

Confidential



API for Common PreAdvice

Version: 2.7

11th November, 2019
Author: Roman Knura

Document versions and changes

| | |
|-------------------------|--|
| 5 October 2017 | VERSION 1.0 |
| Webservice | Change |
| preadvice | NEW web service for Common PreAdvice |
| 13 October 2017 | VERSION 1.1 |
| Webservice | Change |
| preadvice | Test url removed and url for live revised |
| 13 February 2018 | VERSION 1.2 |
| Document | Change |
| preadvice | Added SecurityPIN and PickupId field in specification |
| 28 November 2018 | VERSION 1.3 |
| Document | Change |
| preadvice | Added WorkstationId, CreatedOffline, all the customs fields and CustomsLines section |
| 6 December 2018 | VERSION 1.4 |

| Webservice | Change |
|-------------------------|---|
| reprint label | NEW web service for Common PreAdvice |
| preadvice | add receiverType to customs fields |
| 3 January 2019 | VERSION 1.5 |
| preadvice | change the set of fields related to customs |
| 28 January 2019 | VERSION 1.6 |
| preadvice | add CreatedFromImport flag |
| consignment edit | NEW web service for Common Preadvice |
| 29 January 2019 | VERSION 1.7 |
| preadvice | add ConsignmentReference field |
| 11 February 2019 | VERSION 1.8 |
| test label | NEW web service for Common Preadvice |
| 15 April 2019 | VERSION 1.9 |
| preadvice | add PackingList field in Response message |
| packing list report | NEW web service for Packing List Report |

| | |
|--------------------------|---|
| 14 May 2019 | VERSION 2.0 |
| preadvice | Support to all types of country code following ISO 3166 |
| 08 August 2019 | VERSION 2.1 |
| preadvice | new field to indicate request sent from EndOfDay (export) |
| 08 October 2019 | VERSION 2.2 |
| preadvice | new field in Request message: ExtraLicensingRequired |
| consignment edit | new field in Request message: ExtraLicensingRequired |
| 14 May 2020 | VERSION 2.3 |
| preadvice | New field in Request message: LabelPrinted |
| consignment edit | New field in Request message: LabelPrinted |
| 5th October 2020 | VERSION 2.4 |
| preadvice | Freight cost and freight currency fields added |
| consignment edit | Freight cost and freight currency fields added |
| 5th November 2020 | VERSION 2.5 |
| preadvice | Freight cost note revised |

| | |
|---------------------------|-------------------------------|
| consignment edit | Freight cost note revised |
| 10th November 2020 | VERSION 2.6 |
| preadvice | Box 44 code example changed |
| 24th November 2020 | VERSION 2.7 |
| preadvice | SPRNRegNo description revised |
| | |

preadvice

HTTP Method: **POST**
 Content-Type: **application/xml**
 Accept: **application/xml**
 Security: **Token authentication**

LIVE ENVIRONMENT URL

<https://papi.dpd.ie/common/api/preadvice>

REQUEST HEADER

| Field | Format | Example | Description |
|---------------|--------------------------|--|--|
| Authorization | Bearer encryptedToken | "Bearer QWxhZGRpbjpPcGVuU2VzYW11 " | The encryptedToken is provided by DPD Ireland Authorisation end point API |

REQUEST – XML message

| Parameter | Type(max) | M/O | Example | Description |
|-------------|------------|-----|----------------------------|-------------|
| PreAdvice | | | XML root node | |
| Consignment | | | XML sub node for PreAdvice | |

| | | | | |
|--------------------------|----------|---|------------------------------------|--|
| RecordID | CHR | M | "001" | Custom identifier for the consignment's request – will be return in the response |
| AlertEmailAddress | CHR(200) | O | "j.smith@acme.com,a.rice@acme.com" | Email address or list of addresses delimited by comma. Addresses from this field will be used for alerting and notifying customer with the information related to the delivery process |
| AlertSmsNumber | CHR(100) | O | "0871111111,0872222222" | Mobile telephone number or list of numbers delimited by comma. For these numbers an sms text message will be sent with alerts/notifications. |
| ArrangedDeliveryDate | DATE | O | 2013-07-05 | Date when consignment should be delivered |
| AssociatedTrackingNumber | CHR | O | "123456789" | Consignment number for swapit return parcels or return receipt parcels |
| ClientCode | CHR(150) | O | "Abc123" | Customers' Client ID |
| CollectingDepot | INT | O | 44 | A DPD Ireland Depot number – parcel collection depot |
| ConsignmentDescription | CHR(255) | O | "Abc123" | Any text |
| ConsignmentDate | DATE | O | 2013-07-01 | Date when parcel was despatched |
| CustomerAccount | CHR | M | "1234L5" | A DPD Ireland Customer Identifier |

| | | | | |
|-----------------------------|----------|---|------------------------------------|--|
| DeferredTrackingNumber | INT | O | 123456789 | A DPD Ireland Deferred Consignment Number. A deferred consignment is a consignment that is not live until the first scan on the parcel is carried out. |
| DeliveryDepot | INT | O | 2 | A DPD Ireland Depot number – parcel delivery depot |
| DeliveryOption | CHR(250) | O | "Neighbour, Safe Place, Letterbox" | Alternative delivery method(s) for a parcel – can be built from list: neighbour, Safe Place and Letterbox |
| SafePlace | CHR(100) | O | "Shed, porch" | A non-standard list of places that can be used for delivery a parcel |
| ExtraInsurance | BOOLEAN | O | | 1 if extra insurance required, 0 if not |
| Gazzed | BOOLEAN | O | 0 | 1 if delivery address was already gazed, 0 if not |
| ConsignmentCreationDateTime | DATETIME | O | 2013-05-01T12:23:00 | Timestamp when the preadvice data was created |
| GazzType | CHR(30) | O | "Cds" | A type of gazing used for delivery address to find delivery depot. Can be left blank. |
| TrackingNumber | INT | O | 123456789 | A DPD Ireland Consignment Number |
| TotalParcels | INT | M | 1 | Number of parcels per consignment |

| | | | | |
|-----------------------|----------|---|----------|--|
| Relabel | BOOLEAN | M | 0 | 1 if DPD Ireland needs to create a label, 0 if not |
| ReturnDepot | INT | O | 44 | A DPD Ireland Depot number1 – parcel return depot |
| ReturnItemDescription | CHR(250) | O | "Abc123" | Special description for swapit consignment return part |
| ReturnPIN | CHR(20) | O | "1234" | A PIN number to allow deliver swapit consignment without collecting return item |
| SecurityPIN | CHR | O | "1234" | A PIN number to be allocated to the consignment which must be verified by consignee at delivery. |
| ServiceAmount | DECIMAL | O | 12.45 | Amount of cash for COD(chèque on Delivery) consignment |
| ServiceCurrency | CHR | O | "Eur" | Currency for COD consignment |
| ServiceOption | CHR | M | "5" | Can be used one of the values: 1 – COD (cheque on delivery) 2 – PDS (premium document service) 3 – RR (return receipt) 4 – SW (swapit) 5 – N (normal) |

