

# WINDSOR FRAMEWORK WEB SERVICE API-SOAP

**DEVELOPERS GUIDE** 

Version 1.0

# Northern Ireland - Windsor Agreement

Customers despatching items from Great Britain to Northern Ireland must provide the relevant level of data as per below in accordance with the Windsor Framework. Multi parcel shipments are accepted but the weight limit of each individual parcel is a maximum of 31kg.

Shipments which are being collected from a BT postcode require no additional data.

For third party collections and carriage forward where the collection address = BT no additional data required.

For third party collection and carriage forward where delivery postcode = BT, additional data requirements are then dependent upon the shipment trade lane movement status e.g. consumer or business

#### Deferment account

If your B2B goods do not qualify under UKIMS and are therefore considered 'at risk' of leaving Northern Ireland, a full H1 international dataset will be required for the declaration. 'At risk' shipments will also be charged at the applicable European Union (EU) rate of duty.

If you'll be shipping 'red lane' goods and will move to use an NI deferment account linked to your NI EORI number for Customs charges, please remember to authorise DHL to apply charges to this account. You'll need to state your NI deferment account number within the shipment data.

Alternatively, if you do not provide your NI deferment account number, we'll apply the DHL eCommerce UK deferment account.

#### Clearance declaration – Northern Ireland (Windsor Framework)

Customers are to populate the **clearance declaration** covered above, which includes the shipment movement, sender UKIMS, sender EORI, sender deferment account, recipient UKIMS and recipient EORI.

Additional data requirements are then dependant upon the trade lane movement. The trade lanes are either C2C, C2B, B2C and B2B.

Additional data requirements

#### C2C

In this scenario, you will need to...

- Populate the shipment movement type, description of goods and value covered in the clearance declaration

#### C2B

In this scenario, you will need to...

- Populate the shipment movement type, number of pieces, recipient UKIMS number, recipient EORI number, total value covered in the clearance declaration.
- Populate the 6 digit commodity code & description of goods & quantity covered in the clearance item declaration

#### B<sub>2</sub>C

In this scenario, you will need to...

- Populate the shipment movement type, number of pieces, total value in **covered in the** clearance declaration.

- Populate the 6 digit commodity code, description of goods & quantity covered in the clearance item declaration

#### Not at risk 'green lane' and at risk 'red lane' B2B trade lanes

A B2B shipment will be classed as not at risk 'green lane' based on the provision of either your UKIMS number (as the shipper) or the UKIMS number for the receiving business. For green lane shipments the simplified H8 dataset will be required.

For at risk 'red lane' movements the full H1 international dataset will be required.

#### B2B 'Green Lane'

In this scenario, you will need to...

- Populate the senders EORI number, shipment movement type, *senders UKIMS number*, recipient *UKIMS number*, recipient EORI number, number of pieces, total value in the covered in the clearance declaration.
- Populate the 10-digit commodity code, description of goods, quantity, unit value, unit weight & country of manufacture covered in the clearance item declaration.
- Either the senders EORI and UKIMS or the recipient EORI and UKIMS is required to enable green lane movement

#### B2B 'Red Lane '

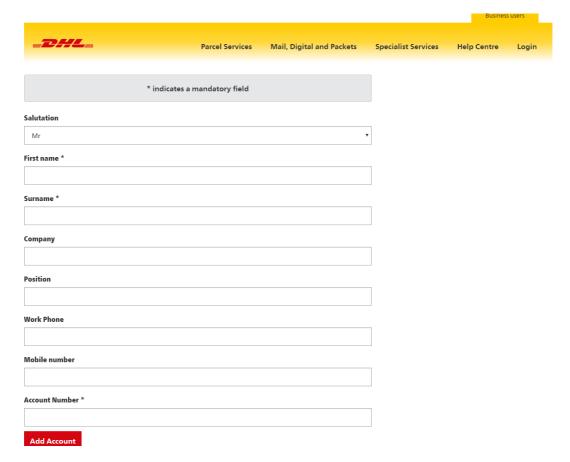
In this scenario, you will need to...

- Populate the senders deferment account and senders EORI number, number of pieces, shipping charges, total value, reason for export in the covered in the clearance declaration
- Populate the 10 digit commodity code, description of goods, quantity, unit value, unit weight, country of manufacture in the covered in the clearance item declaration.

