5 DTU – Duties and Taxes Unpaid

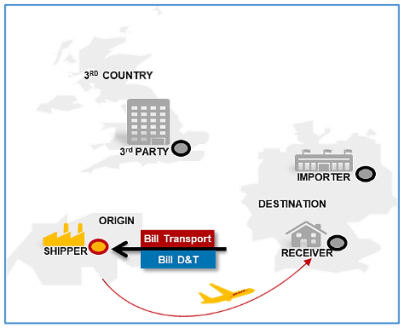
- Standard Billing Service – used automatically if no other Billing Service can be set or applied.
- No DHL service code is required.



[7] Kein Eintrag entspricht Billing Service DTU, Standardservice wird nicht angeben.

5.6 DTP – Duties and Taxes Paid

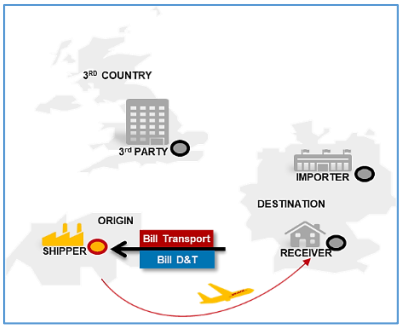
- Shipper pays import duties.
- Inserting the DHL account number for import duties is recommended.
- If no DHL account number is provided for import duties, the sender will be charged.
- The receiving country must be approved for the use of DTP.
- DTP printing on the transport label is required.





5.7 DTP – Duties and Taxes Paid – Third Party

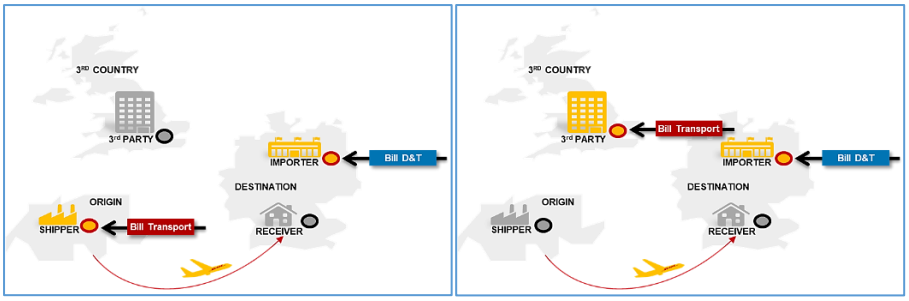
- Third party pays import duties – DHL account number must not be registered in the destination country.
- The receiving country must be approved for the use of DTP.
- DTP printing on the transport label is required.



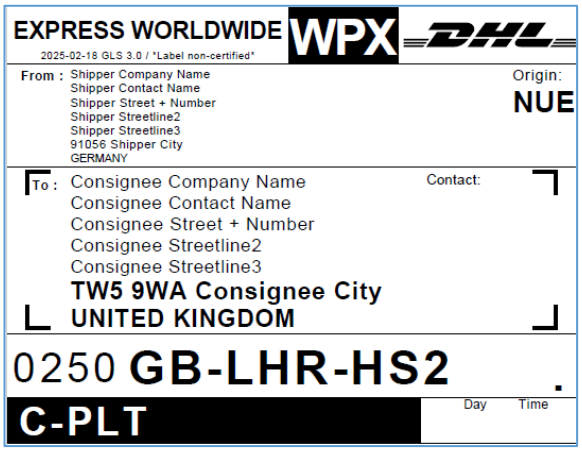


5.8 IOR – Importer of Record

- Import duties are paid by a third party (importer of record) in the destination country.
- Importer of Record must grant DHL a power of attorney (POA - Power Of Attorney) in the destination country.
- Contact your DHL contact person before use.
- Freight costs are paid by the sender or a third party (not resident in the destination country).
- Customs invoice must include the address of the Importer of Record as "Importer" or "Bill-To".
- DHL service code and import account number is not necessary, can be inserted optionally.