| | | | | |
|---------------------|---------|---|-----------|---|
| ServiceType | CHR | M | "1" | Can be used one of the values: 1 – Overnight 2 – Saturday delivery 3 – Timed 4 – Special 5 – Cancelled On Arrival 6 – 2 day service |
| ServiceTime | TIME | O | 12:00:00 | Time for delivery |
| UnconditionalReturn | BOOLEAN | O | 1 | 1 if swapit consignment must have return, 0 if not |
| Weight | DECIMAL | O | 25.00 | Weight of consignment |
| WorkstationId | CHR | O | "12345-1" | Shipping Solution Workstation ID |
| CreatedOffline | BOOLEAN | O | true | Shipping Solution sends 1 when consignment was created in off-line mode |
| LabelPrinted | BOOLEAN | O | true | Shipping Solution indicates whether the label has been printed for the consignment, or not, while in offline mode. |
| CreatedFromImport | BOOLEAN | O | false | If Consignment was created from import process |
| CreatedFromExport | BOOLEAN | O | false | Indicate that this request is coming from EndOfDay (export) |

| | | | | |
|----------------------|---------|---|---------------|---|
| RejectId | CHR | O | "123456789" | Id passed from Rejections - in case the preadvice call is done after fixed reject line |
| ConsignmentReference | CHR(50) | O | "1234" | This is customer order reference |
| ShipmentId | CHR | O | "123456789" | Unique identifier for customs shipment - when original request is for more than 10 parcels - all sub-requested consignments should have the same ShipmentId |
| ReceiverType | CHR | O | Business | Mandatory for customs shipment - can be: Business or Private |
| ReceiverEORI | CHR | O | "ABC123" | Mandatory for customs shipment - mandatory if the receiver type is a Business. |
| SenderEORI | CHR | O | "ABC123" | Mandatory for customs shipment - sender EORI number |
| SPRNRegNo | CHR | O | "GB123456789" | UK VAT Number EU Sellers/Senders UK VAT Number |
| ShipmentType | CHR | O | "Merchandise" | Mandatory for customs shipment. "Documents / Merchandise" One of the above should be entered in this field. |

| | | | | |
|-------------------------|---------|---|-------------|--|
| ShipmentInvoiceCurrency | CHR | O | "GBP" | Mandatory for customs shipment. Currency used for shipment. |
| ShipmentIncoterms | CHR | O | "DAP" | Mandatory for customs shipment. default to "DAP" Should only accept the following strings. "DAP" - Receiver pays the duty and taxes "EDAP" - Sender pays the duty and taxes |
| ShipmentParcelsWeight | CHR(50) | O | "12,10,3,4" | Mandatory for customs shipment. Comma separated list with weight in kilos value for all parcels. |
| InvoiceNumber | CHR(50) | O | "inv123456" | For customs shipment. Shipment invoice number. |
| FreightCost | DECIMAL | O | 25.00 | Freight cost your company charged your customer for this delivery. Mandatory for customs shipment. |
| FreightCurrency | CHR | O | "GBP" | Mandatory for customs shipment. Currency used for freight cost. Please note the currency must be the same as the currency on the invoice. |

| Delivery Address / Collection Address / Return Address / Billing Address | XML sub node for Consignment | | | |
|--|------------------------------|---|------------------------|--|
| Contact | CHR(100) | M | "John Smith" | Contact person(s) |
| ContactTelephone | CHR(255) | M | "0871111111" | Contact telephone number(s) |
| ContactEmail | CHR(255) | O | "John.smith@acme.com" | Contact email address |
| BusinessName | CHR(100) | M | "ACME" | Company name or person name |
| AddressLine1 | CHR(100) | M | "23 Business Park" | First Line of address |
| AddressLine2 | CHR(100) | M | "Second floor, room 3" | Second line of address |
| AddressLine3 | CHR(100) | M | "Athlone" | Third Line of address – town |
| AddressLine4 | CHR(100) | M | "Westmeath" | Fourth line of address – county |
| PostCode | CHR(10) | O | "BT111AA" | Post code for Northern Ireland addresses or international |
| CountryCode | CHR | M | "IE" | ISO country code with 3 numeric digits, 2 characters or 3 characters. 826 for the UK.. |

| | | | | |
|------------------------|------------------------------|---|---------------------------------------|--|
| Method | CHR | O | "Road" | "Road" or "AirExpress" Service for international Consignments |
| PickupId | | O | IE10002 or GB90003 or 700046383 | The identifier for pickup point shop– when filled and positive validated the rest of address fields will be used as alternative address |
| PackingList | XML sub node for Consignment | | | |
| Packing | XML sub node for PackingList | | | |
| PackingReferenceNumber | CHR(50) | M | "abc123" | Packing Unique Identifier |
| ItemCode | CHR(50) | M | "Abc123" | Item unique identifier |
| Quantity | CHR | M | "1" | Item quantity |
| ItemDescription | CHR(250) | M | "Abc123" | Item additional description |
| UnitOfMeasure | CHR(50) | M | "Kgs" | Item unit of measure |
| UserDefinition1 | CHR(50) | M | "Abc123" | Item additional information |
| UserDefinition2 | CHR(50) | M | "Xyz321" | Item additional information |
| ParcelDetails | XML sub node for Consignment | | | |

| Parcel | XML sub node for ParcelDetails | | | |
|-----------------|--------------------------------|---|---------------------|------------------------------------|
| BarCode | CHR | O | "123456789" | Customers's bar code |
| ParcelNumber | INT | M | 1 | ParcelNumber |
| ParcelReference | CHR(50) | M | "123" | Unique customer parcel identifier |
| References | XML sub node for Consignment | | | |
| Reference | XML sub node for References | | | |
| ReferenceName | CHR(50) | M | "ACMEParcelNumber" | Name for the customer's reference |
| ReferenceValue | CHR(100) | M | "123abc" | Value for the customer's reference |
| ParcelNumber | INT | M | 1 | Parcel number |
| Notes | XML sub node for Consignment | | | |
| Note | XML sub node for Notes | | | |
| NoteDateTime | DATETIME | M | 2013-07-01T12:01:01 | Timestamp for note creation |
| UserId | CHR | M | "Abc123" | User Identifier |
| Content | CHR | M | "Abc123" | Note body |

| CustomsLines | XML sub node for Consignment | | | |
|-----------------|-------------------------------|---|----------------------------------|---|
| CustomsLine | XML sub node for CustomsLines | | | |
| CommodityCode | CHR | M | "ABC123" | Unique to the particular item. Multiple items may contain the same commodity code |
| CountryOfOrigin | CHR | M | 826 | ISO country code with 3 numeric digits, 2 characters or 3 characters. 826 for the UK. This is the country where the product is sourced or manufactured. |
| Description | CHR(60) | M | "Red pencils" | Description about the product |
| Quantity | INT | O | 1 | Quantity in given Measurement |
| Measurement | CHR(50) | O | "1U38" | Measurement per product |
| TotalLineValue | DECIMAL | M | 123.45 | Total value per invoice line |
| TaricAdd1 | CHR | O | "Taric Additional Code 1 (33.3)" | Taric additional code 1 |
| TaricAdd2 | CHR | O | "Taric Additional Code 2 (31.3)" | Taric additional code 2 |

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| | | | | |
|------------------------|------------------------------|---|--------|---|
| ExtraLicensingRequired | BOOLEAN | O | false | Indicate if extra licensing is required for export from Ireland |
| Box44Lines | XML sub node for CustomsLine | | | |
| Box44Line | XML sub node for Box44Lines | | | |
| Box44Code | CHR | M | "Y900" | Box44 code |
| Box44Value | CHR(50) | O | "123" | Box44 value |

