



PROGRAMME & DEVELOPMENT SERVICES

XML Services

Ver. 6.0

Reference Document – Shipment Validation Service
Global Schema



Table of Contents

Revision History	6
1.1 Implementation of the Service	8
1.2 About the Shipment Validation Service	8
1.3 About the Data Element Definition Tables	8
2 Shipment Validation Request.....	9
3 Shipment Validation Request Schema	10
3.1 Shipment validation request Data Element Definitions	11
3.2 Request Element	13
3.3 RegionCode Element.....	15
3.4 RequestedPickupTime Element	15
3.5 NewShipper Element	16
3.6 LanguageCode Element.....	16
3.7 PiecesEnabled Element	16
3.8 LatinResponseInd Element.....	16
3.9 Billing Element	17
3.10 Consignee Element.....	19
3.11 Commodity Element	27
3.12 Dutiable Element	27
3.13 ExportDeclaration Element.....	35
3.14 Reference Element.....	45
3.15 ShipmentDetails Element.....	46
3.16 Shipper Element.....	58
3.17 SpecialService Element	66



3.18 Notification Element	69
3.19 Place Element.....	70
3.20 EProcShip Element	75
3.21 Airwaybill Element	75
3.22 DocImages Element.....	75
3.23 LabelImageFormat Element.....	77
3.24 RequestArchiveDoc Element.....	78
3.25 NumberOfArchiveDoc Element.....	78
3.26 Label Element.....	78
3.27 ODDLinkReq Element.....	82
3.28 DGs Element.....	83
4 Shipment Validation Response Schema.....	85
4.1 Shipment validation response Data Element Definitions	87
4.2 Response Element.....	89
4.3 RegionCode Element.....	91
4.4 Note Element	91
4.5 AirwayBillNumber Element.....	92
4.6 DHLRoutingCode Element.....	92
4.7 DHLRoutingDataId Element	93
4.8 BillingCode Element	93
4.9 CurrencyCode Element	93
4.10 CourierMessage Element	93
4.11 DestinationServiceArea Element	94
4.12 OriginServiceArea Element	95
4.13 PackageCharge Element.....	97



4.14 Rated Element.....	97
4.15 ShippingCharge Element	97
4.16 InsuredAmount Element.....	98
4.17 WeightUnit Element.....	98
4.18 ChargeableWeight Element	98
4.19 DimensionalWeight Element	99
4.20 ReadyByTime Element	99
4.21 PickupCharge Element	99
4.22 CallInTime Element	99
4.23 DaysAdvanceNotice Element	99
4.24 ConversionRate Element.....	99
4.25 CountryCode Element.....	99
4.26 Pieces Element	100
4.27 Barcodes Element	101
4.28 Piece Element.....	101
4.29 Contents Element.....	101
4.30 Reference Element.....	102
4.31 Consignee Element	102
4.32 Shipper Element.....	109
4.33 AccountNumber Element.....	117
4.34 CustomerID Element.....	118
4.35 ShipmentDate Element	118
4.36 GlobalProductCode Element.....	118
4.37 ProductContentCode Element	118
4.38 ProductShortName Element	118



4.39 InternalServiceCode Element.....	119
4.40 DeliveryDateCode	119
4.41 DeliveryTimeCode	119
4.42 SpecialService Element	119
4.43 Billing Element	122
4.44 Dutiable Element	124
4.45 ExportDeclaration Element.....	131
4.46 NewShipper Element	141
4.47 PLTStatus Element.....	141
4.48 QtdSInAdCur Element	141
4.49 LabellImage Element.....	143
4.50 CustData Element.....	145
4.51 Shipmentcharges Element	145
4.52 ODDURLLink Element.....	145
4.53 DGs Element.....	145
4.54 Label Element.....	147
5 Shipment Validation Error Response Schema	150
5.1 Shipment Validation error Response Data Element Definitions.....	150
5.2 Response Element.....	150

This Document Contains 152 Numbered Pages.

Revision History

XML Services version	Release Date	Comments
5.2	20 th March 2016	<p>Minor changes and introduce new schema version 5 and changes as below</p> <ol style="list-style-type: none">1. Updated section 3.0 shipment validation request to schema version 52. Removal of ExportReason elements3. Update TermsOfTrade elements valid values as below<ol style="list-style-type: none">a. CFR Cost and freightb. FAS Free alongside Shipc. FOB Free on Board4. Documentation updates only for the elements below that required conditionally for dutiable shipments. No changes to the schema level<ol style="list-style-type: none">a. Reason for Export Codeb. Country of Manufacturingc. Terms of Traded. Declared Currency Codee. Declared Value
5.2	24 th April 2016	<p>Minor changes on all schemas to bypass rating when EProcShip flag is on and value is Y. Refer to section 3.2 for more information</p>
5.2	9 th June 2016	<p>Added LabelRegText on section 3.27</p> <p>Minor changes on ECCN field. Increase the length of ECCN from 11 to 30 characters.</p> <p>Please refer to section 3.13.3, 3.13.11.9, 4.45.3, 4.45.19.</p>



XML Services version	Release Date	Comments
5.2	2 nd Nov 2016	Introduce new schema version 5.25 and changes as below: 1. Updated section 3.0 shipment validation request to schema version 5.25. 2. Adding ODDLinkReq element in section 3.28. 3. Adding ODDURLLink element in section 4.52.
5.2	8 th Dec 2016	1. Updated ReceiptTemplate in section 3.26.3 description notes. 2. Update DocDetach in section 3.26.4 description notes.
6.0	10 th Feb 2017	1. Updated shipment request and response to support Dangerous Goods services and label rendering in section 3 and 4 respectively. 2. Updated shipment request and response to support customer barcode text and barcode image into Transport Label using GLS template - ECOM26_84CI_002 in section 3 and 4 respectively.

Note: Only Major changes will increase the version number.

1 Introduction

This document describes the XML public interface for the DHL Shipment Validation service with Global schema in v4.6. The document specifies the service functions that are offered by the shipment validation service, the XML message document used to invoke these service functions, and the response XML message document from the service.

In this document are the Shipment Validation Request and Shipment Validation Response schemas. Tables describe the data elements to be found in each schema. Following each set of tables is a sample message.

Note: These schemas conform to the May 2, 2001 XML schema recommendation of the W3C. For more information see the XML Schema page of the W3C Web site at <http://www.w3c.org/XML/Schema>.

1.1 Implementation of the Service

This service is implemented using XML messaging. The customer/partner is responsible for sending an XML message in the format displayed in the Request schema in this document. The customer/partner is responsible for implementing the capability to receive XML messages in the format displayed in the Response schema in this document.

1.2 About the Shipment Validation Service

The Shipment Validation service is used to prepare the shipment. This service creates a waybill number and license plate for each piece in the shipment on successful completion of the shipment validation request. This waybill number and license plate number are sent back to the client that can be used by client to track the shipment.

1.3 About the Data Element Definition Tables

The following tables describe the elements found in the Shipment validation service request and response messages. In the tables:

- **Element Name** is the data element's name within the XML document.
- **Datatype/Format** indicates the data element's type or format if no specific datatype is listed (for example, text strings).
- **Definition** is a short description of the data element.
- **Req(uires)** indicates whether an element is required and the number of times the element can occur in the message. Each element occurs only once, unless otherwise specified. If the element can occur more than once, the maximum number of occurrences is indicated in parentheses.
 - M indicates that the segment is mandatory.
 - O indicates that the segment is optional.
 - C indicates that segment is conditional. The condition that triggers the requirement of the segment is indicated in Definition.
 - Type indicates the value type—either numeric, alphanumeric (indicated in the table as A/N),

date, or integer.

- Length indicates the length of the value. Any special format of the field value is indicated in parentheses.
- Valid Values indicates required values, if any. Where specific values are expected, the value passed in the message is indicated in bold text, followed by the literal meaning in parentheses.

2 Shipment Validation Request

The following is the Shipment validation request global schema. Following the schema is a table outlining the data elements found in the schema. Each element in the schema is defined in brief wherever it occurs.

3 Shipment Validation Request Schema

All Global Shipment Validation Requests should conform schema version 5.25 as below:

Schema Version 6.0:

```
<?xml version="1.0"?>
<xsd:schema xmlns:dhl="http://www.dhl.com/datatypes_global" xmlns="http://www.dhl.com"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" targetNamespace="http://www.dhl.com"
elementFormDefault="unqualified">
  <xsd:import namespace="http://www.dhl.com/datatypes_global"
schemaLocation="./xsd/datatypes_global_v4.xsd"/>
  <xsd:element name="ShipmentRequest">
    <xsd:annotation>
      <xsd:documentation>Root element of Shipment Validation Global
request</xsd:documentation>
    </xsd:annotation>
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element name="Request" type="dhl:Request"/>
        <xsd:element name="RegionCode" type="dhl:RegionCode" minOccurs="0"/>
        <xsd:element name="RequestedPickupTime" type="dhl:YesNo" minOccurs="0"/>
        <xsd:element name="NewShipper" type="dhl:YesNo" minOccurs="0"/>
        <xsd:element name="LanguageCode" type="dhl:LanguageCode" default="en"/>
        <xsd:element name="PiecesEnabled" type="dhl:PiecesEnabled"/>
        <xsd:element name="LatinResponseInd" type="dhl:YesNo" minOccurs="0"/>
        <xsd:element name="Billing" type="dhl:Billing"/>
        <xsd:element name="Consignee" type="dhl:Consignee"/>
        <xsd:element name="Commodity" type="dhl:Commodity" minOccurs="0"
maxOccurs="unbounded"/>
        <xsd:element name="Dutiable" type="dhl:Dutiable"/>
        <xsd:element name="ExportDeclaration" type="dhl:ExportDeclaration"
minOccurs="0"/>
        <xsd:element name="Reference" type="dhl:Reference" minOccurs="0"
maxOccurs="unbounded"/>
        <xsd:element name="ShipmentDetails" type="dhl:ShipmentDetails"/>
        <xsd:element name="Shipper" type="dhl:Shipper"/>
        <xsd:element name="SpecialService" type="dhl:SpecialService" minOccurs="0"
maxOccurs="10"/>
        <xsd:element name="Notification" type="dhl:Notification" minOccurs="0"/>
        <xsd:element name="Place" type="dhl:Place" minOccurs="0"/>
        <xsd:element name="EProcShip" type="dhl:YesNo" minOccurs="0"/>
        <xsd:element name="Airwaybill" type="dhl:AWBNumber" minOccurs="0"/>
        <xsd:element name="DocImages" type="dhl:DocImages" minOccurs="0"/>
        <xsd:element name="LabelImageFormat" type="dhl:LabelImageFormat"
minOccurs="0"/>
        <xsd:element name="RequestArchiveDoc" type="dhl:YesNo" minOccurs="0"/>
        <xsd:element name="NumberOfArchiveDoc" type="dhl:NumberOfArchiveDoc"
minOccurs="0"/>
        <xsd:element name="Label" type="dhl:Label" minOccurs="0"/>
        <xsd:element name="ODDLinkReq" type="dhl:YesNo" minOccurs="0"/>
        <xsd:element name="DGs" type="dhl:DGs" minOccurs="0"/>
      </xsd:sequence>
      <xsd:attribute name="schemaVersion" type="xsd:decimal" use="required" fixed="6.0"/>
    </xsd:complexType>
  </xsd:element>
</xsd:schema>
```



3.1 Shipment validation request Data Element Definitions

The following table describes the data elements found in the Shipment Validation Request schema:

Element Name	Datatype/Format	Req	Definition	Valid Values
Request	dhl:Request	M	Identifies the message as a request message	
RegionCode	dhl:Region	O	Indicates the region code of the shipment request	AP – Asia Pacific + Emerging Market EU – Europe (EU + Non-EU) AM – Americas (LatAm + US + CA)
RequestedPickupTime	dhl:YesNo	O	Indicates whether a pickup time is requested – this is a flag	Y (Yes) N (No)
NewShipper	dhl:YesNo	O	Indicates whether it is a new shipper	Y (Yes) N (No)
LanguageCode	dhl:LanguageCode	M	Code identifying the language used by Requestor	Please refer to the Reference Data (Language Codes).
PiecesEnabled	dhl:PiecesEnabled	M	Information for retrieving the piece details.	‘Y’ – License Plate Number(s) will be generated Default ‘Y’
LatinResponseInd	dhl:YesNo	O	Indicates whether the user would like to receive the response in Latin or as per request. Note: Currently only workable for Cyrillic configured countries.	Y (Yes) N (No)
Billing	dhl:Billing	M	Billing information	
Consignee	dhl:Consignee	M	Identifies the consignee (receiver) of the shipment	
Commodity	dhl:Commodity	O	Identifies the commodity or commodities being shipped	
Dutiable	dhl:Dutiable	O	For international shipments, information that defines the types of duties to be levied	Non-dutiable or Doc: These are shipments with no monetary value and are known as documents or general correspondence. Dutiable or Non Doc: All other shipments classified as dutiable shipments by Customs may be levied customs duties and taxes for entrance into the destination country. Please work with your DHL representative if you have questions about shipment dutiable status
ExportDeclaration	dhl:ExportDeclaration	O	For international shipments, information to be used for export of the shipment	
Reference	dhl:Reference	O	Reference identifier information	
ShipmentDetails	dhl:ShipmentDetails	M	Details of the entire shipment	
Shipper	dhl:Shipper	M	Information identifying the shipper	
SpecialService	dhl:SpecialService	O	Details special services requested for the shipment	



Element Name	Datatype/Format	Req	Definition	Valid Values
Notification	dhl:Notification	O	Notification email message	For multiple email addresses, it must be separated by a semicolon ';'.
Place	dhl:Place	C	Default pickup data sent whenever RequestedPickupTime = 'Y'	
EProcShip	dhl:YesNo	O	Flag to indicate if the Waybills should be generated or not.	'Y' – waybill number will not be generated. 'N' – waybill number will be generated. Default 'N'.
Airwaybill	dhl:AWBNumber	O	Waybill number of the Paperless Trade (PLT) shipment. This field must be provided in the request for Image Upload service.	
DocImages	dhl:DocImages	C	Commercial Invoice or other supporting document images for Paperless Trade (PLT) shipments only Note: This is supported for PLT shipments only and mandatory required for PLT shipments.	
LabelImageFormat	dhl:LabelImageFormat	O	Flag to request GLS generated Transport label and Archive document image in Shipment Validation response XML in the specific output format	EPL2 (Eltron Programming Language version 2) PDF (Portable Document Format) ZPL2 (Zebra Programming Language version 2)
RequestArchiveDoc	dhl:YesNo	O	Flag to indicate whether Archive document is required in shipment response XML	'Y' - Archive document will be returned in shipment response XML. 'N' - Archive document will not be returned in shipment response XML.
NumberOfArchiveDoc	Dhl:NumberOfArchiveDoc	O	Indicates how many archive document will be generated	'1' – One archive document will be returned '2' – Two archive documents will be returned
Label	dhl:Label	O	Label element that consists of GLS label template, Customer Logo image and the image format, resolution	