# **OBTAINING A TEST USERNAME & PASSWORD**

Before you can fully start your development work to integrate your system with DHL eCommerce UK's web API you will need to following:

- Live DHL eCommerce UK account number(s).
- For some services login and password authentication is required.
- Obtain your live DHL eCommerce UK account number(s) from your DHL eCommerce UK Sales/Account Manager.
- 2. Go to the URL <a href="https://track.qa.dhlparcel.co.uk/register">https://track.qa.dhlparcel.co.uk/register</a> and register yourself as a new user using your DHL eCommerce UK account number.



- 3. Once approved you will receive a confirmation email.
- 4. You now have a working test username and password to start your development.

**Note\*** Once you have transitioned your development over to Live, your QA access will be removed. This is to reduce the load on our Test environment.

# **ADD DOMESTIC SHIPMENTS**

Once you have your AuthenticationToken and a CollectionJobNumber you are ready to generate DHL eCommerce UK Domestic shipment labels through the web API. This web service call is for domestic shipment only.

#### **Printing Labels**

The application that calls this web service is responsible for saving the Base64 encoded label image (PNG) returned. You would need to able to decode the Base64 image and print out the label image to your printer. It is important that the label image format is not converted to any other format other than PNG.

A common scenario is for the application to save the shipment number and the image files within a database and then using a reporting tool print the images from a database to a local printer. It is important that the images returned by the web service are not scaled when printing otherwise the barcodes are unlikely to scan in the DHL eCommerce UK network. The dimensions for a DHL eCommerce UK label are 6x4 inch. (Approx. 15x10 cm)

## AddDomesticConsignment

Version 1.0 29/08/2024

Test WSDL URL:

 $\underline{\text{https://services.qa.dhlparcel.co.uk/Services/UKMConsignmentServices/UKMConsignmentService.s}}\\ \underline{\text{vc?WSDL}}$ 

Live WSDL URL:

https://api.ukmail.com/Services/UKMConsignmentServices/UKMConsignmentService.svc?wsdl

#### **Input Parameters:**

	1 -		
Parameter Name	Туре	Mandatory	Description
Username	Alpha	Υ	Username used to login.
AuthenticationToken	Alpha	Υ	Token received from successful login.
CollectionJobNumber	Alpha	Y	Reference for the driver collection returned from call to the BookCollection web service.
AccountNumber	Alpha (10)	Y	DHL eCommerce UK account number.
ContactName	Alpha (20)	N	Contact name of the person the parcel is being delivered to.
BusinessName	Alpha (40)	N	Business name to be delivered to.
Address1	Alpha (40)	Y	First line of address.
Address2	Alpha (40)	N	Second line of address.
Address3	Alpha (40)	N	Third line of address.
PostalTown	Alpha (40)	Y	Name of town or city.
County	Alpha (40)	N	Mainland UK or Irish County.

	A L L (0)	\ \\	MILLING LIE CHECK
Postcode	Alpha (9)	Y	Mainland UK or Irish Postal Code. For a full list of Irish postal codes, please request a copy of the DHL eCommerce UK postcode.dat file. See page 5
CountryCode	Alpha (3)	Υ	GBR for United Kingdom, IRL for Ireland.
Email	Alpha (40)	N	Email address of recipient. ("+" symbol cannot be used)
Telephone	Alpha (20)	N	Telephone number of recipient.
PreDeliveryNotification	Alpha	Y	Set to <b>NonRequired</b> service no longer available.
CustomersRef	Alpha (20)	N	Your reference for this shipment will appear on your DHL eCommerce UK invoice. Typically sales order number.
AlternativeRef	Alpha (20)	N	Your second reference for this shipment e.g. customer purchase order number.
Items	Number	Y	Number of boxes to be despatched. (Number of labels)
Weight	Number	Y	Shipment Total weight in whole Kg. Minimum 1Kg
ServiceKey	Number	Y	DHL eCommerce UK service code required.
SpecialInstructions1	Alpha (30)	N	A special instruction for the delivery driver, line 1, appears on the label.
SpecialInstructions2	Alpha (30)	N	A special instruction for the delivery driver, line 2, appears on the label.
ConfirmationOfDeliver y	Alpha "true" or "false"	Y	DO NOT USE
ConfirmationEmail	Alpha (40)	N	DO NOT USE
ConfirmationTelephon e	Alpha (20)	N	DO NOT USE
ExchangeOnDelivery	Alpha "true" or "false"	Y	Is an Exchange On Delivery required? true for yes, false for no.
ExtendedCover	Number	Y	If extended cover is required for this shipment, specify how many extended cover units are required, 0 to 10. 1 unit equates to £1000 additional cover.
SignatureOptional	Alpha "true" or "false"	Y	Is a signature optional on delivery? True or false. This works in conjunction with the ServiceKey passed based on the delivery choice required. Should only be populated with "true" in conjunction with YYY/Safe delivery choice. For all other delivery choices should be populated with "false"
SecureLocation1	Alpha (30)	N	Secure Location/Neighbor for signature optional services. The delivery choice will revert to the corresponding Leave Safe service if information is passed in these fields.
SecureLocation2	Alpha (30)	N	Details of a secure location/neighbour (if recipient is unavailable) Line 2 Only pass a Secure Location if using the "Leave Safe" service codes.
Bookin	Alpha "true" or "false"	Y	DO NOT USE
CODAmount	Money	N	DO NOT USE