5.8.1 Cut-out - IOR transport label without Duty&Taxes customer number



5.8.2 Cut-out - IOR transport label with Duty&Taxes customer number



5.8.3 Customs invoice IOR

- On the customs invoice, the importer of record must be clearly recognizable with address, marked e.g. as "IMPORTER" or "BILL-TO".
- A registration number (VAT, EORI) may be necessary and is generally recommended.

5.8.3.1 Example customs invoice IOR with importer address

Commercial Invoice

AWB No: 3439781516 **Invoice Date:** 2025-02-18 **Invoice No:** INV112234567-001

SHIP FROM:
Shipper Company Name
Shipper Contact Name
Shipper Street + Number
Shipper Streetline2
Shipper Streetline3
Shipper City, 91056

GERMANY
+49123456789876543
Shipper@DOT.COM
Trader Type:Business
VAT No:DE341445736
EORI:
TAX ID:

SHIP TO:
Consignee Company Name
Consignee Contact Name
Consignee Street + Number
Consignee Streetline2
Consignee Streetline3
Consignee City, TW59WQ

UNITED KINGDOM
+461234567876548
Consignee@DOT.COM
Trader Type:DC
VAT No:
EORI:GB3414456984

IMPORTER:
Importer Company Name
Importer Contact Name
Importer Street + Number
Importer Streetline2
Importer Streetline3
Importer City,TW59WQ

UNITED KINGDOM
+46123456789OO
Trader Type:Business
VAT No:
EORI:GB341445736

Shipper Reference:
Receiver Reference:

Remarks:

Item	Description	Commo-dity Code	GST paid	Net / Gross Weight	COO	Reference Type & ID	QTY	Unit Value	Sub Total Value
1	Men's or boys' suits ensembles jackets blazers	IB:6203.32.9000 OB:6203.32.90		1.400 kg 1.400 kg	AT		3 PCS	100.000 EUR	300.00 EUR
2	Women's or girls' suits ensembles jackets blazers	IB:6204.32.9090 OB:6204.32.90		0.900 kg 0.900 kg	DE		1 PCS	220.000 EUR	220.00 EUR

Total Goods Value: 520.00 EUR
other charges: 23.50 EUR
Total Invoice Amount: 543.50 EUR
Currency Code: EUR
Terms of Payment:
Terms of Trade: DAP
Place of Incoterm: Importercity
Reason for Export:
Type of Export: PERMANENT
Total Net Weight: 2.300 kg
Total Gross Weight: 2.300 kg

Total line items: 2
Number of Pallets:
Total units: 4
Package Marks / Other Info:

Payer of GST / VAT:

I/We hereby certify that the information contained in the invoice is true and correct and that the contents of this shipment are as stated above.

Name:
Position:
Date of Signature: 2025-02-18

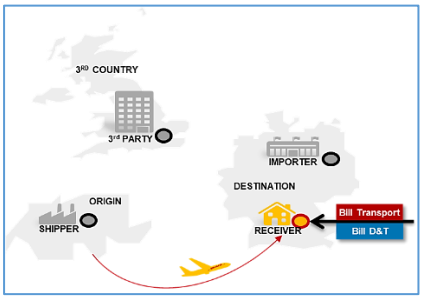
Signature:

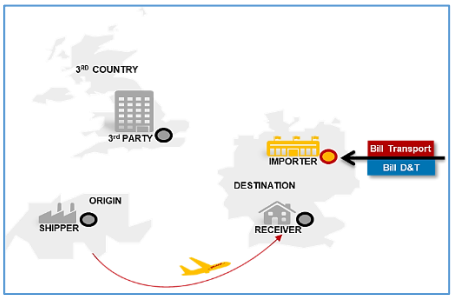
Company Stamp

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5.9 IMP – Import Billing

- Freight costs and import duties are paid by the recipient or a third party in the destination country.
- Account numbers for freight and import duties must be identical and transmitted.







5.10 NDS – Neutral Delivery Service

- Is not a DHL Billing Service!
- The service includes the removal of documents from the package that indicate the value of the goods. The shipment is delivered neutrally to the recipient.
- The service only makes sense to use with a billing service, as the import duties are settled on the recipient without a billing service and the value of the goods is then disclosed to him.