Element Name	Datatype/Format	Req	Definition	Valid Values
ODDLinkReq	dhl:YesNo	O	Flag to indicates whether to receive URL link for On Demand Delivery page	'Y' – URL link for On Demand Delivery page will be returned if it meets the criteria at On Demand Delivery application in shipment reponse XML. 'N' - URL link for On Demand Delivery page will not be returned in shipment response XML. Default value: 'N'
DGs	dhl:DGs	O	Dangerous good items element	

3.2 Request Element

The element contains the header information for the message. It is present in both the request and response XML message. The request element contains a complex data type Service Header.

```
<xsd:complexType name="Request">
  <xsd:annotation>
    <xsd:documentation>Generic request header</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="ServiceHeader" type="ServiceHeader"/>
  </xsd:sequence>
</xsd:complexType>
```

3.2.1 ServiceHeader Element

The ServiceHeader element contains the header information about the request message. This element must be declared only once in the Request element.

```
<xsd:complexType name="ServiceHeader">
  <xsd:annotation><xsd:documentation>Standard routing header</xsd:documentation></xsd:annotation>
  <xsd:sequence>
    <xsd:element name="MessageTime" type="xsd:dateTime" minOccurs="0">
      <xsd:annotation><xsd:documentation>Time this message is sent</xsd:documentation></xsd:annotation>
    </xsd:element>
    <xsd:element name="MessageReference" type="MessageReference" >
      <xsd:annotation>
        <xsd:documentation>A string, preferably number, to uniquely identify individual
          messages. Minimum length must be 28 and maximum length is 32 </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="SiteID" type="SiteID" />
    <xsd:element name="Password" type="Password"/>
  </xsd:sequence>
</xsd:complexType>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
--------------	-----------------	-----	------------	--------------

MessageTime	xsd:dateTime	M	Identifies the message time.	
MessageReference	MessageReference	M	Message reference number.	
SiteID	SiteID	M	Identifies the sender of the request message. It is a mandatory field in the request message.	
Password	Password	M	Authenticates the sender of the message. It is a mandatory field in the request message.	

3.2.1.1 MessageTime Element

The MessageTime element contains the time at which the message was sent by the requestor. The format of the element should be YYYY-MM-DD(T)hh-mm-ss-Time Zone where “T” is the separator between date and time.

e.g. 2002-12-02T13:23:18-07:00

```
<xsd:element name="MessageTime" type="xsd:dateTime" minOccurs="0"> <xsd:annotation><xsd:documentation>Time this message is
sent</xsd:documentation> </xsd:annotation>
</xsd:element>
```

3.2.1.2 MessageReference Element

The MessageReference element should contain a unique reference to the message, so that trace of a particular message can easily be carried out. It must be a minimum length of 28 and maximum 32. The value can be decided by the customer.

```
<xsd:simpleType name="MessageReference"> <xsd:annotation>
  <xsd:documentation>Reference to the requested Message</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="28"/>
    <xsd:maxLength value="32"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.2.1.3 SiteID Element

The SiteID element is used to identify the requestor of the message. Each partner/customer is provided with the site id and password. Each request message received is validated with this before proceeding forward.

```
<xsd:simpleType name="SiteID"> <xsd:annotation>
  <xsd:documentation>Site ID used for verifying the sender</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="6"/>
    <xsd:maxLength value="20"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.2.1.4 Password Element

The Password element is used to verify the requestor of the message. Each partner/customer is provided with the site id and password. Each request message received is validated with this before proceeding forward.

```
<xsd:simpleType name="Password"> <xsd:annotation>
  <xsd:documentation>Password used for verifying the sender</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="6"/>
    <xsd:maxLength value="12"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.3 RegionCode Element

The RegionCode element indicates the shipment to be route to the specific region eCom backend. It is a optional field. The valid values are AP, EU and AM.

```
<xsd:element name="RegionCode" type="dhl:RegionCode"/>

<xsd:simpleType name="RegionCode">
<xsd:annotation>
  <xsd:documentation>RegionCode</xsd:documentation>
</xsd:annotation>
<xsd:restriction base="xsd:string">
  <xsd:minLength value="2" />
  <xsd:maxLength value="2"/>
  <xsd:enumeration value="AP"/>
  <xsd:enumeration value="EU"/>
  <xsd:enumeration value="AM"/>
</xsd:restriction>
</xsd:simpleType>
```

3.4 RequestedPickupTime Element

The RequestedPickupTime element indicates whether a pickup time is requested or not. It is a mandatory field. The valid values are Y (Yes) and N (No). If the value equals to Y, eCom Backend will return <ReadyByTime> and <CallInTime>, which query based on Postcode or City name. This logic only applicable for AM region.

```
<xsd:element name="RequestedPickupTime" type="dhl:YesNo"/>

</xsd:element>
  <xsd:simpleType name="YesNo">
    <xsd:annotation><xsd:documentation>Boolean flag</xsd:documentation> </xsd:annotation>
    <xsd:restriction base="xsd:string">
      <xsd:length value="1"/>
      <xsd:enumeration value="Y"/>
      <xsd:enumeration value="N"/>
    </xsd:restriction>
  </xsd:simpleType>
```

3.5 NewShipper Element

The NewShipper element indicates whether shipper is new or not. The valid values are Y (Yes) and N (No).

```
<xsd:element name="NewShipper" type="dhl:YesNo"/>

<xsd:simpleType name="YesNo">
  <xsd:annotation><xsd:documentation>Boolean flag</xsd:documentation></xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1"/>
    <xsd:enumeration value="Y"/>
    <xsd:enumeration value="N"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.6 LanguageCode Element

LanguageCode element contains the ISO language code used by the requestor. This element should be declared once in the Shipment validation request message. It contains the following elements:

```
<xsd:simpleType name="LanguageCode">
  <xsd:annotation><xsd:documentation>ISO Language Code</xsd:documentation></xsd:annotation>
  <xsd:restriction base="xsd:string"/>
</xsd:simpleType>
```

3.7 PiecesEnabled Element

The PiecesEnabled element is a mandatory field and it signifies whether to retrieve the Piece details along with the License Plate information or not in shipment response.

```
<xsd:simpleType name="PiecesEnabled">
<xsd:annotation><xsd:documentation>Pieces Enabled Flag</xsd:documentation></xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="Y"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.8 LatinResponseInd Element

The LatinResponseInd element contains the indication from user whether the response xml will be transliterated to Latin characters. Currently, it is only workable for Cyrillic configured countries.

```
<xsd:element name="LatinResponseInd" type="dhl:YesNo" minOccurs="0"/>
```

Note: Currently only workable for Cyrillic configured countries.



3.9 Billing Element

The Billing element contains the billing information of the shipment. It contains the following elements:

```
<xsd:complexType name="Billing">
  <xsd:sequence>
    <xsd:element name="ShipperAccountNumber" type="AccountNumber"/>
    <xsd:element name="ShippingPaymentType" type="ShipmentPaymentType"/>
    <xsd:element name="BillingAccountNumber" type="AccountNumber" minOccurs="0"/>
    <xsd:element name="DutyPaymentType" type="DutyTaxPaymentType" minOccurs="0"/>
    <xsd:element name="DutyAccountNumber" type="AccountNumber" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

Element Name	Datatype/Format	Req	DHL Account Number	Valid Values
ShipperAccountNumber	dhl:AccountNumber	M	DHL Account Number	
ShippingPaymentType	dhl:PaymentType	M	Method of Payment	S (Shipper) R (Recipient) T (Third Party/Other)
BillingAccountNumber	dhl:AccountNumber	C	Shipment bill to account. Required if ShippingPaymentType is other than 'S'	
DutyPaymentType	dhl:DutyTaxPaymentType	O	Duty and tax charge payment type It is required for non-doc or dutiable products. Please refer to Reference Data (Global Product Codes).	S (Shipper) R (Recipient) T (Third Party/Other)
DutyAccountNumber	dhl:AccountNumber	C	Required if Duty Payment Type is 'T'	

3.9.1 ShipperAccountNumber Element

The ShipperAccountNumber element contains the DHL account number. This element must be declared once in the Bill element.

```
<xsd:element name="ShipperAccountNumber" type="AccountNumber"/>
<xsd:simpleType name="AccountNumber">
  <xsd:annotation>
    <xsd:documentation>DHL Account Number</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="12" />
  </xsd:restriction>
</xsd:simpleType>
```

3.9.2 ShippingPaymentType Element

The ShippingPaymentType element defines the method of payment. It is a mandatory field. The valid values are S:Shipper, R:Recipient and T:Third Party.

```
<xsd:element name="ShippingPaymentType" type="ShipmentPaymentType"/>

<xsd:simpleType name="ShipmentPaymentType"> <xsd:annotation>
  <xsd:documentation>Shipment payment type (S:Shipper,R:Recipient,T:Third Party)</xsd:documentation>
</xsd:annotation>
  <xsd:restriction base="xsd:string">
```

```
<xsd:length value="1"/>
<xsd:enumeration value="S"/>
<xsd:enumeration value="R"/>
<xsd:enumeration value="T"/>
</xsd:restriction>
</xsd:simpleType>
```

3.9.3 BillingAccountNumber Element

The BillingAccountNumber element contains billing account number. This element is required even if the payment method is third party or consignee.

```
<xsd:element name="BillingAccountNumber" type="AccountNumber"/>

<xsd:simpleType name="AccountNumber">
  <xsd:annotation>
    <xsd:documentation>DHL Account Number</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="12" />
  </xsd:restriction>
</xsd:simpleType>
```

3.9.4 DutyPaymentType Element

The DutyPaymentType element contains the method of duty and tax payment. It is required for non-doc or dutiable products. Please refer to Reference Data (Global Product Codes). The valid values are S:Shipper, R:Recipient, T:Third Party.

```
<xsd:element name="DutyPaymentType" type="DutyTaxPaymentType"/>

<xsd:simpleType name="DutyTaxPaymentType">
  <xsd:annotation>
    <xsd:documentation>Duty and tax charge payment type (S:Shipper, R:Recipient, T:Third Party/Other)</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1"/>
    <xsd:enumeration value="S"/>
    <xsd:enumeration value="R"/>
    <xsd:enumeration value="T"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.9.5 DutyAccountNumber Element

The DutyAccountNumber element contains the account number which is used in duty and tax payment.

```
<xsd:element name="DutyAccountNumber" type="AccountNumber" minOccurs="0"/>

<xsd:simpleType name="AccountNumber">
  <xsd:annotation><xsd:documentation>DHL Account Number</xsd:documentation></xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="12" />
  </xsd:restriction>
</xsd:simpleType>
```

3.10 Consignee Element

Consignee element contains the details of the Consignee (Receiver of the shipment). This element should be declared once in the shipment validation request message. It contains the following elements:

```
<xsd:complexType name="Consignee">
  <xsd:sequence>
    <xsd:element name="CompanyName" type="CompanyNameValidator" />
    <xsd:element name="SuiteDepartmentName" type="SuiteDepartmentName" minOccurs="0" />
    <xsd:element name="AddressLine" type="AddressLine" minOccurs="1" maxOccurs="3"/>
    <xsd:element name="City" type="City" minOccurs="0"/>
    <xsd:element name="Division" type="Division" minOccurs="0"/>
    <xsd:element name="DivisionCode" type="DivisionCode" minOccurs="0"/>
    <xsd:element name="PostalCode" type="PostalCode" minOccurs="0"/>
    <xsd:element name="CountryCode" type="CountryCode"/>
    <xsd:element name="CountryName" type="CountryName"/>
    <xsd:element name="FederalTaxId" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:minLength value="0"/></xsd:minLength>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="StateTaxId" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:minLength value="0"/></xsd:minLength>
          <xsd:maxLength value="20"/></xsd:maxLength>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="Contact" type="Contact"/>
    <xsd:element name="Suburb" type="Suburb" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
CompanyName	dhl: CompanyNameValidator	M	Name of company/business	Min:2 Max:35
SuiteDepartmentName	SuiteDepartmentName	O	Suite or department name	Less than 35 characters
AddressLine	dhl:AddressLine	M	Address lines (Note: At least one address line must contain data)	
City	dhl:City	O	City Name Note: Mandatory for country that used postcode	Refer to the Reference Data (DHL Country)



Element Name	Datatype/Format	Req	Definition	Valid Values
Division	dhl:Division	C	Division/State/ssPrefecture/Province name	Refer to the Reference Data (DHL Country)
DivisionCode	dhl:DivisionCode	C	Division/State/Prefecture/Province code	Refer to the Reference Data (DHL Country)
PostalCode	dhl:PostalCode	O	Zip/Postal code	Refer to the Reference Data (DHL Country)
CountryCode	dhl:CountryCode	M	DHL Country code	Refer to the Reference Data (DHL Country)
CountryName	dhl:CountryName	M	DHL Country Name	Refer to the Reference Data (DHL Country)
FederalTaxId	xsd:string	C	Federal Tax Id Note: Mandatory for domestic shipment of country code = BR (Brazil)	Less than 20 characters
StateTaxID	xsd:string	C	State Tax ID Note: Mandatory for domestic shipment of country code = BR (Brazil)	Less than 20 characters
Contact	dhl:Contact	M	Complex datatype – see the contact datatype table below	
Suburb	dhl:Suburb	O	Suburb	Less than 35 characters

3.10.1 CompanyName Element

The CompanyName element contains the name of the company.

```
<xsd:element name="CompanyName">  
  <xsd:annotation>  
    <xsd:documentation>Unless location type is residence, company name is required</xsd:documentation>  
  </xsd:annotation>  
  <xsd:simpleType>  
    <xsd:restriction base="xsd:string">  
      <xsd:minLength value="2"/>  
      <xsd:maxLength value="35"/>  
    </xsd:restriction>  
  </xsd:simpleType>  
</xsd:element>
```

Note: Using a CDATA definition is recommended for contents of this element.

It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.10.2 SuiteDepartmentName Element

The SuiteDepartmentName element contains the suite or department name of the company.

```
<xsd:element name="SuiteDepartmentName" type="SuiteDepartmentName" minOccurs="0" />

<xsd:simpleType name="SuiteDepartmentName">
  <xsd:annotation>
    <xsd:documentation>SuiteDepartmentName</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element.