OUTPUT – successful XML message

| Field | Type | M/O | Example | Description |
|----------------------------|--------------------------------------|-----|---|---|
| PreAdviceResponse | XML – root node | | | |
| Status | STRING | M | "OK" | Possible values: OK – request was received successfully ERROR – request was not received |
| PreAdviceErrorCode | STRING | O | "101" | Possibly values: 101 – error occurred on validation part 102 – internal server error |
| PreadviceErrorDetails | STRING | O | "Bad Request: Exception XSD" | Description about error |
| ReceivedConsignmentsNumber | STRING | O | "1" | How many preadvice request were processed from one message |
| Consignment | XML – sub node for PreAdviceResponse | | | |
| RecordID | STRING | M | "1" | Unique Identifier for preadvice record within a message - the same as was received from request message |
| TrackingNumber | INTEGER | M | 123456789 | A DPD Ireland consignment number assigned to preadvice request |
| DeliveryDepot | INTEGER | M | 44 | A DPD Depot Number1 – assigned after gazing the delivery address |
| LabellImage | STRING | O | "https://label.dpd.ie/consignment/api/ver1" | Link to another web service which returns the image of all consignment's |

| | | | | |
|--------------------|--------|---|--|---|
| | | | /label/86b18132-c310-440a-86a4-2e4626ad37de" | labels in pdf format or ZPL Code in txt format. |
| PackingList | STRING | O | false | possible values: true, false indicate if packing list report exists |
| RecordErrorCode | STRING | O | "201" | <p>Possibly values:</p> <p>201 – cannot assign new tracking number</p> <p>202 - cannot gazz delivery address – address is invalid</p> <p>203 - Country code is invalid</p> <p>204 - Incorrect number of parcels</p> <p>205 - Customer code is invalid</p> <p>206 - Failed to save consignments to database. Internal error: <Error details> - (contact DPD IT Support)</p> <p>207 - Internal error: consignments have not been generated in database – (contact DPD IT Support)</p> <p>208 - Consignment with this service option cannot have more than 10 parcels</p> <p>209 - Delivery address missing</p> <p>210 - Return address is required for requested service option</p> |
| RecordErrorDetails | STRING | O | "Cannot assign new tracking number" | Description about error |

| Parcel | XML – sub node for Consignment | | | |
|-------------|--|---|--|--|
| BarCode | STRING | O | "%016702814326547634351001372" | 28 digit DPD Ireland Parcel Number |
| LabellImage | STRING | O | "https://label.dpd.ie/consignment/api/ver1/label/86b18132-c310-440a-86a4-2e4626ad37de" | Link to another web service which returns the image of parcel's label in pdf format or ZPL Code in txt format. |
| CustomData | XML – sub node for Consignment or for Parcel | | | |
| Name | STRING | M | "BarcodeVisibleValue" | Name of the additional information related to the consignment or parcel |
| Value | STRING | M | "016702814326547634351001372A" | Value of the additional information related to the consignment or parcel |

Customer's parameters

The customer can be setup for the following types:

1. **Label required:** ON or OFF.
If ON the response message will contain information about the all parcels barcodes and will contains links to label images
2. **Label Type:** PDF or ZPL.
If PDF the label is generated as PDF file. If ZPL the label is generated as flat text file contains ZPL code for Zebra Printers
3. **Label Level:** Consignment or Parcel.
If Consignment level is chosen there is generating one image contains all parcels labels. If Parcel level is chosen – each parcel has its own label image

Above parameters are possible to set/change only by DPD Ireland IT Support.

Sample Requests

The request XML document should look like this sample. There can be send single consignment message or message can contain batch of consignments.

Example for sending single domestic consignment:

```
<?xml version="1.0" encoding="iso-8859-1"?>
<PreAdvice>
  <Consignment>
    <RecordID>1</RecordID>
    <CustomerAccount>1111L1</CustomerAccount>
    <DeliveryDepot>0</DeliveryDepot>
    <Gazzed>0</Gazzed>
    <ConsignmentCreationDateTime>2013-04-16T12:00:00</ConsignmentCreationDateTime>
    <GazzType>PreAdvice</GazzType>
    <TrackingNumber>0</TrackingNumber>
    <TotalParcels>1</TotalParcels>
    <Relabel>1</Relabel>
    <ServiceOption>5</ServiceOption>
    <ServiceType>1</ServiceType>
    <DeliveryAddress>
      <Contact>John Smith</Contact>
      <ContactTelephone>1234567890</ContactTelephone>
      <ContactEmail>john.smith@ie</ContactEmail>
      <BusinessName>John Smith</BusinessName>
      <AddressLine1>DPD Ireland, Westmeath</AddressLine1>
      <AddressLine2>Unit 2B Midland Gateway Bus </AddressLine2>
      <AddressLine3>Kilbeggan</AddressLine3>
      <AddressLine4>Westmeath</AddressLine4>
      <CountryCode>IE</CountryCode>
    </DeliveryAddress>
    <CollectionAddress>
      <Contact>DPD Head Office</Contact>
      <ContactTelephone>1234567890</ContactTelephone>
      <ContactEmail>dpd@ie</ContactEmail>
      <BusinessName>Depot 500</BusinessName>
      <AddressLine1>Athlone Business Park</AddressLine1>
      <AddressLine2>Dublin Road</AddressLine2>
```

```
<AddressLine3>Athlone</AddressLine3>
<AddressLine4>Westmeath</AddressLine4>
<CountryCode>IE</CountryCode>
</CollectionAddress>
<PackingList />
<ParcelDetails />
<References>
  <Reference>
    <ReferenceName>ShippingTransactionID</ReferenceName>
    <ReferenceValue>123</ReferenceValue>
    <ParcelNumber>1</ParcelNumber>
  </Reference>
  <Reference>
    <ReferenceName>FirstName</ReferenceName>
    <ReferenceValue>John</ReferenceValue>
    <ParcelNumber>1</ParcelNumber>
  </Reference>
  <Reference>
    <ReferenceName>LastName</ReferenceName>
    <ReferenceValue>Smith</ReferenceValue>
    <ParcelNumber>1</ParcelNumber>
  </Reference>
  <Reference>
    <ReferenceName>PassportNumber</ReferenceName>
    <ReferenceValue>A123A</ReferenceValue>
    <ParcelNumber>1</ParcelNumber>
  </Reference>
  <Reference>
    <ReferenceName>Nationality</ReferenceName>
    <ReferenceValue>Irish</ReferenceValue>
    <ParcelNumber>1</ParcelNumber>
  </Reference>
  <Reference>
    <ReferenceName>DateOfBirth</ReferenceName>
    <ReferenceValue>1973-01-15</ReferenceValue>
    <ParcelNumber>1</ParcelNumber>
  </Reference>
</References>
<Notes />
</Consignment>
</PreAdvice>
```

Please replace *CustomerAccount* with the value allocated to you by DPD IT Support.