LongLength	Alpha	Υ	DO NOT USE
LongLongar	"true" or		20 110 1 302
	"false"		
			nding Northern Ireland shipments
Senders EORI Number	Alpha	See	Senders EORI
	(15)	description	Number <a href="https://www.gov.uk/eori">https://www.gov.uk/eori</a> Mandatory if sender UKIMS is provided
Shipment Movement	Alpha (3)	See	This is used to confirm the trade lane
Туре		description	movement and is not used to categorise the
			delivery address.
			Codes to use: C2C, C2B, B2C or B2B
			C2C - Shipper and recipient are consumers C2B - Shipper is a consumer and recipient is a
			business
			(If shipment is going to a consumer at a
			business address, for example their work
			address, this is still a C2C movement
			B2C - Shipper is a business and recipient is a
			consumerB2B - Shipper is a business and recipient is a business
			(If shipment is going to a consumer at a
			business address, for example their work
			address, this is still a B2C movement)
Senders UKIMS	Alpha	N	If shipment is a B2B movement, either shippers
Number	(32)		or recipient UKIMs must be provided to be classed as a green lane movement
Senders Deferment	Alpha	N	If blank, and Shipment Movement Type is B2B
Account	(20)		red lane, then DHL deferment account will be
			applied
Recipient UKIMS	Alpha	N	If shipment is a B2B movement, either shippers
Number	(32)		or recipient UKIMs must be provided to be classed as a green lane movement
Recipient EORI	Alpha	See	Recipient EORI Number Get an EORI number
Number	(15)	description	
		-	Mandatory if recipient UKIMS is provided
Number of Pieces	Num	N	Sum of quantity from all items from the
Shipping Charges	Monov	N	clearance item rows for the same Shipment ID Shipping charges including decimal place e.g
Shipping Charges	Money		5.00
Total Value	Money	See	Total value of all items. Decimal between 0.01
		descriptoin	and 10000 Mandatory for C2C, C2B, B2C & B2B
			Walidatory for C2C, C2B, B2C & B2B
Reason For Export	Alpha (1)	See	Reason for export. G = Gift, D = Documents, S
		description	= Commercial Sample, R = Returned Goods, C
			= Commercial Sale, P = Repairs.  Mandatory for B2B red lane movements
			mandatory for D2D for land movements
Clearance item - This is	required whe	en sending No	rthern Ireland shipments
Commodity Code	Num (10)	See	Commodity code requirement dependent on
		description	trade lane movement
			C2C – no commodity code
			Optional
			B2C 6 digit commodity code
			C2B 6 digit commodity code  Mandatory
			B2B 'green lane' and 'red lane' – 10 digit
			commodity code.

Description of Goods	Alpha	See description	Description will be used to populate commodity code for C2B and B2C, if commodity code is not provide
Unit Quantity	Num	N	Number of units of this item
Unit Value	Num	N	Unit value of item including decimal point. For example, £19.88 = 19.88
Unit Weight	Num	N	Weight of item in Kgs including decimal point. For example, 25.22
Country of manufacture	Alpha (2)	N	ISO 2 country code for country of manufacture
Output Parameters:			
Parameter Name	Туре		Description
Errors			If failed then a list of errors with error codes and descriptions.
Warnings			A list of warnings resulting from the web service call. For each warning in the table there will be a Code and Description. The warning may contain valuable information to your end user such as account being disabled so it is likely you will want to display any warning's to your end user.
Result			Successful if web service successful, Failed if unsuccessful.
ConsignmentNumber	Alpha		If successful, the DHL eCommerce UK shipment number of the shipment generated.
Labels	Array Of Images		If successful, an array of PNG images (1 per eCommerce).