It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.10.3 AddressLine Element

The AddressLine element contains the address to the consignee (Receiver) place. There are two elements for address. The first element Address1 is mandatory.

```
<xsd:element name="AddressLine" type="AddressLine" minOccurs="1" maxOccurs="3"/>

<xsd:annotation><xsd:documentation>Address Line</xsd:documentation></xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" fixed="false"/>
  </xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element.

It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.10.4 City Element

The City element contains the City of the consignee address. It must be declared in the Consignee element for country that used city.

```
<xsd:simpleType name="City" minOccurs="0">

<xsd:annotation><xsd:documentation>City name</xsd:documentation></xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35"/>
  </xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element.

It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.10.5 Division Element

The Division name of the consignee location, for instance State, County, Prefecture, etc.

```
<xsd:element name="Division" type="Division" minOccurs="0"/>
```

```
<xsd:simpleType name="Division">
  <xsd:annotation>
    <xsd:documentation>Division (e.g. state, prefecture, etc.) name</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element. It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.10.6 DivisionCode Element

The division code of the consignee location.

```
<xsd:element name="DivisionCode" type="DivisionCode" minOccurs="0"/>
```

```
<xsd:simpleType name="DivisionCode">
  <xsd:annotation>
    <xsd:documentation>Division (e.g. state, prefecture, etc.) code</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element. It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.10.7 PostalCode Element

The Postal Code element contains the postal code of the consignee location.

```
<xsd:element name="PostalCode" type="PostalCode" minOccurs="0"/>
```

```
<xsd:simpleType name="PostalCode">
  <xsd:annotation>
    <xsd:documentation>Full postal/zip code for address</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="12" />
  </xsd:restriction>
</xsd:simpleType>
```

3.10.8 CountryCode Element

The Country Code element contains the country code of the consignee location. It must be 2 letters. Please refer to the Reference Data (DHL Country) for country codes.

```
<xsd:element name="CountryCode" type="CountryCode"/>

<xsd:simpleType name="CountryCode">
  <xsd:annotation>
    <xsd:documentation>ISO country codes</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="2" />
  </xsd:restriction>
</xsd:simpleType>
```

3.10.9 CountryName Element

The CountryName element contains country name of the consignee. Its value should be a valid DHL country name. This element must be declared once in the Consignee element. Please refer to the Reference Data (DHL Country) for a list of valid country names.

```
<xsd:element name="CountryName" type="CountryName"/>

<xsd:simpleType name="CountryName">
  <xsd:annotation>
    <xsd:documentation>ISO country name</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```

3.10.10 FederalTaxId Element

The FederalTaxId element contains consignee's Federal Tax ID info. It is a mandatory field for Brazil's domestic shipments.

```
<xsd:element name="FederalTaxId" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:minLength value="0"/></xsd:minLength>
      <xsd:maxLength value="20"/></xsd:maxLength>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

3.10.11 StateTaxID Element

The StateTaxID element contains consignee's State Tax ID info. It is a mandatory field for Brazil's domestic shipments.

```
<xsd:element name="StateTaxId" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
```

```

        <xsd:minLength value="0"/></xsd:minLength>
        <xsd:maxLength value="20"/></xsd:maxLength>
    </xsd:restriction>
</xsd:simpleType>
</xsd:element>

```

3.10.12 Contact Element

The Contact element contains the receiver's contact information. It must be declared in the consignee element. The element contains the following elements.

```

<xsd:complexType name="Contact"><xsd:sequence>
    <xsd:element name="PersonName" type="PersonName"/>
    <xsd:element name="PhoneNumber" type="PhoneNumber"/>
    <xsd:element name="PhoneExtension" type="PhoneExtension" minOccurs="0"/>
    <xsd:element name="FaxNumber" type="PhoneNumber" minOccurs="0"/>
    <xsd:element name="Telex" type="Telex" minOccurs="0"/>
    <xsd:element name="Email" type="EmailAddress" minOccurs="0"/>
    <xsd:element name="MobilePhoneNumber" type="MobilePhoneNumber" minOccurs="0"/>
</xsd:sequence>
</xsd:complexType>

```

Element Name	Datatype/Format	Req	Definition	Valid Values
PersonName	PersonName	M	Contact person name	min: 2 max:35
PhoneNumber	PhoneNumber	M	Telephone number	Less than 25 characters
PhoneExtension	PhoneExtension	O	Telephone extension number	Less than 5 characters
FaxNumber	PhoneNumber	O	Fax number	Less than 25 characters
Telex	Telex	O	Telex number and answer back code	Less than 25 characters
Email	Email	O	Email address	Less than 50 characters
MobilePhoneNumber	MobilePhoneNumber	O	Mobile phone number	Less than 25 characters

3.10.12.1 PersonName Element

The PersonName element contains the name of the receiver. It is a mandatory element in the consignee's Contact element. It is a string with a maximum length of 35.

```

<xsd:element name="PersonName" type="PersonName"/>

<xsd:element name="PersonName">
    <xsd:annotation>
        <xsd:documentation>Contact Person Name</xsd:documentation> </xsd:annotation>
    <xsd:simpleType>
        <xsd:restriction base="xsd:string">
            <xsd:minLength value="2"/>
            <xsd:maxLength value="35"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>

```

Note: Using a CDATA definition is recommended for contents of this element.

It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.10.12.2 PhoneNumber Element

The Phone element contains the receiver's phone number. It is a mandatory element in the consignee's Contact Element.

```
<xsd:element name="PhoneNumber" type="PhoneNumber"/>

<xsd:element name="PhoneNumber">
  <xsd:annotation><xsd:documentation>Contact Phone Number</xsd:documentation></xsd:annotation>
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="25"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

3.10.12.3 PhoneExtension Element

The PhoneExtension element is the extension number of the consignee. It is an optional element in the consignee's contact Element. The value must be maximum 5 digits long.

```
<xsd:element name="PhoneExtension" minOccurs="0">
  <xsd:simpleType name="PhoneExtension">
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="5" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

3.10.12.4 FaxNumber Element

This element contains the fax number of the consignee. It is an optional element in the consignee contact Element.

```
<xsd:element name="FaxNumber" type="PhoneNumber" minOccurs="0"/>
<xsd:element name="PhoneNumber">
  <xsd:annotation><xsd:documentation>Contact Phone Number</xsd:documentation></xsd:annotation>
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="25"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

3.10.12.5 Telex Element

This element contains telex number and answer back code.

```
<xsd:element name="Telex" type="Telex" minOccurs="0">
  <xsd:simpleType name="Telex">
    <xsd:annotation>
      <xsd:documentation>Telex number and answer back code</xsd:documentation>
    </xsd:annotation>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="25"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

3.10.12.6 Email Element

This element contains the email address of the consignee.

```
<xsd:element name="Email" type="EmailAddress" minOccurs="0"/>

<xsd:simpleType name="EmailAddress">
  <xsd:annotation>
    <xsd:documentation>Email address containing '@'</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="60"/>
  </xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element.
It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format.

3.10.12.7 MobilePhoneNumber Element

The MobilePhoneNumber element contains the consignee's mobile phone number. It is an optional element in the consignee's contact Element. The value consist of maximum 25 numbers.

```
<xsd:simpleType name="MobilePhoneNumber" minOccurs="0">
    <xsd:annotation>
        <xsd:documentation>Mobile Phone Number</xsd:documentation>
    </xsd:annotation>
    <xsd:simpleType>
        <xsd:restriction base="xsd:positiveInteger">
            <xsd:maxInclusive value="99999999999999999999999999999999"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
```

3.10.13 Suburb

The suburb element contains consignee's suburb name. It is an optional field

```
<xsd:element name="Suburb" type="Suburb" minOccurs="0"/>\n\n<xsd:simpleType name="Suburb">\n  <xsd:annotation>\n    <xsd:documentation>Suburb name</xsd:documentation>\n  </xsd:annotation>\n  <xsd:restriction base="xsd:string">\n    <xsd:maxLength value="35"/>\n  </xsd:restriction>\n</xsd:simpleType>
```

3.11 Commodity Element

The commodity element identifies the commodity or commodities being shipped. This element should be declared once in the shipment validation request message. It contains the following elements:

```
<xsd:complexType name="Commodity">
  <xsd:sequence>
    <xsd:element name="CommodityCode" type="CommodityCode"/>
    <xsd:element name="CommodityName" type="CommodityName" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
CommodityCode	CommodityCode	M	Commodity Codes for the shipment contents	<= 20 characters
CommodityName	CommodityName	O	Commodity name of the shipment contents	<= 35 characters

3.11.1 CommodityCode Element

The CommodityCode element contains the commodity code of the shipment contents. Its value should be between 1 and 20 characters of string. This field is mandatory.

```
<xsd:simpleType name="CommodityCode">
  <xsd:annotation>
    <xsd:documentation>Commodity codes for shipment type</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="1"/>
    <xsd:maxLength value="20"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.11.2 CommodityName Element

The CommodityName element contains the commodity name of the shipment content. Its value should be no more than 35 chars. This field is optional.

```
<xsd:simpleType name="CommodityName">
  <xsd:annotation>
    <xsd:documentation>Commodity name for shipment content</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.12 Dutiable Element

For non-domestic shipments, the Dutiable element provides information which defines the types of duties to be levied.

```
<xsd:complexType name="Dutiable" minOccurs="0">
```

```
<xsd:sequence>
  <xsd:element name="DeclaredValue" type="DeclaredValue" minOccurs="0" />
  <xsd:element name="DeclaredCurrency" type="CurrencyCode" />
  <xsd:element name="ScheduleB" type="ScheduleB" minOccurs="0" />
  <xsd:element name="ExportLicense" type="ExportLicense" minOccurs="0" />
  <xsd:element name="ShipperEIN" minOccurs="0">
    <xsd:simpleType>
      <xsd:restriction base="xsd:string">
        <xsd:maxLength value="20" />
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  <xsd:element name="ShipperIDType" minOccurs="0">
    <xsd:simpleType>
      <xsd:restriction base="xsd:string">
        <xsd:enumeration value="S" />
        <xsd:enumeration value="E" />
        <xsd:enumeration value="D" />
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  <xsd:element name="ConsigneeIDType" minOccurs="0">
    <xsd:simpleType>
      <xsd:restriction base="xsd:string">
        <xsd:length value="1"/>
        <xsd:enumeration value="S" />
        <xsd:enumeration value="E" />
        <xsd:enumeration value="D" />
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  <xsd:element name="ImportLicense" type="ImportLicense" minOccurs="0" />
  <xsd:element name="ConsigneeEIN" minOccurs="0">
    <xsd:simpleType>
      <xsd:restriction base="xsd:string">
        <xsd:maxLength value="20" />
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  <xsd:element name="TermsOfTrade" type="TermsOfTrade" minOccurs="0" />
  <xsd:element name="CommerceLicensed" type="YesNo" minOccurs="0" />
  <xsd:element name="Filing" type="Filing" minOccurs="0" />
</xsd:sequence>
</xsd:complexType>
```



Element Name	Datatype/Format	Req	Definition	Valid Values
DeclaredValue	dhl:DeclaredValue	C	Declared value - with 2 decimal places. Required for non-doc or dutiable products. Please refer to Reference Data (Global Product Codes). Declared value must be more than zero (“0.00”).	
DeclaredCurrency	dhl:CurrencyCode	M	DHL currency code (Required if declared value is given.)	Please refer to the Reference Data (DHL Country).
ScheduleB	dhl:ScheduleB	O	Schedule B info	
ExportLicense	dhl:ExportLicense	O	Export License info	
ShipperEIN	xsd:string	O	Shipper’s employee identification number (SSN, EIN) or Shipper’s VAT/GST number.	<= 20 Characters
ShipperIDType	xsd:string	O	Indicates the type of Shipper ID	S (SSN) E (EIN) D (DUNS)
ConsigneeIDType	xsd:string	O	Indicates the type of Consignee ID	S (SSN) E (EIN) D (DUNS)
ImportLicense	dhl:ImportLicense	O	Consignee import license	
ConsigneeEIN	xsd:string	O	ConsigneeTax ID, VAT or GST number	<= 20 Characters
TermsOfTrade	dhl:TermsOfTrade	C	Terms of trade	Please refer to the Reference Data and only use the codes defined. CFR CIF CIP CPT DAF DAP DAT DDP DDU DEQ DES DVU EXW FAS FCA FOB
CommerceLicensed	dhl:YesNo	O	Indicates shipment is a Commerce licensed shipment	
Filing	dhl:Filing	O	Filing information required for dutiable shipments	

3.12.1 DeclaredValue Element

The DeclaredValue element contains the shipment’s monetary value . It is required for non-doc or dutiable

products. Please refer to Reference Data (Global Product Codes).

```
<xsd:element name="DeclaredValue" type="DeclaredValue" minOccurs="0" />

<xsd:simpleType name="DeclaredValue">
  <xsd:annotation>
    <xsd:documentation>DeclaredValue</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:float">
    <xsd:minInclusive value="0.00" />
    <xsd:maxInclusive value="9999999999.99" />
  </xsd:restriction>
</xsd:simpleType>
```

3.12.2 DeclaredCurrency Element

The DeclaredCurrency element contains the DHL currency code in which the declared value is specified. This field is required if a declared value is given. Please refer to the Reference Data (DHL Country) for a valid currency code.

```
<xsd:element name="DeclaredCurrency" type="CurrencyCode" />

<xsd:simpleType name="CurrencyCode">
  <xsd:annotation><xsd:documentation>ISO currency code</xsd:documentation></xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="3"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.12.3 ScheduleB Element

The ScheduleB element contains the Schedule B info.

```
<xsd:element name="ScheduleB" type="ScheduleB" minOccurs="0" />

<xsd:simpleType name="ScheduleB">
  <xsd:annotation><xsd:documentation>Schedule B numner</xsd:documentation></xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="15"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.12.4 ExportLicense Element

The ExportLicense element contains the Export License info.

```
<xsd:element name="ExportLicense" type="ExportLicense" minOccurs="0" />

<xsd:simpleType name="ExportLicense">
  <xsd:annotation>
    <xsd:documentation>ExportLicense</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="16"/>
  </xsd:restriction>
</xsd:simpleType>
```

```
</xsd:simpleType>
```

3.12.5 ShipperEIN Element

The ShipperEIN element contains the shipper's employee identification number or shipper's VAT/GST number. Its value should be no more than 20 characters. It is an optional field in the Dutiable segment.

```
<xsd:element name="ShipperEIN" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      </xsd:maxLength value="20">
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

3.12.6 ShipperIDType Element

The ShipperIDType element indicates the type of the shipper ID. It is an optional field in the Dutiable segment.