Example for sending 2 consignments:

```

<?xml version="1.0" encoding="iso-8859-1"?>
<PreAdvice>
  <Consignment>
    <RecordID>1</RecordID>
    <CustomerAccount>1111L1</CustomerAccount>
    <DeliveryDepot>44</DeliveryDepot>
    <Gazzed>1</Gazzed>
    <ConsignmentCreationDateTime>2013-04-16T12:00:00</ConsignmentCreationDateTime>
    <GazzType>PreAdvice</GazzType>
    <TrackingNumber>0</TrackingNumber>
    <TotalParcels>1</TotalParcels>
    <Relabel>1</Relabel>
    <ServiceOption>5</ServiceOption>
    <ServiceType>1</ServiceType>
    <DeliveryAddress>
      <Contact>John Smith</Contact>
      <ContactTelephone>1234567890</ContactTelephone>
      <ContactEmail>john.smith@ie</ContactEmail>
      <BusinessName>John Smith</BusinessName>
      <AddressLine1>DPD Ireland, Westmeath</AddressLine1>
      <AddressLine2>Unit 2B Midland Gateway Bus </AddressLine2>
      <AddressLine3>Kilbeggan</AddressLine3>
      <AddressLine4>Westmeath</AddressLine4>
      <CountryCode>IE</CountryCode>
    </DeliveryAddress>
    <CollectionAddress>
      <Contact>DPD Head Office</Contact>
      <ContactTelephone>1234567890</ContactTelephone>
      <ContactEmail>dpd@ie</ContactEmail>
      <BusinessName>Depot 500</BusinessName>
      <AddressLine1>Athlone Business Park</AddressLine1>
      <AddressLine2>Dublin Road</AddressLine2>
      <AddressLine3>Athlone</AddressLine3>
      <AddressLine4>Westmeath</AddressLine4>
      <CountryCode>IE</CountryCode>
    </CollectionAddress>
    <PackingList />
    <ParcelDetails />
    <References>
      <Reference>

```



```
<ReferenceName>ShippingTransactionID</ReferenceName>
<ReferenceValue>123</ReferenceValue>
<ParcelNumber>1</ParcelNumber>
</Reference>
<Reference>
  <ReferenceName>FirstName</ReferenceName>
  <ReferenceValue>John</ReferenceValue>
  <ParcelNumber>1</ParcelNumber>
</Reference>
<Reference>
  <ReferenceName>LastName</ReferenceName>
  <ReferenceValue>Smith</ReferenceValue>
  <ParcelNumber>1</ParcelNumber>
</Reference>
<Reference>
  <ReferenceName>PassportNumber</ReferenceName>
  <ReferenceValue>A123A</ReferenceValue>
  <ParcelNumber>1</ParcelNumber>
</Reference>
<Reference>
  <ReferenceName>Nationality</ReferenceName>
  <ReferenceValue>Irish</ReferenceValue>
  <ParcelNumber>1</ParcelNumber>
</Reference>
<Reference>
  <ReferenceName>DateOfBirth</ReferenceName>
  <ReferenceValue>1973-01-15</ReferenceValue>
  <ParcelNumber>1</ParcelNumber>
</Reference>
</References>
<Notes />
</Consignment>
<Consignment>
  <RecordID>2</RecordID>
  <CustomerAccount>1111L1</CustomerAccount>
  <DeliveryDepot>0</DeliveryDepot>
  <Gazzed>1</Gazzed>
  <ConsignmentCreationDateTime>2013-04-16T12:00:00</ConsignmentCreationDateTime>
  <GazzType>PreAdvice</GazzType>
  <TrackingNumber>0</TrackingNumber>
  <TotalParcels>1</TotalParcels>
  <Relabel>1</Relabel>
  <ServiceOption>5</ServiceOption>
```

```
<ServiceType>1</ServiceType>
<DeliveryAddress>
  <Contact>Alan White</Contact>
  <ContactTelephone>1234567890</ContactTelephone>
  <ContactEmail>alan.white@ie</ContactEmail>
  <BusinessName>Alan White</BusinessName>
  <AddressLine1>1 Abbey Road</AddressLine1>
  <AddressLine2>Unit 12 Shoping Centre </AddressLine2>
  <AddressLine3>Athlone</AddressLine3>
  <AddressLine4>Westmeath</AddressLine4>
  <CountryCode>IE</CountryCode>
</DeliveryAddress>
<CollectionAddress>
  <Contact>DPD Head Office</Contact>
  <ContactTelephone>1234567890</ContactTelephone>
  <ContactEmail>dpd@ie</ContactEmail>
  <BusinessName>Depot 500</BusinessName>
  <AddressLine1>Athlone Business Park</AddressLine1>
  <AddressLine2>Dublin Road</AddressLine2>
  <AddressLine3>Athlone</AddressLine3>
  <AddressLine4>Westmeath</AddressLine4>
  <CountryCode>IE</CountryCode>
</CollectionAddress>
<PackingList />
<ParcelDetails />
<References />
<Notes />
</Consignment>
</PreAdvice>
```

Please replace *CustomerAccount* with the value allocated to you by DPD IT Support.

Sample Response – preadvice data accepted – customer is setup:

Label Required: OFF

For each received consignment there will be a separate section contains its details.

HTTP Status: 200 OK

```
<?xml version="1.0" encoding="utf-8" standalone="yes"?>
<PreadviceResponse>
  <Status>OK</Status>
  <PreAdviceErrorCode></PreAdviceErrorCode>
  <PreAdviceErrorDetails></PreAdviceErrorDetails>
  <ReceivedConsignmentsNumber>1</ReceivedConsignmentsNumber>
  <Consignment>
    <RecordID>1</RecordID>
    <TrackingNumber>999999999</TrackingNumber>
    <DeliveryDepot>44</DeliveryDepot>
  </Consignment>
</PreadviceResponse>
```

Sample Response – preadvice data accepted – customer is setup:

Label required: ON

Label Level: Parcel

Label Type: Pdf

For each received consignment there will be a separate section contains its details.

HTTP Status: 200 OK

```
<?xml version="1.0" encoding="utf-8" standalone="yes"?>
<PreAdviceResponse>
  <Status>OK</Status>
  <PreAdviceErrorCode></PreAdviceErrorCode>
  <PreAdviceErrorDetails></PreAdviceErrorDetails>
  <ReceivedConsignmentsNumber>1</ReceivedConsignmentsNumber>
  <Consignment>
    <RecordID>IE_20141105061506001</RecordID>
    <TrackingNumber>683208511</TrackingNumber>
    <DeliveryDepot>402</DeliveryDepot>
    <Parcel>
      <Barcode>%004530416026832085111101616</Barcode>
      <LabelImage>https://label.dpd.ie/consignment/api/ver1/label/pdf/86b18132-c310-440a-86a4-2e4626ad37de</LabelImage>
    </Parcel>
  </Consignment>
</PreAdviceResponse>
```

Sample Response – preadvice data accepted - customer is setup:

Label required: ON

Label Level: Consignment

Label Type: Pdf

For each received consignment there will be a separate section contains its details.