5.10.1 Examples of transport labels NDS combination



6 Appendixes

In the ZIP file "Part G_DHL Express_Appendix_2_Zoll_XX.zip" there are the following attachments:

Appendix	Remark	Scope
country_plt.txt	List of countries for PLT	**EDI, MyDHL_API, XML-PI**
DHL-Express-Customs-Samples.postman_collection_14.05.25.json	Postman project	**MyDHL API RESTfull**

7 Example EDI and MyDHL API

7.1 Example EDIFACT IFTMIND01B

- Services PLT (WY), Neutral Delivery (NN), Import Billing (DT)
- Deviating Freight Payer (RFF+IV), Duty and Taxes Account (RFF+ABS)
- Address Importer of Record (NAD+IM)

```
UNA:+.? '
UNB+UNOC:4+14000000.91056+3D MESSAGE HUB+20250217:1940+0018'
UNH+000013+IFTMIN:D:01B:UN+DHL2.5/8.0.0.10'
BGM+740+1000000035+9'
DTM+9:202502171940:203'
DTM+11:202502171940:203'
TSR+++WPX:57:87'
MOA+43:543.50:EUR'
MOA+79:520.00:EUR'
MOA+304:23.50:EUR'
FTX+AAA+++WOMENS / MENS GIRLS JACKETS'
FTX+AAI+++COMMERCIAL'
FTX+CEX+++P'
FTX+ACB+++NN'
FTX+ACB+++DT'
FTX+ACB+++WY'
CNT+7:1.00:KGM'
CNT+11:1'
CNT+15:0.001:MTQ'
TOD+6++DAP'
LOC+1+:::CONSIGNEE CITY'
RFF+SRN:CUSTOMER REFERENCE'
RFF+IV:410000000'
RFF+ABS:410000000'
GOR+4'
DOC+380+0000053'
DTM+3:202502170000:203'
NAD+CZ+140000000++SHIPPER COMPANY NAME+SHIPPER STREET / NUMBER:SHIPPER
STREETLINE2:SHIPPER STREETLINE3+SHIPPER CITY++91056+EN'
LOC+5+NUE/NUE'
CTA+AC+:SHIPPER CONTACT NAME'
COM+SHIPPER CONTACT N:TE'
COM+SHIPPER@DOT.COM:EM'
RFF+VA:DE341445736:DE'
NAD+CN+++CONSIGNEE COMPANY NAME+CONSIGNEE STREET / NUMBER:CONSIGNEE
STREETLINE2:CONSIGNEE STREETLINE3+CONSIGNEE CITY++TW59WQ+GB'
LOC+8+GB/DHL/LHR/HS2::87'
CTA+AC+:CONSIGNEE CONTACT NAME'
COM+?+461234567876548:TE'
COM+CONSIGNEE@DOT.COM:EM'
RFF+:GB3414456984:GB'
NAD+IM+++IMPORTER COMPANY NAME+IMPORTER STREET / NUMBER:IMPORTER STREETLINE2:IMPORTER
STREETLINE3+++DE74 2TR+GB'
CTA+AC+:IMPORTER CONTACT NAME'
COM+?+4612345678900:TE'
COM+IMPORTER@DOT.COM:EM'
RFF+AVY:GB341445736:GB'
GID+1+1:PK'
MEA+WT+AAE+KGM:1.00'
DIM+2+CMT:20:30:2'
RFF+CU:CUSTOMER REFERENCE'
PCI+18'
GIN+AW+J:JD000000000001230051'
EQD+UL+1'
MEA+WT+AAE+KGM:1,400'
MEA+WT+AAF+KGM:1,400'
```

```
FTX+AAA+++MENS OR BOYS SUITS ENSEMBLES JACKETS BLAZERS'
FTX+AAH+++AT'
RFF+HS:6203.32.9000'
TCC+INV'
MOA+146:100.00:EUR'
MOA+38:300.00:EUR'
QTY+47:3:PCS'
EQD+UL+2'
MEA+WT+AAE+KGM:0.900'
MEA+WT+AAF+KGM:0.900'
FTX+AAA+++WOMENS OR GIRLS SUITS ENSEMBLES JACKETS BLAZERS'
FTX+AAH+++EN'
RFF+HS:6204.32.9090'
TCC+INV'
MOA+146:220.00:EUR'
MOA+38:220.00:EUR'
QTY+47:1:PCS'
UNT+69+000013'
UNZ+1+0018'
```