```
<xsd:element name="ShipperIDType" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:enumeration value="S"/>
      <xsd:enumeration value="E"/>
      <xsd:enumeration value="D"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

3.12.7 ConsigneeIDType Element

The ConsigneeIDType element indicates the type of the consignee ID. It is an optional field in the Dutiable segment.

```
<xsd:element name="ConsigneeIDType" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="1"/>
      <xsd:enumeration value="S" />
      <xsd:enumeration value="E" />
      <xsd:enumeration value="D" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

3.12.8 ImportLicense Element

The ImportLicense element contains the consignee import license number. It is an optional field in the Dutiable segment.

```
<xsd:element name="ImportLicense" type="ImportLicense" minOccurs="0" />

<xsd:simpleType name="ImportLicense">
  <xsd:annotation>
    <xsd:documentation>"ImportLicense"</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="16"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.12.9 ConsigneeEIN Element

The ConsigneeEIN element contains the Consignee's tax ID, VAT or GST number. Its value should be no more than 20 characters. It is an optional field in the Dutiable segment.

```
<xsd:element name="ConsigneeEIN" minOccurs="0">
  <xsd:simpleType>
    <xsd:annotation>
      <xsd:documentation>Consignee's tax ID or VAT number.</xsd:documentation>
    </xsd:annotation>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="20"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

3.12.10 TermsOfTrade Element

The TermsOfTrade element contains the codes for terms of trade of the shipment. It is required for dutiable shipment. Please refer to the Reference Data and only use the codes defined.

```
<xsd:element name="TermsOfTrade" type="TermsOfTrade" minOccurs="0" />

<xsd:simpleType name="TermsOfTrade">
  <xsd:annotation>
    <xsd:documentation>"TermsOfTrade"</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="3"/>
    <xsd:enumeration value="CFR"/>
    <xsd:enumeration value="CIF"/>
    <xsd:enumeration value="CIP"/>
    <xsd:enumeration value="CPT"/>
    <xsd:enumeration value="DAF"/>
    <xsd:enumeration value="DAP"/>
    <xsd:enumeration value="DAT"/>
    <xsd:enumeration value="DDP"/>
    <xsd:enumeration value="DDU"/>
    <xsd:enumeration value="DEQ"/>
    <xsd:enumeration value="DES"/>
    <xsd:enumeration value="DVU"/>
    <xsd:enumeration value="EXW"/>
    <xsd:enumeration value="FAS"/>
    <xsd:enumeration value="FCA"/>
    <xsd:enumeration value="FOB"/>
  </xsd:restriction>
</xsd:simpleType>
```


3.12.11 CommerceLicensed Element

The CommerceLicensed element indicates the shipment is a Commerce-Licensed shipment.

```
<xsd:element name="CommerceLicensed" type="YesNo" minOccurs="0" />
```

3.12.12 Filing Element

The Filing element represents the filing type for the shipment.

```
<xsd:element name="Filing" type="Filing" minOccurs="0" />

<xsd:complexType name="Filing">
  <xsd:sequence>
    <xsd:element name="FilingType" type="FilingType" minOccurs="0" />
    <xsd:element name="FTSR" type="FTSR" minOccurs="0" />
    <xsd:element name="ITN" type="ITN" minOccurs="0" />
    <xsd:element name="AES4EIN" type="AES4EIN" minOccurs="0" />
  </xsd:sequence>
</xsd:complexType>
```



Element Name	Datatype/Format	Req	Definition	Valid Values
FilingType	dhl:FilingType	O	Filing type information	
FTSR	dhl:FTSR	O	FTR Exemption Code	
ITN	dhl:ITN	O	Internal Transaction Number (ITN) provided by the US Customs AES system.	
AES4EIN	dhl:AES4EIN	O	Exporter Identification Number of the AESPOST approved entity. Typically this is an EIN Tax ID number or a SSN.	

3.12.12.1 FilingType Element

The FilingType element represents the type of filing used for the shipment.

```
<xsd:simpleType name="FilingType">
  <xsd:annotation>
    <xsd:documentation>FilingType</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="3" />
    <xsd:maxLength value="4" />
    <xsd:enumeration value="FTR" />
    <xsd:enumeration value="ITN" />
    <xsd:enumeration value="AES4" />
  </xsd:restriction>
</xsd:simpleType>
```

3.12.12.2 FTSR Element

The FTSR element represents the FTR Exemption Code.

```
<xsd:simpleType name="FTSR">
  <xsd:annotation>
    <xsd:documentation>FTSR</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="5" />
    <xsd:maxLength value="10" />
    <xsd:enumeration value="30.2(d)(2)" />
    <xsd:enumeration value="30.36" />
    <xsd:enumeration value="30.37(a)" />
    <xsd:enumeration value="30.37(b)" />
    <xsd:enumeration value="30.37(e)" />
    <xsd:enumeration value="30.37(f)" />
    <xsd:enumeration value="30.37(g)" />
    <xsd:enumeration value="30.37(h)" />
    <xsd:enumeration value="30.37(j)" />
    <xsd:enumeration value="30.37(k)" />
    <xsd:enumeration value="30.39" />
    <xsd:enumeration value="30.40(a)" />
    <xsd:enumeration value="30.40(b)" />
    <xsd:enumeration value="30.40(c)" />
    <xsd:enumeration value="30.40(d)" />
  </xsd:restriction>
</xsd:simpleType>
```

3.12.12.3 ITN Element

The ITN element represents the Internal Transaction Number (ITN) provided by the US Customs AES system. This number should be in the format starting with an “X” followed by 14 digits.

```
<xsd:simpleType name="ITN">
  <xsd:annotation>
    <xsd:documentation>ITN</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="15" />
    <xsd:pattern value="X[0-9]{14}"></xsd:pattern>
  </xsd:restriction>
</xsd:simpleType>
```

3.12.12.4 AES4EIN Element

The AES4EIN element represents Exporter Identification Number of the AESPOST approved entity. Typically this is an EIN Tax ID number or a SSN.

```
<xsd:simpleType name="AES4EIN">
  <xsd:annotation>
    <xsd:documentation>AES4</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="1" />
    <xsd:maxLength value="11" />
  </xsd:restriction>
</xsd:simpleType>
```

3.13 ExportDeclaration Element

For non-domestic shipments, the ExportDeclaration element provides information which is used to aid in the export of a shipment.

Note: <ExportDeclaration> element is only sending data to eCom backend and no virtual Commercial Invoice image is generated.

For a PLT shipment, the client is required to send the Commercial Invoice image in <DocImages> element.

```
<xsd:element name="ExportDeclaration" type="dhl:ExportDeclaration" minOccurs="0"/>

<xsd:complexType name="ExportDeclaration">
  <xsd:sequence>
    <xsd:element name="InterConsignee" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="70" />
          <xsd:minLength value="0" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="IsPartiesRelation" type="YesNo" minOccurs="0" />
    <xsd:element name="ECCN" minOccurs="0">
      <xsd:simpleType>
```



```

        <xsd:restriction base="xsd:string">
            <xsd:minLength value="0" />
            <xsd:maxLength value="30" />
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="SignatureName" type="SignatureName" minOccurs="0" />
<xsd:element name="SignatureTitle" type="SignatureTitle" minOccurs="0" />
<xsd:element name="ExportReasonCode" type="ExportReasonCode" minOccurs="0" />
<xsd:element name="SedNumber" type="SEDNumber" minOccurs="0"/>
<xsd:element name="SedNumberType" type="SEDNumberType" minOccurs="0"/>
<xsd:element name="MxStateCode" minOccurs="0">
    <xsd:simpleType>
        <xsd:restriction base="xsd:string">
            <xsd:minLength value="0"/>
            <xsd:maxLength value="2"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="ExportLineItem" type="ExportLineItem" maxOccurs="unbounded">
    <xsd:annotation>
        <xsd:documentation>specifics about each of the line item</xsd:documentation>
    </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>

```

Element Name	Datatype/Format	Req	Definition	Valid Values
InterConsignee	string	O	Intermediate consignee (name and address field)	<= 70 characters
IsPartiesRelation	dhl:YesNo	O	Relation of parties to transaction	Y (Yes) N (No)
ECCN	string	O	ECCN info	
SignatureName	dhl:SignatureName	O	Name of signatory	<= 35 characters
SignatureTitle	dhl:SignatureTitle	O	Title of signatory	<= 35 characters
ExportReasonCode	dhl:ExportReasonCode	C	Reason code for export. Required for Dutiable shipment	P (Permanent) T (Temporary) R (Re-Export)
SedNumber	dhl:SEDNumber	O	SED number	FTSR XTN SAS
SedNumberType	dhl:SEDNumberType	C	SED number type	F X S
MxStateCode	string	C	Mexican division code - Division/State/Prefecture/Province code	
ExportLineItem	dhl:ExportLineItem	M	Specifics about each of the line items	

3.13.1 InterConsignee Element

The InterConsignee element contains the name and address of the intermediate consignee. It is an optional field.

```
<xsd:element name="InterConsignee" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="70"/>
      <xsd:minLength value="0"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

3.13.2 IsPartiesRelation Element

The IsPartiesRelation element indicates the relation of parties to the transaction.

```
<xsd:element name="IsPartiesRelation" type="YesNo" minOccurs="0"/>
```

3.13.3 ECCN Element

This element contains ECCN info.

```
<xsd:element name="ECCN" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string"> <xsd:minLength value="0"/> <xsd:maxLength value="30"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

3.13.4 SignatureName Element

The SignatureName element contains the Signatory's name. It is an optional element.

```
<xsd:element name="SignatureName" type="SignatureName" minOccurs="0"/>

<xsd:simpleType name="SignatureName">
  <xsd:annotation>
    <xsd:documentation>Signature name </xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element. It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.13.5 SignatureTitle Element

The SignatureTitle element contains the Signatory's title. It is an optional element.

```
<xsd:element name="SignatureTitle" type="SignatureTitle" minOccurs="0"/>

<xsd:simpleType name="SignatureTitle">
  <xsd:annotation>
    <xsd:documentation>Signature title </xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element.

It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.13.6 ExportReasonCode Element

This element contains the reason code for exporting. It is a conditional element. The valid values are P:Permanent, T:Temporary, R:Re-Export. It is required for dutiable shipment.

```
<xsd:element name="ExportReasonCode" type="ExportReasonCode" minOccurs="0" />

<xsd:simpleType name="ExportReasonCode">
  <xsd:annotation>
    <xsd:documentation>Export reason code (P:Permanent, T:Temporary, R:Re-export)</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1"/>
    <xsd:enumeration value="P"/> <xsd:enumeration value="T"/> <xsd:enumeration value="R"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.13.7 SedNumber Element

This element contains the SED number. It is an optional element.

1. FTSR - Foreign Trade Statistics Regulations - This is usually used as FTSR 30.55 where 30.55 is a section of the regulation that applies to the commodity, e.g., no SED required.
2. XTN- External Transaction Number - Comprised of the shipper's EIN or SSN and a customer reference number.
3. SAS - Shipper Authorization Symbol - This is not used, but is replaced by the XTN.

```
<xsd:element name="SedNumber" type="SEDNumber" minOccurs="0"/>
```

```
<xsd:simpleType name="SEDNumber"><xsd:restriction base="xsd:string">
  <xsd:enumeration value="FTSR"/> <xsd:enumeration value="XTN"/> <xsd:enumeration value="SAS"/>
</xsd:restriction>
</xsd:simpleType>
```

3.13.8 SedNumberType Element

This element contains the SED number type. It is an optional element. This field is required if SED number is given. The valid values are one of: F (for FTSR), X (for XTN) or S (for SAS).

```
<xsd:element name="SedNumberType" type="SEDNumberType" minOccurs="0"/>
```

```
<xsd:simpleType name="SEDNumberType"><xsd:restriction base="xsd:string">
  <xsd:length value="1"/>
  <xsd:enumeration value="F"/>
  <xsd:enumeration value="X"/>
  <xsd:enumeration value="S"/>
</xsd:restriction>
</xsd:simpleType>
```

3.13.9 MxStateCode Element

This element contains the Mexican division code – Division/State/Prefecture/Province code. It is an optional element.

```
<xsd:element name="MxStateCode" minOccurs="0">
<xsd:simpleType>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="0"/>
    <xsd:maxLength value="2"/>
  </xsd:restriction>
</xsd:simpleType>
</xsd:element>
```

3.13.10 ExportLineItem Element

The ExportLineItem contains specifics about each of the line items. It is a mandatory field.

```
<xsd:element name="ExportLineItem" type="ExportLineItem" maxOccurs="unbounded">
<xsd:annotation>
  <xsd:documentation>specifics about each of the line item</xsd:documentation>
</xsd:annotation>
</xsd:element>
```

```
<xsd:complexType name="ExportLineItem">
<xsd:sequence>
  <xsd:element name="LineNumber" type="LineNumber" />
  <xsd:element name="Quantity" type="Quantity" />
  <xsd:element name="QuantityUnit" type="QuantityUnit" />
  <xsd:element name="Description">
    <xsd:simpleType>
      <xsd:restriction base="xsd:string">
        <xsd:maxLength value="75"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
</xsd:sequence>
</xsd:complexType>
```

```
</xsd:element>
<xsd:element name="Value">
  <xsd:simpleType>
    <xsd:restriction base="xsd:float">
      <xsd:minInclusive value="-9999999999.99" />
      <xsd:maxInclusive value="9999999999.99" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="IsDomestic" type="YesNo" minOccurs="0" />
<xsd:element name="CommodityCode" type="CommodityCode" minOccurs="0" />
<xsd:element name="ScheduleB" type="ScheduleB" minOccurs="0" />
<xsd:element name="ECCN" minOccurs="0" />
<xsd:simpleType>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="0" />
    <xsd:maxLength value="30" />
  </xsd:restriction>
</xsd:simpleType>
</xsd:element>
<xsd:element name="Weight">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="Weight" type="Weight" />
      <xsd:element name="WeightUnit" type="WeightUnit" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="License" minOccurs="0">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="LicenseNumber" type="LicenseNumber">
        <xsd:annotation>
          <xsd:documentation>shipper export license</xsd:documentation>
        </xsd:annotation>
      </xsd:element>
      <xsd:element name="ExpiryDate" type="xsd:date"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="LicenseSymbol" type="LicenseNumber" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation>license exception symbol</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="ManufactureCountryCode" type="CountryCode" minOccurs="0">
</xsd:element>
</xsd:sequence>
</xsd:complexType>
```


Element Name	Datatype/Format	Req	Definition	Valid Values
LineNumber	dhl:LineNumber	M	Serial number for the items	
Quantity	dhl:Quantity	M	Number of pieces of a particular line item	
QuantityUnit	dhl:QuantityUnit	M	Quantity unit	
Description	String	M	Description of line item	
Value	Float	M	Monetary value of each line item	
IsDomestic	dhl:YesNo	O	Whether shipment is domestic or not	
CommodityCode	CommodityCode	O	Commodity code for the shipment at line item level	<=20 characters
ScheduleB	dhl:ScheduleB	O	Schedule B info	
ECCN	String	O	ECCN info	
Weight	xsd:ComplexType	M	Weight of the line item	
License	xsd:ComplexType	O	License information	
LicenseSymbol	dhl:LicenseNumber	O	License symbol	
ManufactureCountryCode	dhl:CountryCode	C	ManufactureCountryCode	

3.13.11.1 LineNumber Element

The LineNumber element contains the serial number for particular item. Its value should not be more than 200. It is a mandatory field.

```
<xsd:simpleType name="LineNumber">
  <xsd:restriction base="xsd:positiveInteger">
    <xsd:minInclusive value="1"/> <xsd:maxInclusive value="200"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.13.11.2 Quantity Element

The Quantity element contains the number of pieces in the line item. It is a mandatory field.