HTTP Status: 200 OK

```
<?xml version="1.0" encoding="utf-8" standalone="yes"?>
<PreAdviceResponse>
  <Status>OK</Status>
  <PreAdviceErrorCode></PreAdviceErrorCode>
  <PreAdviceErrorDetails></PreAdviceErrorDetails>
  <ReceivedConsignmentsNumber>1</ReceivedConsignmentsNumber>
  <Consignment>
    <RecordID>1</RecordID>
    <TrackingNumber>748213221</TrackingNumber>
    <DeliveryDepot>851</DeliveryDepot>
    <LabelImage>https://label.dpd.ie/consignment/api/ver1/label/pdf/32a0be40-4623-43ea-8860-7a207070bc43</LabelImage>
    <Parcel>
      <Barcode>%0M160RA16027482132211812826</Barcode>
    </Parcel>
    <Parcel>
      <Barcode>%0M160RA16027482132212812826</Barcode>
    </Parcel>
    <Parcel>
      <Barcode>%0M160RA16027482132213812826</Barcode>
    </Parcel>
  </Consignment>
</PreAdviceResponse>
```

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Sample Response – preadvice data accepted - customer is setup:

Label required: ON

Label Level: Consignment

Label Type: ZPL

The ZPL Code will be sent in a .Txt file

```
<PreAdviceResponse>
  <Status>OK</Status>
  <PreAdviceErrorCode/>
  <PreAdviceErrorDetails/>
  <ReceivedConsignmentsNumber>1</ReceivedConsignmentsNumber>
  <Consignment>
    <RecordID>1</RecordID>
    <TrackingNumber>751542249</TrackingNumber>
    <DeliveryDepot>44</DeliveryDepot>
    <LabelImage>https://label.dpd.ie/consignment/api/ver1/label/zebra/3505bed4-f6f5-477d-aaf5-3f0d1cab2b98</LabelImage>
    <Parcel>
      <BarCode>%023707514187515422491001372</BarCode>
    </Parcel>
  </Consignment>
</PreAdviceResponse>
```

Sample Response – preadvice data accepted - customer is setup:

Label required: ON

Label Level: Consignment

Label Type: ZPL

Consignments request with more than 10 Parcels

For each received consignment there will be a separate section containing its details. Two consignments will be created, each containing separate URLs.

```
<PreAdviceResponse>
  <Status>OK</Status>
  <PreAdviceErrorCode/>
  <PreAdviceErrorDetails/>
  <ReceivedConsignmentsNumber>1</ReceivedConsignmentsNumber>
  <Consignment>
    <RecordID>1</RecordID>
    <TrackingNumber>748213346</TrackingNumber>
    <DeliveryDepot>44</DeliveryDepot>
    <LabelImage>https:// api.dpd.ie/consignment/api/ver1/label/zebra/fb225630-2431-4676-bf9f-966b35ccf4c6</LabelImage>
    <Parcel>
      <Barcode>%023707514187482133461001372</Barcode>
    </Parcel>
    <Parcel>
      <Barcode>%023707514187482133462001372</Barcode>
    </Parcel>
    <Parcel>
      <Barcode>%023707514187482133463001372</Barcode>
    </Parcel>
    <Parcel>
      <Barcode>%023707514187482133464001372</Barcode>
    </Parcel>
    <Parcel>
      <Barcode>%023707514187482133465001372</Barcode>
  </Consignment>
</PreAdviceResponse>
```



```

</Parcel>
<Parcel>
  <Barcode>%023707514187482133466001372</Barcode>
</Parcel>
<Parcel>
  <Barcode>%023707514187482133467001372</Barcode>
</Parcel>
<Parcel>
  <Barcode>%023707514187482133468001372</Barcode>
</Parcel>
<Parcel>
  <Barcode>%023707514187482133469001372</Barcode>
</Parcel>
<Parcel>
  <Barcode>%023707514187482133460001372</Barcode>
</Parcel>
</Consignment>
<Consignment>
  <RecordID>1</RecordID>
  <TrackingNumber>748213347</TrackingNumber>
  <DeliveryDepot>44</DeliveryDepot>
  <LabelImage>https://label.dpd.ie/consignment/api/ver1/label/856323c8-0c99-4957-92d3-29609dd776a3</LabelImage>
  <Parcel>
    <Barcode>%023707514187482133471001372</Barcode>
  </Parcel>
  <Parcel>
    <Barcode>%023707514187482133472001372</Barcode>
  </Parcel>
</Consignment>
</PreAdviceResponse>

```

Sample Response – preadvice data rejected

HTTP Status: 200 OK

```

<?xml version="1.0" encoding="utf-8" standalone="yes"?>
<PreadviceResponse>

```

```
<Status>OK</Status>
<ReceivedConsignmentsNumber>0</ReceivedConsignmentsNumber>
<Consignment>
  <RecordID>1</RecordID>
  <TrackingNumber>0</TrackingNumber>
  <DeliveryDepot>44</DeliveryDepot>
  <RecordErrorCode>001</RecordErrorCode>
  <RecordErrorDetails>Cannot Assign New Tracking Number</RecordErrorDetails>
</Consignment>
<Consignment>
  <RecordID>2</RecordID>
  <TrackingNumber>999999999</TrackingNumber>
  <DeliveryDepot>0</DeliveryDepot>
  <RecordErrorCode>002</RecordErrorCode>
  <RecordErrorDetails>Delivery Address is Invalid</RecordErrorDetails>
</Consignment>
</PreadviceResponse>
```

reprint label

HTTP Method: **GET**
Accept: **application/octet-stream**
Security: **Token authentication**

LIVE ENVIRONMENT URL

https://papi.dpd.ie/common/api/consignment/relabel/{label_type}/{account_number}/{consignment_number}/{parcel_number}

TEST ENVIRONMENT URL

https://testapi.dpd.ie/common/api/consignment/relabel/{label_type}/{account_number}/{consignment_number}/{parcel_number}

REQUEST HEADER

| Field | Format | Example | Description |
|---------------|-----------------------|--|--|
| Authorization | Bearer encryptedToken | "Bearer QWxhZGRpbjpPcGVuU2VzYW1l " | The encryptedToken is provided by DPD Ireland Authorisation end point API |

URL parameters:

| Parameter | Example | Description |
|--------------------|-----------|---|
| label_type | pdf | Must be pdf or zebra |
| account_number | 1234L5 | Customer account number |
| consignment_number | 123456789 | DPD Ireland consignment number |
| parcel_number | 1 | value from 0 to 10 0 means all parcels |

SUCCESSFUL RESPONSE – PDF document or text document (with zebra ZPL code)

FAILURE RESPONSE – HTTP status

packing list report

HTTP Method: **GET**
Accept: **application/octet-stream**
Security: **Token authentication**

LIVE ENVIRONMENT URL

https://papi.dpd.ie/common/api/consignment/packinglist/{label_type}/{account_number}/{consignment_number}

TEST ENVIRONMENT URL

https://testapi.dpd.ie/common/api/consignment/packinglist/{label_type}/{account_number}/{consignment_number}

REQUEST HEADER

| Field | Format | Example | Description |
|---------------|-----------------------|--|--|
| Authorization | Bearer encryptedToken | "Bearer QWxhZGRpbjpPcGVuU2VzYW1l " | The encryptedToken is provided by DPD Ireland Authorisation end point API |

URL parameters:

| Parameter | Example | Description |
|--------------------|-----------|--------------------------------|
| label_type | pdf | Must be pdf or zebra |
| account_number | 1234L5 | Customer account number |
| consignment_number | 123456789 | DPD Ireland consignment number |

SUCCESSFUL RESPONSE – PDF document or text document (with zebra ZPL code)