# **ADD RETURN TO SENDER**

Once you have your AuthenticationToken you are ready to start booking Return To Sender type transactions.

A Return to sender is a collection from an adhoc address to be delivered back to the account address. This is typically used to arrange the return of previously delivered faulty goods.

**Note\*** The shipment label will be generated at the collecting DHL eCommerce UK depot. **This service does not return a base64 encoded label image**. The driver will take one printed label with them to the collection address.

AddReturnToSender	
Version 1.0	29/08/2024
Test WSDL URL:	
https://services.qa.dhlparcel.co.uk/Services/UKMConvc?WSDL	signmentServices/UKMConsignmentService.s
Live WSDL URL:	

# $\underline{https://api.ukmail.com/Services/UKMConsignmentServices/UKMConsignmentService.svc?wsdl}$

# Input Parameters:

Parameter Name	Туре	Mandatory	Description
· arameter rame	. , , , ,	- marraator y	2000
Username	Alpha	Υ	Username used to login.
AuthenticationToken	Alpha	Υ	Token received from successful login.
AccountNumber	Alpha (10)	Y	DHL eCommerce UK account number.
CollectionDate	DateTime	Υ	Date the parcels should be collected.
CollectionContactName	Alpha (20)	Y	Contact name of the person whom the parcel is being collected from.
CollectionBusinessName	Alpha (40)	N	Business name to be collected from.
Address 1	Alpha (40)	Y	First line of address.
Address 2	Alpha (40)	N	Second line of address.
Address 3	Alpha (40)	N	Third line of address.
Postal Town	Alpha (40)	Y	Name of town or city.
County	Alpha (40)	N	UK or Irish County.
Postcode	Alpha (9)	Y	Mainland UK or Irish Postal Code. For a full list of Irish postal codes, please request a copy of the DHL eCommerce UK postcode.dat file.
CountryCode	Alpha (3)	Y	GBR for United Kingdom, IRL for Ireland.
CollectionEmail	Alpha (40)	N	Email address of person being collected from.
CollectionTelephone	Alpha (20)	Y	Telephone number of person being collected from.
CollectionCustomersRef	Alpha (20)	N	Your reference for this collection will appear on your DHL eCommerce UK invoice. Typically an RMA number.
ServiceKey	Number	Y	DHL eCommerce UK service code required. This must be a Return To Sender specific service.
CollectionSpecialInstructions 1	Alpha (30)	N	Special instructions for the collection driver, line 1.
CollectionSpecialInstructions 2	Alpha (30)	N	Special instructions for the collection driver, line 2.
DeliverySpecialInstructions1	Alpha (30)	N	Special instructions for the delivery driver, line 1,
DeliverySpecialInstructions2	Alpha (30)	N	Special instructions for the delivery driver, line 2,
DescriptionOfGoods1	Alpha (30)	N	Description of the goods to be collected line 1.
DescriptionOfGoods2	Alpha (30)	N	Description of the goods to be collected line 2.
CollectionTimeReady	DateTime	Y	Time from which the eCommerces will be ready for collection on the collection date.
CollectionOpenLunchtime	Alpha "true" or "false"	Y	Is the collection address open at lunchtime? True or false.