```
<xsd:simpleType name="Quantity"> <xsd:annotation>
  <xsd:documentation>Quantity</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:positiveInteger"> <xsd:maxInclusive value="32000"/>
</xsd:restriction>
</xsd:simpleType>
```

3.13.11.3 QuantityUnit Element

This element contains the measurement unit for quantity. It is a mandatory field.

```
<xsd:simpleType name="QuantityUnit">
  <xsd:annotation>
    <xsd:documentation>Quantity unit of measure (tens, hundreds, thousands, etc.)</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="8"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.13.11.4 Description Element

This element contains the description of the line item. It is a mandatory field.

```
<xsd:element name="Description" type="xsd:string"/>
```

Note: Using a CDATA definition is recommended for contents of this element.

It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.13.11.5 Value Element

This element identifies the value in money levied for each quantity of the particular line item. It is a mandatory field.

Note: Total value of the all quantity per each line item will be calculated automatically by backend system.

```
<xsd:element name="Value">
  <xsd:simpleType>
    <xsd:restriction base="xsd:float">
      <xsd:minInclusive value="-9999999999.99" />
      <xsd:maxInclusive value="9999999999.99" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

3.13.11.6 IsDomestic Element

The IsDomestic element indicates whether shipment is domestic or not. The valid values are Y (Yes) and N (No).

```
<xsd:element name="IsDomestic" type="YesNo" minOccurs="0"/>

<xsd:simpleType name="YesNo"> <xsd:annotation>
  <xsd:documentation>Boolean flag</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1"/>
    <xsd:enumeration value="Y"/> <xsd:enumeration value="N"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.13.11.7 CommodityCode Element

The CommodityCode element contains commodity code for shipment contents. Its value should lie in between 1 to 20 characters of string. This field is optional.

```
<xsd:element name="CommodityCode" type="CommodityCode" minOccurs="0" />

<xsd:simpleType name="CommodityCode">
  <xsd:annotation>
    <xsd:documentation>Commodity codes for shipment type</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="1"/>
    <xsd:maxLength value="20"/>
  </xsd:restriction>
</xsd:simpleType>
```

```

</xsd:restriction>
</xsd:simpleType>

```

3.13.11.8 ScheduleB Element

The ScheduleB element contains the schedule B number. It is an optional field.

```

<xsd:element name="ScheduleB" type="ScheduleB" minOccurs="0" />

<xsd:simpleType name="ScheduleB">
  <xsd:annotation>
    <xsd:documentation>Schedule B numner</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="15"/>
  </xsd:restriction>
</xsd:simpleType>

```

3.13.11.9 ECCN Element

This element contains ECCN info.

```

<xsd:element name="ECCN" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:minLength value="0"/>
      <xsd:maxLength value="30"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>

```

3.13.11.10 Weight Element

This element contains information about weight of the line item. It is an optional field.

```

<xsd:element name="Weight">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="Weight" type="Weight"/>
      <xsd:element name="WeightUnit" type="WeightUnit"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

Element Name	Datatype/Format	Req	Definition	Valid Values
Weight	dhl:Weight	M	Weight of the line item	
WeightUnit	dhl:WeightUnit	M	The measurement unit of weight	K (Kilograms) L (Pounds)

3.13.11.10.1 Weight Element

The Weight Element represents the total weight of the all individual piece in the line item. It is a mandatory field.

```

<xsd:simpleType name="Weight">
  <xsd:annotation>
    <xsd:documentation>Weight of piece or shipment</xsd:documentation>
  </xsd:annotation>

```

```

<xsd:restriction base="xsd:decimal">
  <xsd:fractionDigits value="3" />
  <xsd:minInclusive value="0.000" />
  <xsd:maxInclusive value="999999.999" />
  <xsd:totalDigits value="10" />
</xsd:restriction>
</xsd:simpleType>

```

3.13.11.10.2 WeightUnit Element

The Weight Unit element contains the Unit by which the shipment weight is measured. It must be declared in the Weight element. The valid value for this element is K (Kilograms). Please refer to Reference Data (DHL Country) for valid weight unit.

```

<xsd:simpleType name="WeightUnit">
  <xsd:annotation>
    <xsd:documentation>Unit of weight measurement (K:Kilograms,L:Pounds)</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1"/>
    <xsd:enumeration value="K"/>
    <xsd:enumeration value="L"/>
  </xsd:restriction>
</xsd:simpleType>

```

3.13.11.11 License Element

This element contains the shipper export licence information of the particular item. It is an optional field.

```

<xsd:element name="License" minOccurs="0"> <xsd:complexType>
  <xsd:sequence>
    <xsd:element name="LicenseNumber" type="LicenseNumber">
      <xsd:annotation>
        <xsd:documentation>shipper export license</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="ExpiryDate" type="xsd:date"/>
  </xsd:sequence>
</xsd:complexType>
</xsd:element>

```

Element Name	Datatype/Format	Req	Definition	Valid Values
LicenseNumber	dhl:LicenseNumber	M	The license number	
ExpiryDate	xsd:date	M	The expiry date of the license	

3.13.11.11.1 LicenseNumber Element

This element contains the shipper export licence number of the particular item. It is a mandatory field.

```

<xsd:simpleType name="LicenseNumber">
  <xsd:annotation>
    <xsd:documentation>Export license number</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="16"/>
  </xsd:restriction>
</xsd:simpleType>

```

3.13.11.11.2 ExpiryDate Element

This element contains the expiry date of shipper export licence of the particular item. It is a mandatory field.

```
<xsd:element name="ExpiryDate" type="xsd:date"/>
```

3.13.11.12 LicenseSymbol Element

This element contains shipper export licence symbol number of the particular item. It is an optional field.

```
<xsd:simpleType name="LicenseNumber">
  <xsd:annotation>
    <xsd:documentation>Export license number</xsd:documentation> </xsd:annotation>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="16"/>
    </xsd:restriction>
  </xsd:simpleType>
```

3.13.11.13 ManufactureCountryCode Element

This element allows user to capture Country of Manufacture in Invoice Line item. It is an conditional field and required for dutiable shipment.

```
<xsd:element name="ManufactureCountryCode" type="CountryCode" minOccurs="0">
  </xsd:element>

  <xsd:simpleType name="CountryCode">
    <xsd:annotation>
      <xsd:documentation>ISO country codes</xsd:documentation>
    </xsd:annotation>
    <xsd:restriction base="xsd:string">
      <xsd:length value="2"/>
    </xsd:restriction>
  </xsd:simpleType>
```

3.14 Reference Element

This element identifies the reference information. It is an optional field in the shipment validation request. *Only the first reference will be taken currently.*

```
<xsd:element name="Reference" type="dhl:Reference" minOccurs="0" maxOccurs="unbounded"/>

<xsd:complexType name="Reference">
  <xsd:sequence>
    <xsd:element name="ReferenceID" type="ReferenceID"/>
    <xsd:element name="ReferenceType" type="ReferenceType" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
ReferenceID	dhl:ReferenceID	M	Shipper reference ID	
ReferenceType	dhl:ReferenceType	O	Shipper reference type	

3.14.1 ReferenceID Element

The ReferenceID element contains the shipper reference ID. It is a mandatory field.

```
<xsd:simpleType name="ReferenceID">
  <xsd:annotation>
    <xsd:documentation>Shipper reference ID</xsd:documentation> </xsd:annotation>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="35"/>
    </xsd:restriction>
  </xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element. It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.14.2 ReferenceType Element

The ReferenceType element contains the shipment reference type. It is an optional field.

```
<xsd:simpleType name="ReferenceType">
  <xsd:annotation>
    <xsd:documentation>Shipment reference type</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="2"/>
    <xsd:maxLength value="3"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.15 ShipmentDetails Element

The ShipmentDetails element contains the details of the shipment. It must be declared once in the request message. It contains following elements.

```
<xsd:element name="ShipmentDetails" type="dhl:ShipmentDetails"/>

<xsd:complexType name="ShipmentDetails">
  <xsd:sequence>
    <xsd:element name="NumberOfPieces">
      <xsd:simpleType>
        <xsd:restriction base="xsd:positiveInteger">
          <xsd:minInclusive value="0" />
          <xsd:maxInclusive value="99" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="Pieces" type="Pieces" />
    <xsd:element name="Weight" type="Weight" />
    <xsd:element name="WeightUnit" type="WeightUnit" />
    <xsd:element name="GlobalProductCode" type="GlobalProductCode" />
    <xsd:element name="LocalProductCode" type="LocalProductCode" minOccurs="0"/>
    <xsd:element name="Date" type="Date" />
    <xsd:element name="Contents" type="ShipmentContents"/>
    <xsd:element name="DoorTo" type="DoorTo" minOccurs="0" />
    <xsd:element name="DimensionUnit" type="DimensionUnit" minOccurs="0" />
    <xsd:element name="InsuredAmount" type="Money" minOccurs="0" />
  </xsd:sequence>
</xsd:complexType>
```



```

<xsd:element name="PackageType" type="PackageType" minOccurs="0" />
<xsd:element name="IsDutiable" type="YesNo" minOccurs="0" />
<xsd:element name="CurrencyCode" type="CurrencyCode" minOccurs="0"/>
<xsd:element name="AdditionalProtection" type="AdditionalProtection" minOccurs="0" />
<xsd:element name="DOSFlag" type="YesNo" minOccurs="0" />
<xsd:element name="CustData" type="CustData" minOccurs="0" />
<xsd:element name="ShipmentCharges" type="ShipmentCharges" minOccurs="0"/>
</xsd:sequence>
</xsd:complexType>

```

Element Name	Datatype/Format	Req	Definition	Valid Values
NumberOfPieces	xsd:positiveInteger	M	No. of pieces in shipment or pickup request	1 – 99 (Maximum is 99)
Weight	dhl:Pieces	M	Weight of piece or shipment	<= 0.001 and <= 999999.999
WeightUnit	dhl:WeightUnit	M	Unit of measure for weights	K (Kilograms)
GlobalProductCode	dhl:GlobalProductCode	M	Global product code.	A to Z and 0 to 9. Please refer to the Reference Data and use appropriate Global codes enabled for the country
LocalProductCode	dhl:LocalProductCode	O	DHL local product code	Please refer to the Reference Data and use appropriate Local codes enabled for the country.
Date	Date	M	Shipment date for when package(s) will be shipped (but usually current date). Value may range from today to ten days after	
Contents	dhl:ShipmentContents	M	Shipment contents description	
DoorTo	dhl:DoorTo	O	Defines the type of delivery service that applies to a shipment	DD (Door to Door) DA (Door to Airport) AA (Airport to Airport) DC (Door to Door non-Compliant)
DimensionUnit	DimensionUnit	C	Unit of measure for size (Required if Piece segment is provided)	I (Inches) C (Centremetres) Please refer to Reference Data (DHL Country) for valid dimension unit.
InsuredAmount	Money	C	Insured Amount (Required if Special Service of 'I' – Insurance is provided in request)	
PackageType	dhl:PackageType	O	Package type	BD - Jumbo Document BP - Jumbo Parcel CP - Customer-provided DC - Document DF - DHL Flyer DM - Domestic ED - Express Document EE - DHL Express Envelope FR - Freight JB - Jumbo box JD - Jumbo Junior Document JJ - Junior jumbo Box JP - Jumbo Junior Parcel OD - Other DHL Packaging PA - Parcel YP - Your packaging

Element Name	Datatype/Format	Req	Definition	Valid Values
IsDutiable	dhl:YesNo	O	Dutiable flag	Y (Yes) N (No) Default valud is N Note: Please refer to Section 3.9 for 'Dutiable' related details.
CurrencyCode	CurrencyCode	M	DHL currency code	Please refer to the Reference Data (DHL Country).
AdditionalProtection	dhl:AdditionalProtection	O	The Additional Protection value amount in \$US. Enter a value if you want additional protection against potential loss or damage.	
DOSFlag	dhl:YesNo	O	Indicates if the shipment is controlled / regulated by the US Department of State.	
CustData	CustData	O	Customer data that required to be printed in Transport label CI template	<= 100 characters
Shipmentcharges	dhl:ShipmentCharges	O	Shipment Charges	0.01 to 99999999.99

3.15.1 NumberOfPieces Element

The NumberOfPieces element contains the number of pieces in the shipment. It must be declared in the ShipmentDetails element. Its value should be in between 1 to 99.

```
<xsd:element name="NumberOfPieces">
  <xsd:simpleType>
    <xsd:restriction base="xsd:positiveInteger">
      <xsd:minInclusive value="0" />
      <xsd:maxInclusive value="99" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

3.15.2 Pieces Element

The Pieces element contains the pieces information of the shipment. It must be declared in the Shipment validation element. It could store maximum 99 pieces information.

```
<xsd:element name="Pieces" type="Pieces" />

<xsd:complexType name="Pieces">
  <xsd:annotation>
    <xsd:documentation>Element encapsulating peices information</xsd:documentation> </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="Piece" type="Piece" maxOccurs="99"/>
  </xsd:sequence>
</xsd:complexType>
```

3.15.3 Piece Element

The Piece Element contains the information about the piece. It contains the following elements.