FAILURE RESPONSE – HTTP status

test label

HTTP Method: **GET**

LIVE ENVIRONMENT URL

https://papi.dpd.ie/consignment/api/ver1/testlabel/{label_type}

TEST ENVIRONMENT URL

https://testapi.dpd.ie/consignment/api/ver1/testlabel/{label_type}

REQUEST HEADER

URL parameters:

| Parameter | Example | Description |
|------------|---------|----------------------|
| label_type | pdf | Must be pdf or zebra |

SUCCESSFUL RESPONSE – PDF document or text document (with zebra ZPL code)

FAILURE RESPONSE – HTTP status

consignment edit

HTTP Method: **POST**
Content-Type: **application/xml**
Accept: **application/xml**
Security: **Token authentication**

TEST ENVIRONMENT URL

<https://testapi.dpd.ie/common/api/consignment/edit>

LIVE ENVIRONMENT URL

<https://papi.dpd.ie/common/api/consignment/edit>

REQUEST HEADER

| Field | Format | Example | Description |
|---------------|-----------------------|--|--|
| Authorization | Bearer encryptedToken | "Bearer QWxhZGRpbjpPcGVuU2VzYW1l " | The encryptedToken is provided by DPD Ireland Authorisation end point API |

REQUEST – XML message

| Parameter | Type | M/O | Example | Description |
|------------------------|----------------------------|-----|------------------------------------|--|
| ConsignmentEdit | XML root node | | | |
| Consignment | XML sub node for PreAdvice | | | |
| TrackingNumber | INT | M | 123456789 | A DPD Ireland Consignment Number |
| COA | BOOLEAN | O | false | Flag consignment as Cancel On Arrival |
| AlertEmailAddress | CHR | O | "j.smith@acme.com,a.rice@acme.com" | Email address or list of addresses delimited by comma. Addresses from this field will be used for alerting and notifying customer with the information related to the delivery process |
| AlertSmsNumber | CHR | O | "0871111111,0872222222" | Mobile telephone number or list of numbers delimited by comma. For these numbers an sms text message will be sent with alerts/notifications. |
| ConsignmentDescription | CHR | O | "Abc123" | Any text |
| ConsignmentDate | DATE | O | 2013-07-01 | Date when parcel was despatched |
| CustomerAccount | CHR | O | "1234L5" | A DPD Ireland Customer Identifier |

| | | | | |
|-----------------|---------|---|------------------------------------|--|
| DeliveryOption | CHR | O | "Neighbour, Safe Place, Letterbox" | Alternative delivery method(s) for a parcel – can be built from list: neighbour, Safe Place and Letterbox |
| SafePlace | CHR | O | "Shed, porch" | A non-standard list of places that can be used for delivery a parcel |
| TotalParcels | INT | O | 1 | Number of parcels per consignment |
| ServiceAmount | DECIMAL | O | 12.45 | Amount of cash for COD(chèque on Delivery) consignment |
| ServiceCurrency | CHR | O | "Eur" | Currency for COD consignment |
| ServiceOption | CHR | O | "5" | Can be used one of the values: 1 – COD (cheque on delivery) 2 – PDS (premium document service) 3 – RR (return receipt) 4 – SW (swapit) 5 – N (normal) |
| ServiceType | CHR | O | "1" | Can be used one of the values: 1 – Overnight 2 – Saturday delivery 3 – Timed 4 – Special 5 – Cancelled On Arrival 6 – 2 day service |
| ServiceTime | TIME | O | 12:00:00 | Time for delivery |

| | | | | |
|-------------------|---------|---|-------------|---|
| Weight | DECIMAL | O | 25.00 | Weight of consignment |
| WorkstationId | CHR | O | "12345-1" | Shipping Solution Workstation ID |
| CreatedOffline | BOOLEAN | O | true | Shipping Solution sends true when consignment was created in off-line mode |
| LabelPrinted | BOOLEAN | O | true | Shipping Solution indicates whether the label has been printed for the consignment, or not, while in offline mode. |
| CreatedFromImport | BOOLEAN | O | false | Shipping Solution sends true when consignment was created from import |
| ShipmentId | CHR | O | "123456789" | Unique identifier for customs shipment - when original request is for more than 10 parcels - all sub-requested consignments should have the same ShipmentId |
| ReceiverType | CHR | O | Business | Mandatory for customs shipment - can be: Business or Private |
| ReceiverEORI | CHR | O | "ABC123" | Mandatory for customs shipment - mandatory if the receiver type is a Business. |
| SenderEORI | CHR | O | "ABC123" | Mandatory for customs shipment - sender EORI number |

| | | | | |
|-------------------------|-----|---|---------------|--|
| SPRNRegNo | CHR | O | "GB123456789" | UK VAT Number EU Sellers/Senders UK VAT Number |
| ShipmentType | CHR | O | "Merchandise" | Mandatory for customs shipment. "Documents / Merchandise" One of the above should be entered in this field. |
| ShipmentInvoiceCurrency | CHR | O | "GBP" | Mandatory for customs shipment. Currency used for shipment. |
| ShipmentIncoterms | CHR | O | "DAP" | Mandatory for customs shipment. default to "DAP" Should only accept the following strings. "DAP" - Receiver pays the duty and taxes "EDAP" - Sender pays the duty and taxes |
| ShipmentParcelsWeight | CHR | O | "12,10,3,4" | Mandatory for customs shipment. Comma separated list with weight in kilos value for all parcels. |
| InvoiceNumber | CHR | O | "inv123456" | For customs shipment. Shipment invoice number. |

| | | | | |
|------------------------------------|------------------------------|---|------------------------|--|
| FreightCost | DECIMAL | O | 25.00 | Freight cost your company charged your customer for this delivery. Mandatory for customs shipment. |
| FreightCurrency | CHR | O | "GBP" | Mandatory for customs shipment. Currency used for freight cost. Please note the currency must be the same as the currency on the invoice. |
| Delivery Address / Billing Address | XML sub node for Consignment | | | |
| Contact | CHR | O | "John Smith" | Contact person(s) |
| ContactTelephone | CHR | O | "0871111111" | Contact telephone number(s) |
| ContactEmail | CHR | O | "John.smith@acme.com" | Contact email address |
| BusinessName | CHR | O | "ACME" | Company name or person name |
| AddressLine1 | CHR | O | "23 Business Park" | First Line of address |
| AddressLine2 | CHR | O | "Second floor, room 3" | Second line of address |