7.2 Example MyDHL API

- Services PLT (WY), Neutral Delivery (NN), Import Billing (DT)
- Payer, Duty and Taxes Account (duties-taxes)
- Address Importer of Record (importerDetails)
- Customs invoice requested from MyDHL API and ABD document inserted (documentImages)

```
{
  "productCode": "P",
  "plannedShippingDateAndTime": "{{Date}}T23:43:06 GMT+01:00",
  "pickup": {
    "isRequested": false
  },
  "accounts": [
    {
      "number": "{{DHL_Account}}",
      "typeCode": "shipper"
    },
    {
      "number": "{{DHL_Account}}",
      "typeCode": "duties-taxes"
    },
    {
      "number": "{{DHL_Account}}",
      "typeCode": "payer"
    }
  ],
  "outputImageProperties": {
    "encodingFormat": "pdf",
    "imageOptions": [
      {
        "invoiceType": "commercial",
        "isRequested": true,
        "typeCode": "invoice"
      },
      {
        "hideAccountNumber": false,
        "isRequested": false,
        "typeCode": "waybillDoc"
      }
    ]
  },
  "valueAddedServices": [
    {
      "serviceCode": "WY"
    },
    {
```

```
      "serviceCode": "NN"
    },
    {
      "serviceCode": "DT"
    }
  ],
  "customerDetails": {
    "shipperDetails": {
      "postalAddress": {
        "addressLine1": "Shipper Street + Number",
        "addressLine2": "Shipper Streetline2",
        "addressLine3": "Shipper Streetline3",
        "cityName": "Shipper City",
        "postalCode": "91056",
        "countryCode": "DE"
      },
      "contactInformation": {
        "companyName": "Shipper Company Name",
        "fullName": "Shipper Contact Name",
        "phone": "+49123456789876543",
        "email": "Shipper@DOT.COM",
        "mobilePhone": "+49170123456789321"
      },
      "registrationNumbers": [
        {
          "number": "DE341445736",
          "typeCode": "VAT",
          "issuerCountryCode": "EN"
        }
      ],
      "typeCode": "business"
    },
    "receiverDetails": {
      "postalAddress": {
        "addressLine1": "Consignee Street + Number",
        "addressLine2": "Consignee Streetline2",
        "addressLine3": "Consignee Streetline3",
        "cityName": "Consignee City",
        "postalCode": "TW59WQ",
        "countryCode": "GB"
      },
      "contactInformation": {
        "companyName": "Consignee Company Name",
        "fullName": "Consignee Contact Name",
        "phone": "+461234567876548",
        "email": "Consignee@DOT.COM",
        "mobilePhone": "+4617012345674589841"
      },
      "registrationNumbers": [
        {
          "number": "GB3414456984",
          "typeCode": "EOR",
          "issuerCountryCode": "GB"
        }
      ],
      "typeCode": "direct_consumer"
    },
    "importerDetails": {
      "postalAddress": {
        "addressLine1": "Importer Street + Number",
        "addressLine2": "Importer Streetline2",
        "addressLine3": "Importer Streetline3",
        "cityName": "Importer City",
        "postalCode": "TW59WQ",
        "countryCode": "GB"
      },
      "contactInformation": {
        "companyName": "Importer Company Name",
        "fullName": "Importer Contact Name",
        "phone": "+4612345678900",
        "email": "Importer@DOT.COM",
        "mobilePhone": "+46170123456789321"
      },
```

```
      "registrationNumbers": [
        {
          "number": "GB341445736",
          "typeCode": "EOR",
          "issuerCountryCode": "GB"
        }
      ],
      "typeCode": "business"
    }
  },
  "content": {
    "exportDeclaration": {
      "exportReasonType": "permanent",
      "placeOfIncoterm": "Importercity",
      "invoice": {
        "number": "INV112234567-001",
        "date": "{{Date}}",
        "function": "both",
        "customerReferences": [
          {
            "typeCode": "MRN",
            "value": "20DE850137246140E1"
          }
        ]
      },
      "lineItems": [
        {
          "number": 1,
          "description": "Men's or boys' suits ensembles jackets blazers",
          "price": 100.00,
          "priceCurrency": "EUR",
          "quantity": {
            "value": 3,
            "unitOfMeasurement": "PCS"
          },
          "commodityCodes": [
            {
              "typeCode": "inbound",
              "value": "6203.32.9000"
            },
            {
              "typeCode": "outbound",
              "value": "6203.32.90"
            }
          ],
          "manufacturerCountry": "AT",
          "weight": {
            "netValue": 1.4,
            "grossValue": 1.4
          }
        },
        {
          "number": 2,
          "description": "Women's or girls' suits ensembles jackets blazers",
          "price": 220.00,
          "priceCurrency": "EUR",
          "quantity": {
            "value": 1,
            "unitOfMeasurement": "PCS"
          },
          "commodityCodes": [
            {
              "typeCode": "inbound",
              "value": "6204.32.9090"
            },
            {
              "typeCode": "outbound",
              "value": "6204.32.90"
            }
          ],
          "manufacturerCountry": "DE",
          "weight": {
            "netValue": 0.9,
```

```
          "grossValue": 0.9
        }
       }
     ],
     "additionalCharges": [
      {
       "value": 23.5,
       "caption": "other charges",
       "typeCode": "other"
      }
     ]
    },
    "description": "WOMEN'S / MEN'S GIRL'S JACKETS",
    "declaredValueCurrency": "EUR",
    "declaredValue": 543.50,
    "unitOfMeasurement": "metric",
    "isCustomsDeclarable": true,
    "incoterm": "DAP",
    "packages": [
     {
      "weight": 0.250,
      "dimensions": {
       "length": 35,000,
       "width": 26,000,
       "height": 15.000
      }
     }
    ]
   },
   "documentImages": [
    {
     "content": "Base64String",
     "imageFormat": "PDF",
     "typeCode": "DCL"
    }
   ]
}
```