```

<xsd:complexType name="Piece">
  <xsd:sequence>
    <xsd:element name="PieceID" type="PieceID" minOccurs="0" />
    <xsd:element name="PackageType" type="PackageType" minOccurs="0" />
    <xsd:element name="Weight" type="Weight" minOccurs="0" />
    <xsd:element name="DimWeight" type="Weight" minOccurs="0" />
    <xsd:element name="Width" type="xsd:positiveInteger" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation>required if height and depth are specified</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="Height" type="xsd:positiveInteger" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation>required if width and depth are specified</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="Depth" type="xsd:positiveInteger" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation>required if width and height are specified</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="PieceContents" type="PieceContents" minOccurs="0" />
    <xsd:element name="PieceReference" type="Reference" minOccurs="0" maxOccurs="99" />
  </xsd:sequence>
</xsd:complexType>

```

Element Name	Datatype/Format	Req	Definition	Valid Values
PieceID	dhl:PieceID	O	Piece number	Eg. 1 to indicate first piece
PackageType	dhl:PackageType	O	Packaging type	BD - Jumbo Document BP - Jumbo Parcel CP - Customer-provided DC - Document DF - DHL Flyer DM - Domestic ED - Express Document EE - DHL Express Envelope FR - Freight JB - Jumbo box JD - Jumbo Junior Document JJ - Junior jumbo Box JP - Jumbo Junior Parcel OD - Other DHL Packaging PA - Parcel YP - Your packaging
Weight	dhl:Weight	O	Weight of the piece	0.0 – 999999.9
DimWeight	dhl:Weight	O	Dimension weight of the piece	0.0 – 999999.9
Width	xsd:positiveInteger	O	Width of the piece	
Height	xsd:positiveInteger	O	Height of the Piece.	
Depth	xsd:positiveInteger	O	Depth of the piece	
PieceContents	dhl:PieceContents	O	Piece contents or description	<= 35 chars
PieceReference	dhl:Reference	O	Piece reference	

3.15.3.1 PieceID Element

The PieceID element contains the piece number of each piece for this shipment. It is an optional field in the Piece segment. Its value should not be more than 35 characters.

```
<xsd:simpleType name="PieceID"><xsd:annotation>
  <xsd:documentation>Piece ID</xsd:documentation>
</xsd:annotation>
<xsd:restriction base="xsd:string">
  <xsd:maxLength value="35"/>
</xsd:restriction>
</xsd:simpleType>
```

3.15.3.2 PackageType Element

The PackageType element contains the unique ID of the piece for this shipment. It is an optional field in the Piece segment.

```
<xsd:simpleType name="PackageType">
<xsd:annotation>
  <xsd:documentation>Package Type (EE: DHL Express Envelope, OD:Other
    DHL Packaging, CP:Customer-provided, JB-Jumbo box, JJ-Junior jumbo
    Box, DF-DHL Flyer, YP-Your packaging)
  </xsd:documentation>
</xsd:annotation>
<xsd:restriction base="xsd:string">
  <xsd:length value="2" />
  <xsd:enumeration value="BD" />
  <xsd:enumeration value="BP" />
  <xsd:enumeration value="CP" />
  <xsd:enumeration value="DC" />
  <xsd:enumeration value="DF" />
  <xsd:enumeration value="DM" />
  <xsd:enumeration value="ED" />
  <xsd:enumeration value="EE" />
  <xsd:enumeration value="FR" />
  <xsd:enumeration value="JB" />
  <xsd:enumeration value="JD" />
  <xsd:enumeration value="JJ" />
  <xsd:enumeration value="JP" />
  <xsd:enumeration value="OD" />
  <xsd:enumeration value="PA" />
  <xsd:enumeration value="YP" />
</xsd:restriction>
</xsd:simpleType>
```

3.15.3.3 Weight Element

The Weight element represents the weight of the individual piece or of the shipment. It is an optional field in the Piece segment.

```
<xsd:simpleType name="Weight">
<xsd:annotation>
  <xsd:documentation>Weight of piece or shipment</xsd:documentation>
</xsd:annotation>
<xsd:restriction base="xsd:decimal">
  <xsd:fractionDigits value="3" />
  <xsd:minInclusive value="0.000" />
  <xsd:maxInclusive value="999999.999" />
</xsd:restriction>
</xsd:simpleType>
```

```
<xsd:totalDigits value="10" />
</xsd:restriction>
</xsd:simpleType>
```

3.15.3.4 DimWeight Element

The DimWeight Element represents the dimension weight of the individual piece or of the shipment. It is an optional field in the Piece segment.

```
<xsd:element name="DimWeight" type="Weight" minOccurs="0" />

<xsd:simpleType name="Weight">
  <xsd:annotation>
    <xsd:documentation>Weight of piece or shipment</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:decimal">
    <xsd:fractionDigits value="3" />
    <xsd:minInclusive value="0.000" />
    <xsd:maxInclusive value="999999.999" />
    <xsd:totalDigits value="10" />
  </xsd:restriction>
</xsd:simpleType>
```

3.15.3.5 Width Element

The width element represents the width of the piece of the shipment. It is required if the height or depth is specified. It is an optional field in the Piece segment. This element will be required if height and depth are specified.

```
<xsd:element name="Width" type="xsd:positiveInteger" minOccurs="0"> <xsd:annotation>
  <xsd:documentation>required if height and depth are specified</xsd:documentation> </xsd:annotation>
</xsd:element>
```

3.15.3.6 Height Element

The height element represents the height of the piece of the shipment. It is required if width and depth is specified. It is an optional field in the Piece segment. This element will be required if width and depth are specified.

```
<xsd:element name="Height" type="xsd:positiveInteger" minOccurs="0"> <xsd:annotation>
  <xsd:documentation>required if width and depth are specified</xsd:documentation> </xsd:annotation>
</xsd:element>
```

3.15.3.7 Depth Element

The depth element represents the depth of the piece of the shipment. It is required when the width and the height is specified. It is an optional field in the Piece segment. This element will be required if height and width are specified.

```
<xsd:element name="Depth" type="xsd:positiveInteger" minOccurs="0"> <xsd:annotation>
  <xsd:documentation>required if width and height are specified</xsd:documentation> </xsd:annotation>
</xsd:element>
```

3.15.3.8 PieceContents Element

The piece contents element represents the contents or description of the piece of the shipment. It is an optional field in the Piece segment.

```
<xsd:element name="PieceContents" type="PieceContentst" minOccurs="0">

<xsd:simpleType name="PieceContents">
<xsd:annotation>
  <xsd:documentation>Piece contents description</xsd:documentation>
</xsd:annotation>
<xsd:restriction base="xsd:string">
  <xsd:maxLength value="35" />
</xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element. It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.15.3.9 PieceReference Element

This element identifies the reference information. It is an optional field.

```
<xsd:element name="PieceReference" type="dhl:Reference" minOccurs="0" maxOccurs="99"/>

<xsd:complexType name="Reference"><xsd:sequence>
  <xsd:element name="ReferenceID" type="ReferenceID"/>
  <xsd:element name="ReferenceType" type="ReferenceType" minOccurs="0"/> </xsd:sequence>
</xsd:complexType>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
ReferenceID	ReferenceID	M	Shipper reference ID	
ReferenceType	ReferenceType	O	Shipper reference type	

Note: Using a CDATA definition is recommended for contents of this element. It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.15.4 Weight Element

The Weight element represents the weight of the individual piece or of the shipment. It is a mandatory field in the ShipmentDetails.

```
<xsd:simpleType name="Weight">
<xsd:annotation>
  <xsd:documentation>Weight of piece or shipment</xsd:documentation>
</xsd:annotation>
<xsd:restriction base="xsd:decimal">
  <xsd:fractionDigits value="3" />
  <xsd:minInclusive value="0.000" />
</xsd:restriction>
```

```
<xsd:maxInclusive value="999999.999" />
<xsd:totalDigits value="10" />
</xsd:restriction>
</xsd:simpleType>
```

3.15.5 WeightUnit Element

The Weight Unit element contains the Unit by which the shipment weight is measured. It must be declared in the Weight element of the Pickup. The valid value for this element is K (Kilograms) and L (Pounds). Please refer to Reference Data (DHL Country) for valid weight unit.

```
<xsd:simpleType name="WeightUnit">
  <xsd:annotation>
    <xsd:documentation>Unit of weight measurement (K:KiloGram,L:Pounds)</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="0" />
    <xsd:maxLength value="1" />
    <xsd:enumeration value="K" />
    <xsd:enumeration value="L" />
  </xsd:restriction>
</xsd:simpleType>
```

3.15.6 GlobalProductCode Element

The GlobalProductCode element is global product code for the shipment. It is the mandatory field in the Shipment Details segment. The valid values are A to Z and 0 to 9. Please refer to the Reference Data and use appropriate Global codes enabled for the country

```
<xsd:element name="GlobalProductCode" type="GlobalProductCode"/>

<xsd:simpleType name="GlobalProductCode">
  <xsd:restriction base="xsd:string">
    <xsd:pattern value="([A-Z0-9])*" />
    <xsd:minLength value="1" />
    <xsd:maxLength value="4" />
  </xsd:restriction>
</xsd:simpleType>
```

3.15.7 LocalProductCode Element

The LocalProductCode Element is the country billing product code for the shipment. It is the mandatory field in the Shipment Details segment. Please refer to the Reference Data and use appropriate local codes enabled for the country.

```
<xsd:element name="LocalProductCode" type="LocalProductCode" minOccurs="0" />

<xsd:simpleType name="LocalProductCode">
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="1" />
    <xsd:maxLength value="4" />
    <xsd:pattern value="([A-Z0-9])*" />
  </xsd:restriction>
</xsd:simpleType>
```

3.15.8 Date Element

The Date element contains the shipment date. Shipment date for when package(s) will be shipped (but usually current date). Value may range from today to ten days after. The date should be in YYYY-MM-DD format.

```
<xsd:element name="Date" type="Date"/>

<xsd:simpleType name="Date">
  <xsd:annotation>
    <xsd:documentation>Date only</xsd:documentation> </xsd:annotation>
    <xsd:restriction base="xsd:date"/> </xsd:simpleType>
```

3.15.9 Contents Element

The Contents element contains the shipment contents description.

```
<xsd:simpleType name="ShipmentContents"> <xsd:annotation>
  <xsd:documentation>Shipment contents description</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string"> <xsd:maxLength value="90"/>
  </xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element.

It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.15.10 DoorTo Element

The DoorTo Element defines the type of delivery service that applies to the shipment. The valid values are **DD** (Door to Door), **DA** (Door to Airport), **AA** (Airport to Airport) and **DC** (Door to Door non-compliant)

```
<xsd:simpleType name="DoorTo">
<xsd:annotation>
  <xsd:documentation>Defines the type of delivery service that applies to the shipment</xsd:documentation>
</xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="2" />
    <xsd:enumeration value="DD" />
    <xsd:enumeration value="DA" />
    <xsd:enumeration value="AA" />
    <xsd:enumeration value="DC" />
  </xsd:restriction>
</xsd:simpleType>
```

3.15.11 DimensionUnit Element

The DimensionUnit Element is the unit in which the dimensions are measured. It is an optional field. The valid value is C (Centremetres) and I (Inches). Please refer to Reference Data (DHL Country) for valid dimension unit.

```
<xsd:simpleType name="DimensionUnit"> <xsd:annotation>
  <xsd:documentation>Dimension Unit C (Centremetres), I (inches)</xsd:documentation> </xsd:annotation>
```

```
<xsd:restriction base="xsd:string">
  <xsd:length value="1"/>
  <xsd:enumeration value="C"/>
  <xsd:enumeration value="I"/>
</xsd:restriction>
</xsd:simpleType>
```

3.15.12 InsuredAmount Element

The InsuredAmount element is the insured money for the shipment. This element must be provided in request if Special Service of 'I' – Insurance is defined.

```
<xsd:element name="InsuredAmount" type="Money" minOccurs="0" />

<xsd:simpleType name="Money">
  <xsd:annotation>
    <xsd:documentation>Monetary amount (with 2 decimal precision)</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:float">
    <xsd:minInclusive value="0.00" />
    <xsd:maxInclusive value="9999999999.99" />
  </xsd:restriction>
</xsd:simpleType>
```

3.15.13 PackageType Element

The PackageType element contains the unique ID of the piece for this shipment. It is an optional field.

```
<xsd:element name="PackageType" type="PackageType" minOccurs="0" />

<xsd:simpleType name="PackageType">
  <xsd:annotation>
    <xsd:documentation>Package Type (EE: DHL Express Envelope, OD:Other
      DHL Packaging, CP:Customer-provided, JB-Jumbo box, JJ-Junior jumbo
      Box, DF-DHL Flyer, YP-Your packaging)</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="2" />
    <xsd:enumeration value="BD" />
    <xsd:enumeration value="BP" />
    <xsd:enumeration value="CP" />
    <xsd:enumeration value="DC" />
    <xsd:enumeration value="DF" />
    <xsd:enumeration value="DM" />
    <xsd:enumeration value="ED" />
    <xsd:enumeration value="EE" />
    <xsd:enumeration value="FR" />
    <xsd:enumeration value="JB" />
    <xsd:enumeration value="JD" />
    <xsd:enumeration value="JJ" />
    <xsd:enumeration value="JP" />
    <xsd:enumeration value="OD" />
    <xsd:enumeration value="PA" />
    <xsd:enumeration value="YP" />
  </xsd:restriction>
</xsd:simpleType>
```

3.15.14 IsDutiable Element

The IsDutiable element indicates whether shipment is dutiable or not.

```
<xsd:element name="IsDutiable" type="YesNo" minOccurs="0"/>

<xsd:simpleType name="YesNo"> <xsd:annotation>
  <xsd:documentation>Boolean flag</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1"/>
    <xsd:enumeration value="Y"/>
    <xsd:enumeration value="N"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.15.15 CurrencyCode Element

The CurrencyCode element identifies how the shipment charge is billed.

```
<xsd:simpleType name="CurrencyCode"> <xsd:annotation>
  <xsd:documentation>ISO currency code</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="3"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.15.16 AdditionalProtection Element

The AdditionalProtection element allow the shipper to defined the additional protection against potential loss or damage. Currently this field is not used in downstream application for billing.

```
<xsd:element name="AdditionalProtection" type="AdditionalProtection" minOccurs="0" />

<xsd:complexType name="AdditionalProtection">
  <xsd:sequence>
    <xsd:element name="Code" type="Code" />
    <xsd:element name="Value" type="Value" />
  </xsd:sequence>
</xsd:complexType>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
Code	dhl:Code	M	Additional protection code	Asset Protection (AP): All Risk Asset Protection is available for shipments beyond the published Limit of Liability. Not Required (NR): No additional protection is requested. Note: If NR is chosen please enter value of "0" in the additional protection value field.
Value	dhl:Value	M	Additional protection value	The Additional Protection value amount in \$US.

3.15.16.1 Code Element

The Code element indicates the additional protection code.