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| | | | | |
|--------------|------------------------------|---|---------------------------------------|---|
| AddressLine3 | CHR | O | "Athlone" | Third Line of address – town |
| AddressLine4 | CHR | O | "Westmeath" | Fourth line of address – county |
| PostCode | CHR | O | "BT111AA" | Post code for Northern Ireland addresses or international |
| CountryCode | CHR | O | "IE" | ISO country code with 3 numeric digits, 2 characters or 3 characters. 826 for the UK. |
| Method | CHR | O | "Road" | "Road" or "AirExpress" Service for international Consignments |
| PickupId | | O | IE10002 or GB90003 or 700046383 | The identifier for pickup point shop– when filled and positive validated the rest of address fields will be used as alternative address |
| References | XML sub node for Consignment | | | |
| Reference | XML sub node for References | | | |

| | | | | |
|-----------------|-------------------------------|---|--------------------|---|
| ReferenceName | CHR | M | "ACMEParcelNumber" | Name for the customer's reference |
| ReferenceValue | CHR | M | "123abc" | Value for the customer's reference |
| ParcelNumber | INT | M | 1 | Parcel number |
| CustomsLines | XML sub node for Consignment | | | |
| CustomsLine | XML sub node for CustomsLines | | | |
| CommodityCode | CHR | O | "ABC123" | Unique to the particular item. Multiple items may contain the same commodity code |
| CountryOfOrigin | CHR | O | 826 | ISO country code with 3 numeric digits, 2 characters or 3 characters. 826 for the UK. This is the country where the product is sourced or manufactured. |
| Description | CHR | O | "Red pencils" | Description about the product |
| Quantity | INT | O | 1 | Quantity in given Measurement |
| Measurement | CHR | O | "1U38" | Measurement per product |
| TotalLineValue | DECIMAL | O | 123.45 | Total value per invoice line |

| | | | | |
|------------------------|------------------------------|---|----------------------------------|---|
| TaricAdd1 | CHR | O | "Taric Additional Code 1 (33.3)" | Taric additional code 1 |
| TaricAdd2 | CHR | O | "Taric Additional Code 2 (31.3)" | Taric additional code 2 |
| ExtraLicensingRequired | BOOLEAN | O | false | Indicate if extra licensing is required for export from Ireland |
| Box44Lines | XML sub node for CustomsLine | | | |
| Box44Line | XML sub node for Box44Lines | | | |
| Box44Code | CHR | M | "N45TY" | Box44 code |
| Box44Value | CHR | O | "123" | Box44 value |

OUTPUT – successful XML message

| Field | Type | M/O | Example | Description |
|----------------------|-----------------|-----|--|--|
| Response | XML – root node | | | |
| Status | STRING | M | "OK" | Possible values: OK – request was received successfully ERROR – request was not received |
| ResponseErrorCode | STRING | O | "101" | Possibly values: 101 – error occurred on validation part 102 – internal server error |
| ResponseErrorDetails | STRING | O | "Bad Request: Tracking Number is missing" | Description about error |

Appendix A – PreadviceRequest.xsd

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <!-- Interlink Reference Elements -->
  <xs:complexType name="ReferenceType">
    <xs:sequence>
      <xs:element name="ReferenceName" type="xs:string" />
      <xs:element name="ReferenceValue" type="xs:string" />
      <xs:element name="ParcelNumber" type="xs:integer" />
    </xs:sequence>
  </xs:complexType>
  <!-- Interlink References Elements -->
  <xs:complexType name="ReferenceDataType">
    <xs:sequence maxOccurs="unbounded" minOccurs="0">
      <xs:element name="Reference" type="ReferenceType" />
    </xs:sequence>
  </xs:complexType>
  <!-- Interlink Parcel Elements -->
  <xs:complexType name="ParcelType">
    <xs:sequence>
      <xs:element name="BarCode" type="xs:string" minOccurs="0"/>
      <xs:element name="ParcelNumber" type="xs:integer" minOccurs="1"/>
      <xs:element name="ParcelReference" type="xs:string" minOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <!-- Interlink ParcelDetails Elements -->
  <xs:complexType name="ParcelDetailsType">
    <xs:sequence maxOccurs="unbounded" minOccurs="0">
      <xs:element name="Parcel" type="ParcelType" />
    </xs:sequence>
  </xs:complexType>
  <!-- Interlink Packing Elements -->
  <xs:complexType name="PackingType">
    <xs:sequence>
      <xs:element name="PackingReferenceNumber" type="xs:string" />
    </xs:sequence>
  </xs:complexType>

```

```

    <xs:element name="ItemCode" type="xs:string" />
    <xs:element name="Quantity" type="xs:string" />
    <xs:element name="ItemDescription" type="xs:string" />
    <xs:element name="UnitOfMeasure" type="xs:string" />
    <xs:element name="UserDefinition1" type="xs:string" />
    <xs:element name="UserDefinition2" type="xs:string" />
  </xs:sequence>
</xs:complexType>
<!-- Interlink PackingList Elements -->
<xs:complexType name="PackingListType">
  <xs:sequence maxOccurs="unbounded" minOccurs="0">
    <xs:element name="Packing" type="PackingType" />
  </xs:sequence>
</xs:complexType>
<!-- Interlink Note Elements -->
<xs:complexType name="NoteType">
  <xs:sequence>
    <xs:element name="NoteDateTime" type="xs:dateTime" />
    <xs:element name="UserId" type="xs:string" />
    <xs:element name="Content" type="xs:string" />
  </xs:sequence>
</xs:complexType>
<!-- Interlink Notes Elements -->
<xs:complexType name="NotesType">
  <xs:sequence maxOccurs="unbounded" minOccurs="0">
    <xs:element name="Note" type="NoteType" />
  </xs:sequence>
</xs:complexType>
<!-- Interlink Box44Line Elements -->
<xs:complexType name="Box44LineType">
  <xs:sequence>
    <xs:element name="Box44Code" type="xs:string" minOccurs="1" />
    <xs:element name="Box44Value" type="xs:string" minOccurs="0" />
  </xs:sequence>
</xs:complexType>
<!-- Interlink Box44Lines Elements -->
<xs:complexType name="Box44LinesType">
  <xs:sequence maxOccurs="unbounded" minOccurs="0">
    <xs:element name="Box44Line" type="Box44LineType" />
  </xs:sequence>
</xs:complexType>
<!-- Interlink CustomsLine Elements -->
<xs:complexType name="CustomsLineType">

```

```

<xs:sequence>
  <xs:element name="CommodityCode" type="xs:string" minOccurs="1" />
  <xs:element name="CountryOfOrigin" type="xs:string" minOccurs="1" />
  <xs:element name="Description" type="xs:string" minOccurs="1" />
  <xs:element name="Quantity" type="xs:integer" minOccurs="0" />
  <xs:element name="Measurement" type="xs:string" minOccurs="0" />
  <xs:element name="TotalLineValue" type="xs:decimal" minOccurs="1" />
  <xs:element name="TaricAdd1" type="xs:string" minOccurs="0" />
  <xs:element name="TaricAdd2" type="xs:string" minOccurs="0" />
  <xs:element name="ExtraLicensingRequired" type="xs:boolean" minOccurs="0" />
  <xs:element name="Box44Lines" type="Box44LinesType" minOccurs="0" />
</xs:sequence>
</xs:complexType>
<!-- Interlink CustomsLines Elements -->
<xs:complexType name="CustomsLinesType">
  <xs:sequence maxOccurs="unbounded" minOccurs="0">
    <xs:element name="CustomsLine" type="CustomsLineType" />
  </xs:sequence>
</xs:complexType>
<!-- Interlink Address Elements -->
<xs:complexType name="AddressType">
  <xs:sequence maxOccurs="1" minOccurs="1">
    <xs:element name="Contact" type="xs:string" minOccurs="1"/>
    <xs:element name="ContactTelephone" type="xs:string" minOccurs="1" />
    <xs:element name="ContactEmail" type="xs:string" minOccurs="0" />
    <xs:element name="BusinessName" type="xs:string" minOccurs="1"/>
    <xs:element name="AddressLine1" type="xs:string" minOccurs="1"/>
    <xs:element name="AddressLine2" type="xs:string" minOccurs="1"/>
    <xs:element name="AddressLine3" type="xs:string" minOccurs="1"/>
    <xs:element name="AddressLine4" type="xs:string" minOccurs="1"/>
    <xs:element name="PostCode" type="xs:string" minOccurs="0" />
    <xs:element name="CountryCode" type="xs:string" minOccurs="1" />
    <xs:element name="Method" type="xs:string" minOccurs="0" />
    <xs:element name="PickupId" type="xs:string" minOccurs="0" />
  </xs:sequence>
</xs:complexType>
<!-- Main Message -->
<xs:element name="PreAdvice">
  <xs:complexType>
    <xs:sequence maxOccurs="unbounded" minOccurs="1">
      <xs:element name="Consignment">
        <xs:complexType>
          <xs:sequence maxOccurs="1" minOccurs="1">

```