7.3 Example Rate Request - Shipment PLT capable – MyDHL API


```
{
  "unitOfMeasurement": "metric",
  "isCustomsDeclarable": true,
  "plannedShippingDateAndTime": "{{Date}}T16:00:00",
  "accounts": [
    {
      "number": "{{DHL_Account}}",
      "typeCode": "shipper"
    }
  ],
  "customerDetails": {
    "shipperDetails": {
      "addressLine1": "Shipper Street + Number",
      "addressLine2": "Shipper Streetline2",
      "addressLine3": "Shipper Streetline3",
      "cityName": "Shipper City",
      "postalCode": "91056",
      "countryCode": "DE"
    },
    "receiverDetails": {
      "addressLine1": "Consignee Street + Number",
      "addressLine2": "Consignee Streetline2",
      "addressLine3": "Consignee Streetline3",
      "cityName": "Consignee City",
      "postalCode": "TW59WQ",
      "countryCode": "GB"
    }
  },
  "packages": [
    {
      "weight": 2,
```

```
      "dimensions": {
        "length": 20,
        "width": 20,
        "height": 20
      }
    }
  ],
  "monetaryAmount": [
    {
      "currency": "EUR",
      "value": 1223.50,
      "typeCode": "declaredValue"
    }
  ],
  "valueAddedServices": [
    {
      "serviceCode": "WY"
    }
  ]
}
```


7.4 Example Submit Customs Documents Separately – MyDHL API

- API call: PATCH "/shipments/{AWB_Number}/upload-image


```
{
  "shipmentTrackingNumber": "{{AWB_Number}}",
  "originalPlannedShippingDate": "{{Date}}",
  "accounts": [
    {
      "typeCode": "shipper",
      "number": "{{DHLAccount}}"
    }
  ],
  "productCode": "P",
  "documentImages": [
    {
      "typeCode": "INV",
      "imageFormat": "PDF",
      "content": "base64 encoded image"
    }
  ]
}
```