CollectionLatestPickup	DateTime	Y	Latest time the eCommerces can be collected on the collection date.
Bookin	Alpha "true" or "false"	Y	DO NOT USE
Oleanana dealanation This	<u> </u>		authoria luctoria della propina
Clearance declaration - This			
Senders EORI Number	Alpha (15)	See description	Senders EORI Number <a href="https://www.gov.uk/eori">https://www.gov.uk/eori</a> Mandatory if sender UKIMS is provided
Shipment Movement Type	Alpha (3)	See description	This is used to confirm the trade lane movement and is not used to categorise the delivery address. Codes to use: C2C, C2B, B2C or B2B C2C - Shipper and recipient are consumers C2B - Shipper is a consumer and recipient is a business (If shipment is going to a consumer at a business address, for example their work address, this is still a C2C movement B2C - Shipper is a business and recipient is a consumerB2B - Shipper is a business and recipient is a business (If shipment is going to a consumer at a business and recipient is a business (If shipment is going to a consumer at a business address, for example their work address, this is still a B2C movement)
Senders UKIMS Number	Alpha (32)	N	If shipment is a B2B movement, either shippers or recipient UKIMs must be provided to be classed as a green lane movement
Senders Deferment Account	Alpha (20)	N	If blank, and Shipment Movement Type is B2B red lane, then DHL deferment account will be applied
Recipient <i>UKIMS Number</i>	Alpha (32)	N	If shipment is a B2B movement, either shippers or recipient UKIMs must be provided to be classed as a green lane movement
Recipient EORI Number	Alpha (15)	See description	Recipient EORI Number Get an EORI number Mandatory if recipient UKIMS is provided
Number of Pieces	Num	N	Sum of quantity from all items from the clearance item rows for the same Shipment ID
Shipping Charges	Money	N	Shipping charges including decimal place e.g. 5.00
Total Value	Money	See description	Total value of all items. Decimal between 0.01 and 10000  Mandatory for C2C,C2B, B2C & B2B
Reason For Export	Alpha (1)	See description	Reason for export. G = Gift, D = Documents, S = Commercial Sample, R = Returned Goods, C = Commercial Sale, P = Repairs. Mandatory for B2B red lane movements
Clearance item This is requi	red when ser	nding Northern	Ireland shipments

Commodity Code	Num (10)	See	Commodity code requirement
Commodity Code	144111 (10)	description	dependent on trade lane movement
		description	C2C – no commodity code
			Optional
			B2C 6 digit commodity code
			C2B 6 digit commodity code
			Mandatory
			B2B 'green lane' and 'red lane' – 10 digit
			commodity code.
Description of Goods	Alpha	See	Description will be used to populate
Description of Goods	Дірпа	description	commodity code for C2B and B2C, if
		description	commodity code is not provide
Unit Quantity	Num	N	Number of units of this item
Unit Value	Num	N	Unit value of item including decimal
Offic value	Nulli	IN	point. For example, £19.88 = 19.88
Unit Weight	Num	N	Weight of item in Kgs including decimal
Offic Weight	Nulli	IN	point. For example, 25.22
Country of manufacture	Alpha (2)	N	ISO 2 country code for country of
Country of manufacture	Alpha (2)	IN	manufacture
Output Parameters:			manufacture
Output Farameters.			
Parameter Name	Туре		Description
	1 7 00		
Errors	Турс		If failed then a list of errors with error
	Турс		If failed then a list of errors with error
Errors	Турс		If failed then a list of errors with error codes and descriptions.
	Турс		If failed then a list of errors with error codes and descriptions.  A list of warnings resulting from the web
Errors	Турс		If failed then a list of errors with error codes and descriptions.
Errors	Турс		If failed then a list of errors with error codes and descriptions.  A list of warnings resulting from the web service call. For each warning in the table there will be a Code and
Errors	Турс		If failed then a list of errors with error codes and descriptions.  A list of warnings resulting from the web service call. For each warning in the table there will be a Code and Description. The warning may contain
Errors	Турс		If failed then a list of errors with error codes and descriptions.  A list of warnings resulting from the web service call. For each warning in the table there will be a Code and Description. The warning may contain valuable information to your end user
Errors	Турс		If failed then a list of errors with error codes and descriptions.  A list of warnings resulting from the web service call. For each warning in the table there will be a Code and Description. The warning may contain valuable information to your end user such as account being disabled so it is
Errors	Турс		If failed then a list of errors with error codes and descriptions.  A list of warnings resulting from the web service call. For each warning in the table there will be a Code and Description. The warning may contain valuable information to your end user such as account being disabled so it is likely you will want to display any
Errors	Турс		If failed then a list of errors with error codes and descriptions.  A list of warnings resulting from the web service call. For each warning in the table there will be a Code and Description. The warning may contain valuable information to your end user such as account being disabled so it is likely you will want to display any warning's to your end user.
Errors Warnings	Турс		If failed then a list of errors with error codes and descriptions.  A list of warnings resulting from the web service call. For each warning in the table there will be a Code and Description. The warning may contain valuable information to your end user such as account being disabled so it is likely you will want to display any warning's to your end user.  Successful if web service successful, Failed if unsuccessful.
Errors Warnings	Alpha		If failed then a list of errors with error codes and descriptions.  A list of warnings resulting from the web service call. For each warning in the table there will be a Code and Description. The warning may contain valuable information to your end user such as account being disabled so it is likely you will want to display any warning's to your end user.  Successful if web service successful,
Errors  Warnings  Result			If failed then a list of errors with error codes and descriptions.  A list of warnings resulting from the web service call. For each warning in the table there will be a Code and Description. The warning may contain valuable information to your end user such as account being disabled so it is likely you will want to display any warning's to your end user.  Successful if web service successful, Failed if unsuccessful.
Errors  Warnings  Result			If failed then a list of errors with error codes and descriptions.  A list of warnings resulting from the web service call. For each warning in the table there will be a Code and Description. The warning may contain valuable information to your end user such as account being disabled so it is likely you will want to display any warning's to your end user.  Successful if web service successful, Failed if unsuccessful.  If Successful then this is the DHL