```
<xsd:simpleType name="Code">
  <xsd:annotation>
    <xsd:documentation>Code</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="2" />
    <xsd:enumeration value="AP" />
    <xsd:enumeration value="NR" />
  </xsd:restriction>
</xsd:simpleType>
```

3.15.16.2 Value Element

The Value element indicates the additional protection value in \$US.

```
<xsd:simpleType name="Value">
  <xsd:annotation>
    <xsd:documentation>Value</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:float">
    <xsd:maxInclusive value="9999999.99" />
  </xsd:restriction>
</xsd:simpleType>
```

3.15.17 DOSFlag Element

The DOSFlag element identifies if the shipment is controlled or regulated by the US Department of State.

```
<xsd:element name="DOSFlag" type="YesNo" minOccurs="0" />

<xsd:simpleType name="YesNo">
  <xsd:annotation>
    <xsd:documentation>Boolean flag</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1" />
    <xsd:enumeration value="Y" />
    <xsd:enumeration value="N" />
  </xsd:restriction>
</xsd:simpleType>
```

3.15.18 CustDataElement

The CustData element consists of customer data that required to be printed on shipment level in GLS transport label CI template.

```
<xsd:element name="CustData" type="CustData" minOccurs="0" />

<xsd:simpleType name="CustData">
  <xsd:annotation>
    <xsd:documentation>CustData</xsd:documentation>
```

```

</xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="1" />
    <xsd:maxLength value="100" />
  </xsd:restriction>
</xsd:simpleType>

```

Note: Using a CDATA definition is recommended for contents of this element. It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.15.19 Shipmentcharges

The Shipmentcharges element consists of shipment charges of the shipment details. This element is optional

```

<xsd:element name="ShipmentCharges" type="ShipmentCharges" minOccurs="0"/>
<xsd:simpleType name="ShipmentCharges">
  <xsd:annotation>
    <xsd:documentation>ShipmentCharges</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:float">
    <xsd:minInclusive value="0.01"/>
    <xsd:maxInclusive value="99999999.99"/>
  </xsd:restricti
</xsd:simpleType>

```

3.16 Shipper Element

Shipper element contains the details of the Shipper. This element should be declared once in the Shipment validation Request message. It contains the following elements.

```

<xsd:element name="Shipper" type="dhl:Shipper"/>

<xsd:complexType name="Shipper">
  <xsd:sequence>
    <xsd:element name="ShipperID" type="ShipperID">
      <xsd:annotation>
        <xsd:documentation>Shipper's Account Number</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="CompanyName" type="CompanyNameValidator" />
    <xsd:element name="SuiteDepartmentName" type="SuiteDepartmentName" minOccurs="0" />
    <xsd:element name="RegisteredAccount" type="AccountNumber" minOccurs="0"/>
    <xsd:element name="AddressLine" type="AddressLine" minOccurs="1" maxOccurs="3" />
    <xsd:element name="City" type="City" minOccurs="0"/>
    <xsd:element name="Division" type="Division" minOccurs="0" />
    <xsd:element name="DivisionCode" type="DivisionCode" minOccurs="0"/>
    <xsd:element name="PostalCode" type="PostalCode" minOccurs="0" />
    <xsd:element name="CountryCode" type="CountryCode" />
    <xsd:element name="CountryName" type="CountryName" />
    <xsd:element name="FederalTaxId" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">

```



```

        <xsd:minLength value="0" />
        <xsd:maxLength value="20" />
    </xsd:restriction>
</xsd:simpleType>
</xsd:element>
<xsd:element name="StateTaxId" minOccurs="0">
<xsd:simpleType>
    <xsd:restriction base="xsd:string">
        <xsd:minLength value="0"/></xsd:minLength>
        <xsd:maxLength value="20"/></xsd:maxLength>
    </xsd:restriction>
</xsd:simpleType>
</xsd:element>
<xsd:element name="Contact" type="Contact" />
<xsd:element name="Suburb" type="Suburb" minOccurs="0"/>
</xsd:sequence>
</xsd:complexType>

```

Element Name	Datatype/Format	Req	Definition	Valid Values
ShipperID	dhl:ShipperID	M	Shipper shipment identifier	<= 30 characters
CompanyName	dhl:CompanyNameValidator	M	Name of company/business	Min:2 Max:35
SuiteDepartmentName	dhl:SuiteDepartmentName	O	Suite or department name	<= 35 characters
RegisteredAccount	AccountNumber	O	Registered account number	
AddressLine	dhl:AddressLine	M	Address lines (Note: At least one address line must contain data)	
City	dhl:City	O	City name	
Division	dhl:Division	O	Division name	
DivisionCode	dhl:DivisionCode	O	Division/State/Prefecture/Province code	
PostalCode	dhl:PostalCode	O	Zip/Postal code	
CountryCode	dhl:CountryCode	M	DHL country code	Please refer to the Reference Data (DHL Country).
CountryName	dhl:CountryName	M	DHL country name	Please refer to the Reference Data (DHL Country).
FederalTaxId	xsd:string	C	Federal Tax ID (Required for domestic shipment of country code BR (Brazil))	Less than 20 characters
StateTaxID	xsd:string	C	State Tax ID (Required for domestic shipment of country code BR (Brazil))	Less than 20 characters
Contact	dhl:Contact	M	Complex datatype - see below	
Suburb	dhl:Suburb	O	Suburb Name	Less than 35 characters

3.16.1 ShipperID Element

The ShipperID element contains the shipper shipment identifier. This element must be declared once in the Shipper element. Shipper Account number may be used to populate this element.

```

<xsd:element name="ShipperID" type="ShipperID">
<xsd:annotation>
    <xsd:documentation>Shipper's Account Number</xsd:documentation>
</xsd:annotation>

```

```
</xsd:element>
```

```
<xsd:simpleType name="ShipperID">
  <xsd:annotation><xsd:documentation>Shipper's ID</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="30"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.16.2 CompanyName Element

The Company Name element contains the name of the company. The element must be declared unless the value specified in the element ResidenceOrBusiness is not “R”.

```
<xsd:element name="CompanyName" type="CompanyNameValidator" />
```

```
<xsd:simpleType name="CompanyNameValidator">
<xsd:annotation>
  <xsd:documentation>Name of company / business</xsd:documentation>
</xsd:annotation>
<xsd:restriction base="xsd:string">
  <xsd:minLength value="2" />
  <xsd:maxLength value="35" />
</xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element.

It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.16.3 SuiteDepartmentName Element

The SuiteDepartmentName element contains the suite or department name of the shipper.

```
<xsd:element name="SuiteDepartmentName" type="SuiteDepartmentName" minOccurs="0" />
```

```
<xsd:simpleType name="SuiteDepartmentName">
<xsd:annotation>
  <xsd:documentation>SuiteDepartmentName</xsd:documentation>
</xsd:annotation>
<xsd:restriction base="xsd:string">
  <xsd:maxLength value="35" />
</xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element.

It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.16.4 RegisteredAccount Element

The RegisteredAccount element contains the registered account of the shipper.

```
<xsd:element name="RegisteredAccount" type="AccountNumber" minOccurs="0"/>
```

```
<xsd:simpleType name="AccountNumber">
```

```
<xsd:annotation>
  <xsd:documentation>DHL Account Number</xsd:documentation>
</xsd:annotation>
<xsd:restriction base="xsd:string">
  <xsd:maxLength value="12" />
</xsd:restriction>
</xsd:simpleType>
```

3.16.5 AddressLine Element

The AddressLine element contains the address of the shipper location. There are three elements for address. The first element Address1 is mandatory.

```
<xsd:element name="AddressLine" type="AddressLine" minOccurs="1" maxOccurs="3" />
```

```
<xsd:simpleType name="AddressLine"> <xsd:annotation>
  <xsd:documentation>Address Line</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" fixed="false"/>
  </xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element. It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.16.6 City Element

The City element contains the City of the pickup address. It must be declared in the Shipper element for country that use city, please refer to the Reference Data (DHL Country) for country location type.

```
<xsd:element name="City" type="City" minOccurs="0"/>
```

```
<xsd:simpleType name="City"> <xsd:annotation>
  <xsd:documentation>City name</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="2"/>
    <xsd:maxLength value="35"/>
  </xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element. It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.16.7 Division Element

The Division element contains the state or county name of the shipper location. Please refer to the Reference Data (DHL Country) for country location type.

```
<xsd:element name="Division" type="Division" minOccurs="0" />
```

```
<xsd:simpleType name="Division">
```

```
<xsd:annotation>
  <xsd:documentation>Division (e.g. state, prefecture, etc.) name</xsd:documentation>
</xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element. It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.16.8 DivisionCode Element

The DivisionCode element contains the state or county code of the shipper location. Please refer to the Reference Data (DHL Country) for country location type.

```
<xsd:element name="DivisionCode" type="DivisionCode" minOccurs="0"/>

<xsd:simpleType name="DivisionCode">
  <xsd:annotation>
    <xsd:documentation>Division (e.g. state, prefecture, etc.) code</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element. It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.16.9 PostalCode Element

The PostalCode element contains the postal code of the pickup place. Please refer to the Reference Data (DHL Country) for country location type.

```
<xsd:element name="PostalCode" type="PostalCode" minOccurs="0" />

<xsd:simpleType name="PostalCode">
  <xsd:annotation>
    <xsd:documentation>Full postal/zip code for address</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="12" />
  </xsd:restriction>
</xsd:simpleType>
```

3.16.10 CountryCode Element

The CountryCode element contains the country code of the pickup place. It must be of 2 letters. Please refer to the Reference Data (DHL Country) for country codes.

```
<xsd:element name="CountryCode" type="CountryCode" />

<xsd:simpleType name="CountryCode">
  <xsd:annotation>
```



```
        <xsd:documentation>ISO country codes</xsd:documentation>
      </xsd:annotation>
      <xsd:restriction base="xsd:string">
        <xsd:length value="2" />
      </xsd:restriction>
    </xsd:simpleType>
```

3.16.11 CountryName Element

The CountryName element contains country name of the shipper. Its value should be valid DHL country name. This element must be declared once in the Shipper element. Please refer to the Reference Data (DHL Country) for country names.

```
<xsd:element name="CountryName" type="CountryName" />

<xsd:simpleType name="CountryName"> <xsd:annotation>
  <xsd:documentation>ISO country name</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string"> <xsd:maxLength value="35"/>
</xsd:restriction>
</xsd:simpleType>
```

3.16.12 FederalTaxId Element

The FederalTaxId element contains Federal Tax ID of the shipper. It is required for domestic shipment of country Brazil.

```
<xsd:element name="FederalTaxId" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:minLength value="0"/></xsd:minLength>
      <xsd:maxLength value="20"/></xsd:maxLength>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

3.16.13 StateTaxID Element

The StateTaxID element contains State Tax ID of the shipper. It is required for domestic shipment of country Brazil.

```
<xsd:element name="StateTaxId" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:minLength value="0"/></xsd:minLength>
      <xsd:maxLength value="20"/></xsd:maxLength>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

3.16.14 Contact Element

The Contact element contains the information about the contact at the shipper's location. It must be declared in the shipper element. The element contains follows elements.

```
<xsd:element name="Contact" type="Contact" />

<xsd:complexType name="Contact">
  <xsd:sequence>
```

```

<xsd:element name="PersonName" type="PersonName"/>
<xsd:element name="PhoneNumber" type="PhoneNumber"/>
<xsd:element name="PhoneExtension" type="PhoneExtension" minOccurs="0"/>
<xsd:element name="FaxNumber" type="PhoneNumber" minOccurs="0"/>
<xsd:element name="Telex" type="Telex" minOccurs="0"/>
<xsd:element name="Email" type="EmailAddress" minOccurs="0"/>
<xsd:element name="MobilePhoneNumber" type="MobilePhoneNumber" minOccurs="0"/>
</xsd:sequence>
</xsd:complexType>

```

Element Name	Datatype/Format	Req	Definition	Valid Values
PersonName	PersonName	M	Name	Min:2 Max:35
PhoneNumber	PhoneNumber	M	Telephone number	<=25 characters
PhoneExtension	PhoneExtension	O	Telephone extension no.	<=5 characters
FaxNumber	PhoneNumber	O	Fax number	<=25 characters
Telex	Telex	O	Telex number and answer back code	<=25 characters
Email	Email	O	Email address. This feature is currently not available.	<=50 characters
MobilePhoneNumber	MobilePhoneNumber	O	Mobile Phone Number	<=25 characters

3.16.14.1 PersonName Element

The Person Name element contains the name of the person sending the shipment. It is a mandatory element in the Shipper Contact element.

```

<xsd:element name="PersonName" type="PersonName"/>
<xsd:simpleType name="PersonName">
  <xsd:annotation>
    <xsd:documentation>Name</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="2" />
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>

```

Note: Using a CDATA definition is recommended for contents of this element.

It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.16.14.2 PhoneNumber Element

The Phone element contains the phone number of the person at shipper location. It is a mandatory element in the shipper contact element.

```

<xsd:element name="PhoneNumber" type="PhoneNumber"/>
<xsd:simpleType name="PhoneNumber">
  <xsd:annotation>
    <xsd:documentation>Phone Number</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="25" />
  </xsd:restriction>
</xsd:simpleType>

```



```
</xsd:restriction>
</xsd:simpleType>
```

3.16.14.3 PhoneExtension Element

The PhoneExtension element is the extension number of the shipper. It is an optional element in the shipper contact element.

```
<xsd:element name="PhoneExtension" type="PhoneExtension" minOccurs="0"/>

<xsd:simpleType name="PhoneExtension">
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="5" />
  </xsd:restriction>
</xsd:simpleType>
```

3.16.14.4 FaxNumber Element

This element contains the fax number of the shipper. It is an optional element in the shipper contact element.

```
<xsd:element name="FaxNumber" type="PhoneNumber" minOccurs="0"/>

<xsd:simpleType name="PhoneNumber">
  <xsd:annotation>
    <xsd:documentation>Phone Number</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="25" />
  </xsd:restriction>
</xsd:simpleType>
```

3.16.14.5 Telex Element

This element contains telex number and answer back code.

```
<xsd:element name="Telex" type="Telex" minOccurs="0"/>

<xsd:simpleType name="Telex">
  <xsd:annotation>
    <xsd:documentation>Telex number and answer back code</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="25" />
  </xsd:restriction>
</xsd:simpleType>
```

3.16.14.6 Email Element

Email feature is not currently available. Request messages need not include this element. This element contains the email message for the shipper.

```
<xsd:element name="Email" type="EmailAddress" minOccurs="0"/>

<xsd:simpleType name="EmailAddress">
  <xsd:annotation>
    <xsd:documentation>Email address containing '@'</xsd:documentation>
  </xsd:annotation>
```

```
<xsd:restriction base="xsd:string">
    <xsd:maxLength value="50"/>
</xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element. It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format.

3.16.14.7 MobilePhoneNumber Element

The MobilePhoneNumber element contains of mobile phone number of the consignee. It is an optional element in the consignee's contact Element. The value consist of maximum 25 numbers.