```

<xs:element name="RecordID" type="xs:string" minOccurs="1" />
<xs:element name="AlertEmailAddress" type="xs:string" minOccurs="0" />
<xs:element name="AlertSmsNumber" type="xs:string" minOccurs="0" />
<xs:element name="ArrangedDeliveryDate" type="xs:date" minOccurs="0" />
<xs:element name="AssociatedTrackingNumber" type="xs:integer" minOccurs="0" />
<xs:element name="ClientCode" type="xs:string" minOccurs="0" />
<xs:element name="CollectingDepot" type="xs:integer" minOccurs="0" />
<xs:element name="ConsignmentDescription" type="xs:string" minOccurs="0" />
<xs:element name="ConsignmentDate" type="xs:date" minOccurs="0" />
<xs:element name="CustomerAccount" type="xs:string" minOccurs="1" />
<xs:element name="DeferredTrackingNumber" type="xs:integer" minOccurs="0" />
<xs:element name="DeliveryDepot" type="xs:integer" minOccurs="0" />
<xs:element name="DeliveryOption" type="xs:string" minOccurs="0" />
<xs:element name="SafePlace" type="xs:string" minOccurs="0" />
<xs:element name="ExtraInsurance" type="xs:boolean" minOccurs="0" />
<xs:element name="Gazzed" type="xs:boolean" minOccurs="0" />
<xs:element name="ConsignmentCreationDateTime" type="xs:dateTime" minOccurs="0" />
<xs:element name="GazzType" type="xs:string" minOccurs="0" />
<xs:element name="TrackingNumber" type="xs:integer" minOccurs="0" />
<xs:element name="TotalParcels" type="xs:integer" minOccurs="1" />
<xs:element name="Relabel" type="xs:boolean" minOccurs="1" />
<xs:element name="ReturnDepot" type="xs:integer" minOccurs="0" />
<xs:element name="ReturnItemDescription" type="xs:string" minOccurs="0" />
<xs:element name="ReturnPIN" type="xs:string" minOccurs="0" />
<xs:element name="SecurityPIN" type="xs:string" minOccurs="0" />
<xs:element name="ServiceAmount" type="xs:decimal" minOccurs="0" />
<xs:element name="ServiceCurrency" type="xs:string" minOccurs="0" />
<xs:element name="ServiceOption" type="xs:string" minOccurs="1" />
<xs:element name="ServiceType" type="xs:string" minOccurs="1" />
<xs:element name="ServiceTime" type="xs:time" minOccurs="0" />
<xs:element name="UnconditionalReturn" type="xs:boolean" minOccurs="0" />
<xs:element name="Weight" type="xs:decimal" minOccurs="0" />
<xs:element name="WorkstationID" type="xs:string" minOccurs="0" />
<xs:element name="CreatedOffline" type="xs:boolean" minOccurs="0" />
<xs:element name="CreatedFromImport" type="xs:boolean" minOccurs="0" />
<xs:element name="CreatedFromExport" type="xs:boolean" minOccurs="0" />
<xs:element name="RejectID" type="xs:string" minOccurs="0" />
<xs:element name="ConsignmentReference" type="xs:string" minOccurs="0" />
<xs:element name="ShipmentID" type="xs:string" minOccurs="0" />
<xs:element name="ReceiverType" type="xs:string" minOccurs="0" />
<xs:element name="ReceiverEORI" type="xs:string" minOccurs="0" />
<xs:element name="SenderEORI" type="xs:string" minOccurs="0" />
<xs:element name="SPRNRegNo" type="xs:string" minOccurs="0" />

```

```
<xs:element name="ShipmentType" type="xs:string" minOccurs="0" />
<xs:element name="ShipmentInvoiceCurrency" type="xs:string" minOccurs="0" />
<xs:element name="ShipmentIncoterms" type="xs:string" minOccurs="0" />
<xs:element name="ShipmentParcelsWeight" type="xs:string" minOccurs="0" />
<xs:element name="InvoiceNumber" type="xs:string" minOccurs="0" />
<xs:element name="DeliveryAddress" type="AddressType" minOccurs="1" />
<xs:element name="CollectionAddress" type="AddressType" minOccurs="1" />
<xs:element name="ReturnAddress" type="AddressType" minOccurs="0" />
<xs:element name="BillingAddress" type="AddressType" minOccurs="0" />
<xs:element name="PackingList" type="PackingListType" minOccurs="0" />
<xs:element name="ParcelDetails" type="ParcelDetailsType" minOccurs="0" />
<xs:element name="References" type="ReferenceDataType" minOccurs="0" />
<xs:element name="Notes" type="NotesType" minOccurs="0" />
<xs:element name="CustomsLines" type="CustomsLinesType" minOccurs="0" />
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:unique name="testUnique">
  <xs:selector xpath="PreAdvice"/>
  <xs:field xpath="RecordID"/>
</xs:unique>
</xs:element>
</xs:schema>
```

Appendix B – PreAdviceResponse.xsd

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:element name="PreAdviceResponse">
    <xs:complexType>
      <xs:sequence>
        <xs:element type="xs:string" name="Status" minOccurs="1" />
        <xs:element type="xs:string" name="PreAdviceErrorCode" minOccurs="0" />
        <xs:element type="xs:string" name="PreAdviceErrorDetails" minOccurs="0" />
        <xs:element type="xs:string" name="ReceivedConsignmentsNumber" minOccurs="0" />
        <xs:element ref="Consignment" maxOccurs="unbounded" minOccurs="0" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="Consignment">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="RecordID" type="xs:string" minOccurs="1" />
        <xs:element name="TrackingNumber" type="xs:integer" minOccurs="1" />
        <xs:element name="DeliveryDepot" type="xs:integer" minOccurs="1" />
        <xs:element name="LabelImage" type="xs:string" minOccurs="0" />
        <xs:element name="PackingList" type="xs:string" minOccurs="0" />
        <xs:element name="RecordErrorCode" type="xs:string" minOccurs="0" />
        <xs:element name="RecordErrorDetails" type="xs:string" minOccurs="0" />
        <xs:element ref="Parcel" maxOccurs="unbounded" minOccurs="0" />
        <xs:element ref="CustomData" maxOccurs="unbounded" minOccurs="0" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="Parcel">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="BarCode" type="xs:string" minOccurs="0" />
        <xs:element name="LabelImage" type="xs:string" minOccurs="0" />
        <xs:element ref="CustomData" maxOccurs="unbounded" minOccurs="0" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
```

```
<xs:element name="CustomData">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Name" type="xs:string" minOccurs="1" />
      <xs:element name="Value" type="xs:string" minOccurs="1" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:schema>
```