# **ADD SEND TO THIRD PARTY**

Once you have your AuthenticationToken you are ready to start booking Send to Third Party type transactions. A Send To Third Party is a collection from an adhoc address with a delivery to another adhoc address. This is typically used to arrange the return of faulty goods to a repair centre or a consumer to consumer type movement.

**Note\*** The shipment label will be generated at the collecting DHL eCommerce UK depot. **This service does not return a base64 encoded label image**. The driver will take one printed label with him to the collection address.

## AddSendToThirdParty

Version 1.0 29/08/2024

## Test WSDL URL:

 $\underline{\text{https://services.qa.dhlparcel.co.uk/Services/UKMConsignmentServices/UKMConsignmentService.s}}\\ \underline{\text{vc?WSDL}}$ 

## Live WSDL URL:

 $\underline{https://api.ukmail.com/Services/UKMConsignmentServices/UKMConsignmentService.svc?wsdl}$ 

## Input Parameters:

		,	
Parameter Name	Туре	Mandatory	Description
Username	Alpha	Y	Username used to login.
AuthenticationToken	Alpha	Y	Token received from successful
			login.
AccountNumber	Alpha (10)	Y	DHL ECommerce UK account
			number.
CollectionDate	DateTime	Y	Date the parcels should be
			collected.
CollectionContactName	Alpha (20)	Y	Contact name of the person
			whom the parcel is being
			collected from.
CollectionBusinessName	Alpha (40)	N	Business name to be collected
			from.
CollectionAddress.Address 1	Alpha (40)	Y	First line of address.
CollectionAddress.Address 2	Alpha (40)	N	Second line of address.
CollectionAddress.Address 3	Alpha (40)	N	Third line of address.
CollectionAddress.Postal Town	Alpha (40)	Y	Name of town or city.
CollectionAddress.County	Alpha (40)	N	UK or Irish County.
CollectionAddress.Postcode	Alpha (9)	Y	Mainland UK or Irish Postal
			Code. For a full list of Irish postal
			codes, please request a copy of
			the DHL eCommerce UK
			postcode.dat file.
CollectionAddress.CountryCod	Alpha (3)	Y	GBR for United Kingdom, IRL for
е			Ireland.
CollectionEmail	Alpha (40)	N	Email address of person being
			collected from.
CollectionTelephone	Alpha (20)	Y	Telephone number of person
			being collected from.
CollectionCustomersRef	Alpha (20)	N	Your reference for this collection,
			will appear on your DHL
			eCommerce UK invoice.
			Typically an RMA number.
ServiceKey	Number	Υ	DHL eCommerce UK service
			code required. This must be a
			Send to Third Party service code
CollectionSpecialInstructions1	Alpha (30)	N	Special instructions for the
			collection driver, line 1.
CollectionSpecialInstructions2	Alpha (30)	N	Special instructions for the
			collection driver, line 2.

Description Of Canada 4	Alpha (20)	N1	Deparintion of the goods to be
DescriptionOfGoods1	Alpha (30)	N	Description of the goods to be collected line 1.
DescriptionOfGoods2	Alpha (30)	N	Description of the goods to be collected line 2.
CollectionTimeReady	DateTime	Y	Time from which the eCommerces will be ready for collection on the collection date.
CollectionOpenLunchtime	Alpha "true" or "false"	Y	Is the collection address open at lunchtime? True or false.
CollectionLatestPickup	DateTime	Y	Latest time the parcels can be collected on the collection date.
Bookin	Alpha "true" or "false"	Y	Do parcels to this address need special arrangement for delivery. e.g Department stores / Shopping centers sometimes require shipments to be "booked in" with goods in prior to the delivery attempt.
DeliveryContactName	Alpha (20)	Y	Contact name of the person being delivered to.
DeliveryBusinessName	Alpha (40)	N	Business name to be delivered to.
DeliveryAddress.Address 1	Alpha (40)	Υ	First line of address.
DeliveryAddress.Address 2	Alpha (40)	N	Second line of address.
DeliveryAddress.Address 3	Alpha (40)	N	Third line of address.
DeliveryAddress.Postal Town	Alpha (40)	Y	Name of town or city.
DeliveryAddress.County	Alpha (40)	N	UK or Irish County.
DeliveryAddress.Postcode	Alpha (9)	Y	Mainland UK or Irish Postal Code. For a full list of Irish postal codes, please request a copy of the DHL eCommerce UK postcode.dat file.
DeliveryAddress.CountryCode	Alpha (3)	Y	GBR for United Kingdom, IRL for Ireland.
DeliveryEmail	Alpha (40)	N	Email address of person being delivered to.
DeliveryTelephone	Alpha (20)	Y	Telephone number of person being delivered to.
DeliverySpecialInstructions1	Alpha (30)	N	Special instructions for the delivery driver, line 1,
DeliverySpecialInstructions2	Alpha (30)	N	Special instructions for the delivery driver, line 2,
Clearance declaration - This is			
Senders EORI Number	Alpha (15)	See description	Senders EORI Number https://www.gov.uk/eori Mandatory if sender UKIMS is provided
Shipment Movement Type	Alpha (3)	See description	This is used to confirm the trade lane movement and is not used to categorise the delivery address.  Codes to use: C2C, C2B, B2C or B2B  C2C - Shipper and recipient are consumers  C2B - Shipper is a consumer and recipient is a business

			(If shipment is going to a consumer at a business address, for example their work address, this is still a C2C movement B2C - Shipper is a business and recipient is a consumerB2B - Shipper is a business and recipient is a business and recipient is a business (If shipment is going to a consumer at a business address, for example their work address, this is still a B2C movement)
Senders UKIMS Number	Alpha (32)	N	If shipment is a B2B movement, either shippers or recipient UKIMs must be provided to be classed as a green lane movement
Senders Deferment Account	Alpha (20)	N	If blank, and Shipment Movement Type is B2B red lane, then DHL deferment account will be applied
Recipient UKIMS Number	Alpha (32)	N	If shipment is a B2B movement, either shippers or recipient UKIMs must be provided to be classed as a green lane movement
Recipient EORI Number	Alpha (15)	See description	Recipient EORI Number Get an EORI number Mandatory if recipient UKIMS is provided
Number of Pieces	Num	N	Sum of quantity from all items from the clearance item rows for the same Shipment ID
Shipping Charges	Money	N	Shipping charges including decimal place e.g 5.00
Total Value	Money	See description	Total value of all items. Decimal between 0.01 and 10000  Mandatory for C2C, C2B, B2C  & B2B
Reason For Export	Alpha (1)	See description	Reason for export. G = Gift, D = Documents, S = Commercial Sample, R = Returned Goods, C = Commercial Sale, P = Repairs. Mandatory for B2B red lane movements
Clearance item This is require	d when sending N	Northern Ireland	l shipments
Commodity Code	Num (10)	See description	Commodity code requirement dependent on trade lane movement C2C – no commodity code Optional B2C 6 digit commodity code C2B 6 digit commodity code Mandatory B2B 'green lane' and 'red lane' – 10 digit commodity code.

Description of Goods	Alpha	See description	Description will be used to populate commodity code for C2B and B2C, if commodity code
			is not provide
Unit Quantity	Num	N	Number of units of this item
Unit Value	Num	N	Unit value of item including decimal place. For example, £19.88 = 19.88
Unit Weight	Num	N	Weight of item in Kgs including decimal place. For example, 25.22
Country of manufacture	Alpha (2)	N	ISO 2 country code for country of manufacture
Output Parameters:			
Parameter Name	Туре		Description
Errors			If failed then a list of errors with error codes and descriptions.
Warnings			A list of warnings resulting from the web service call. For each warning in the table there will be a Code and Description. The warning may contain valuable information to your end user such as account being disabled so it is likely you will want to display any warning's to your end user.
Result			Successful if web service successful, Failed if unsuccessful.
ConsignmentNumber	Alpha		If Successful then this is the DHL Parcel UK Shipment Number for the send to third party generated.