```
<xsd:simpleType name="MobilePhoneNumber" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation>Mobile Phone Number</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleType>
    <xsd:restriction base="xsd:positiveInteger">
      <xsd:maxInclusive value="99999999999999999999999999999999"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

3.16.15 Suburb Element

The suburb element contains suburb name of the shipper. It is optional field

```
<xsd:element name="Suburb" type="Suburb" minOccurs="0"/>

<xsd:simpleType name="Suburb">
  <xsd:annotation>
    <xsd:documentation>Suburb name</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.17 SpecialService Element

The SpecialService Element provides various special services for the shipment. It is an optional field. Please refer to the Reference Data and use appropriate Service codes enabled for the country.

```
<xsd:element name="SpecialService" type="dhl:SpecialService" minOccurs="0" maxOccurs="10"/>

<xsd:complexType name="SpecialService">
  <xsd:sequence>
    <xsd:element name="SpecialServiceType" type="SpecialServiceType" minOccurs="0"/>
    <xsd:element name="CommunicationAddress" type="CommunicationAddress" minOccurs="0"/>
    <xsd:element name="CommunicationType" type="CommunicationType" minOccurs="0"/>
    <xsd:element name="ChargeValue" type="Money" minOccurs="0"/>
    <xsd:element name="CurrencyCode" type="CurrencyCode" minOccurs="0"/>
    <xsd:element name="IsWaived" type="YesNo" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
SpecialServiceType	dhl:SpecialServiceType	O	Special service codes	Please refer to the Reference Data (Special Service Code)
CommunicationAddress	dhl:CommunicationAddress	O	Communication line number:Phone number, fax number	Less than 51 characters
CommunicationType	dhl:CommunicationType	O	Communication line type	P (Phone) F (Fax)
ChargeValue	dhl:Money	O	Charged value for the service	
CurrencyCode	dhl:CurrencyCode	O	Currency code used for the service	Not more than 3 characters. Please refer to the Reference Data (DHL Country).
IsWaived	dhl:YesNo	O	The service is waived for charge	Y (Yes) N (No)

3.17.1 SpecialServiceType Element

The SpecialServiceType element contains the code for special services provided for shipment. Please refer to the Reference Data and use appropriate Service codes enabled for the country.

```
<xsd:simpleType name="SpecialServiceType"><xsd:annotation>
  <xsd:documentation>Special Service codes</xsd:documentation>
</xsd:annotation>
<xsd:restriction base="xsd:string">
  <xsd:maxLength value="3"/>
</xsd:restriction>
</xsd:simpleType>
```

3.17.2 CommunicationAddress Element

The CommunicationAddress element contains the communication line number :fax number or phone number. It is an optional element in the SpecialService Element.

```
<xsd:simpleType name="CommunicationAddress">
  <xsd:annotation>
    <xsd:documentation>Communications line number: phone number, fax number</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="50"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.17.3 CommunicationType Element

The CommunicationType element contains the communication line type :fax or phone. It is an optional element in the SpecialService Element.

```
<xsd:simpleType name="CommunicationType"> <xsd:annotation>
  <xsd:documentation>Communications line type (P: phone, F: fax)</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1"/>
    <xsd:enumeration value="P"/>
    <xsd:enumeration value="F"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.17.4 ChargeValue Element

The ChargeValue element contains the chargeable amount for the special service. It is an optional element in the SpecialService Element.

```
<xsd:simpleType name="Money">
  <xsd:annotation>
    <xsd:documentation>Monetary amount (with 2 decimal precision)</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:float">
    <xsd:minInclusive value="0.00"/>
    <xsd:maxInclusive value="999999999.99"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.17.5 CurrencyCode Element

The CurrencyCode element identifies how the shipment is billed.

```
<xsd:simpleType name="CurrencyCode"> <xsd:annotation>
  <xsd:documentation>ISO currency code</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="3"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.17.6 IsWaived Element

This element tells whether special service is waived or not. It is an optional element in the special service segment. The value is either Y (Yes) or N (No).

```
<xsd:simpleType name="YesNo">
  <xsd:annotation>
    <xsd:documentation>Boolean flag</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1"/>
    <xsd:enumeration value="Y"/>
    <xsd:enumeration value="N"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.18 Notification Element

The Notification element contains the notification address and customized message to the designated recipient address for the shipment.

```
<xsd:element name="Notification" type="dhl:Notification" minOccurs="0"/>

<xsd:complexType name="Notification">
  <xsd:sequence>
    <xsd:element name="EmailAddress" type="Message" minOccurs="0"/>
    <xsd:element name="Message" type="Message" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
EmailAddress	dhl:Message	O	Multiple email address for receiving the notification message	Less than 250 characters
Message	dhl:Message	O	Notification message	Less than 250 characters

3.18.1 EmailAddress Element

The EmailAddress element indicates the multiple email address of the recipient that will receive the email notification message in Message element.

For multiple email address, it can be separated by semicolon ‘;’.

```
<xsd:element name="Message" type="Message" minOccurs="0"/>

</xsd:complexType>
<xsd:simpleType name="Message">
  <xsd:annotation>
    <xsd:documentation>Message</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="250" />
  </xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element. It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format.

3.18.2 Message Element

The Message element indicates the notification message that will be sent to the designated email address in EmailAddress element.

```
<xsd:element name="Message" type="Message" minOccurs="0"/>
</xsd:complexType>
<xsd:simpleType name="Message">
  <xsd:annotation>
    <xsd:documentation>Message</xsd:documentation>
  </xsd:annotation>
</xsd:simpleType>
```

```
<xsd:restriction base="xsd:string">
  <xsd:maxLength value="250" />
</xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element. It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.19 Place Element

The place element contains the address from the shipment has to be picked. This element should be declared once in the request message. The element contains following elements

```
<xsd:element name="Place" type="dhl:Place" minOccurs="0"/>
<xsd:complexType name="Place">
  <xsd:sequence>
    <xsd:element name="ResidenceOrBusiness" type="ResidenceOrBusiness" minOccurs="0" />
    <xsd:element name="CompanyName" type="CompanyNameValidator" />
    <xsd:element name="AddressLine" type="AddressLine" minOccurs="1" maxOccurs="3" />
    <xsd:element name="City" type="City" />
    <xsd:element name="CountryCode" type="CountryCode" />
    <xsd:element name="DivisionCode" type="StateCode" minOccurs="0" />
    <xsd:element name="Division" type="State" minOccurs="0" />
    <xsd:element name="PostalCode" type="PostalCode" minOccurs="0" />
    <xsd:element name="PackageLocation" type="PackageLocation" minOccurs="0" />
    <xsd:element name="Suburb" type="Suburb" minOccurs="0" />
  </xsd:sequence>
</xsd:complexType>
```



Element Name	Datatype/Format	Req	Definition	Valid Values
ResidenceOrBusiness	dhl:ResidenceOrBusiness	O	Location Type of the pickup place	
CompanyName	dhl:CompanyNameValidator	M	Company Name	
AddressLine	dhl:AddressLine	O	Address line 1 of the pick up place	
City	dhl:City	M	City of the pickup place	
Country Code	dhl:CountryCode	M	Country Code of the pickup place.	Please refer to the Reference Data (DHL Country)
DivisionCode	dhl:StateCode	O	Division Code	Please refer to the Reference Data (DHL Country) for country use division
Division	dhl:State	O	Division name	Please refer to the Reference Data (DHL Country) for country use division
PostalCode	dhl:PostalCode	O	Postal Code	Please refer to the Reference Data (DHL Country) for country use postal code
PackageLocation	dhl:PackageLocation	O	Package location	
Suburb Name	dhl:Suburb	O	Suburb Name	

3.19.1 ResidenceOrBusiness Element

The Location Type element contains the type of location from where the shipment is to be picked. The element must be declared once in the Place element. The acceptable values are B (Business), R (Residence) C (Business/Residence).

```
<xsd:element name="ResidenceOrBusiness" type="ResidenceOrBusiness" minOccurs="0" />

<xsd:element name="ResidenceOrBusiness">
  <xsd:annotation>
    <xsd:documentation>Type Of Location B=Business R=Residence C= Business/Residence</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="1"/>
      <xsd:enumeration value="B"/>
      <xsd:enumeration value="R"/>
      <xsd:enumeration value="C"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

3.19.2 CompanyName Element

The Company Name element contains the name of the company. The element must be declared unless the value specified in the element LocationType is not “R”.

```
<xsd:element name="CompanyName" type="CompanyNameValidator" />

<xsd:simpleType name="CompanyNameValidator">
  <xsd:annotation>
    <xsd:documentation>Name of company / business</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
```

```
<xsd:minLength value="0" />
<xsd:maxLength value="35" />
</xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element.

It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.19.3 AddressLine Element

The AddressLine element contains the address to the pickup place. There are two elements for address. The first element AddressLine is mandatory and maximum of 3 address line.

```
<xsd:element name="AddressLine" type="AddressLine" minOccurs="1" maxOccurs="3" />
```

```
<xsd:simpleType name="AddressLine">
  <xsd:annotation>
    <xsd:documentation>Address Line</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" fixed="false"/>
  </xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element.

It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.19.4 City Element

The City element contains the City of the pick address. It must be declared in the Place element.

```
<xsd:element name="City" type="City" />
```

```
<xsd:simpleType name="City">
  <xsd:annotation>
    <xsd:documentation>City name</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35"/>
  </xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element.

It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.19.5 CountryCode Element

The Country Code element contains the country code of the pickup place. It must be of 2 letters. Please refer to the Reference Data (DHL Country) for country codes.

```
<xsd:element name="CountryCode" type="CountryCode" />
```



```
<xsd:simpleType name="CountryCode">
  <xsd:annotation>
    <xsd:documentation>ISO country codes</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="2" />
  </xsd:restriction>
</xsd:simpleType>
```

3.19.6 DivisionCode Element

The DivisionCode element contains the division code of the pickup place. Refer to Reference Data (DHL Country) for country that uses division.

```
<xsd:element name="DivisionCode" type="StateCode" minOccurs="0" />

<xsd:simpleType name="StateCode">
  <xsd:annotation>
    <xsd:documentation>Division (state) code.</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element. It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.19.7 Division Element

The Division element contains the division name of the pickup place.

```
<xsd:element name="Division" type="State" minOccurs="0" />

<xsd:simpleType name="State">
  <xsd:annotation>
    <xsd:documentation>State</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element. It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.19.8 PostalCode Element

The PostalCode element contains the postal code of the pickup place. Refer to Reference Data (DHL Country) for country that uses postal code.

```
<xsd:element name="PostalCode" type="PostalCode" minOccurs="0" />

<xsd:simpleType name="PostalCode">
```

```
<xsd:annotation>
  <xsd:documentation>Full postal/zip code for address
</xsd:documentation>
</xsd:annotation>
<xsd:restriction base="xsd:string">
  <xsd:maxLength value="12" />
</xsd:restriction>
</xsd:simpleType>
```

3.19.9 PackageLocation Element

The PackageLocation element contains the location to pick up the package.

```
<xsd:element name="PackageLocation" type="PackageLocation" minOccurs="0" />
```

```
<xsd:simpleType name="PackageLocation">
  <xsd:annotation>
    <xsd:documentation>PackageLocation</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="40" />
  </xsd:restriction>
</xsd:simpleType>
```

Note: Using a CDATA definition is recommended for contents of this element.

It is allowed to use without CDATA definition for extended characters and request XML must be saved in UTF-8 format. This field support Cyrillic characters.

3.19.10 Suburb Element

The suburb element contains the suburb name to pick up the package.

```
<xsd:element name="Suburb" type="Suburb" minOccurs="0"/>
```

```
<xsd:simpleType name="Suburb">
  <xsd:annotation>
    <xsd:documentation>Suburb name</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.20 EProcShip Element

The EProcShip element indicates whether shipment has to generate waybill or not. It is an optional field. Its value is either Y (Yes – For not generating the waybill and not manifest the shipment) or N (No – To generate the waybill).

For EU, NON PLT shipment and If the value of this flag is passed as 'Y' the shipment request data will be validated, and shipment rate can be bypassed and will not be returned,. For PLT shipments and if the value of this flag passed as 'Y' then shipment rate will be returned.

If this is passed as 'N' the shipment is validated, rates are returned and waybill is returned and shipment is manifested (generated). Once the shipment is picked up, user can then track their shipments using this waybill number.

```
<xsd:element name="EProcShip" type="dhl:YesNo" minOccurs="0"/>

<xsd:simpleType name="YesNo">
  <xsd:annotation>
    <xsd:documentation>Boolean flag</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1"/>
    <xsd:enumeration value="Y"/>
    <xsd:enumeration value="N"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.21 Airwaybill Element

The Airwaybill element indicates the waybill number of the Paperless Trade (PLT) shipment that will be used for Image Upload service.

Note: This is only applicable for Image Upload service.

```
<xsd:element name="Airwaybill" type="dhl:AWBNumber" minOccurs="0"/>
```

3.22 DocImages Element

The DocImages element indicates Paperless Trade (PLT) shipment related Commercial Invoice or other supporting document images.

```
<xsd:element name="DocImages" type="dhl:DocImages" minOccurs="0"/>

<xsd:complexType name="DocImages">
  <xsd:annotation>
```

```

    <xsd:documentation>DocImages</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="DocImage" type="DocImage" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="DocImage">
  <xsd:annotation>
    <xsd:documentation>DocImage</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="Type" type="Type"/>
    <xsd:element name="Image" type="Image"/>
    <xsd:element name="ImageFormat" type="ImageFormat"/>
  </xsd:sequence>
</xsd:complexType>

```

Element Name	Datatype/Format	Req	Definition	Valid Values
Type	Type	M	Supporting document image type	HWB=Air waybill INV=Invoice PNV=Proforma COO=Certificate Of Origin NAF=Nafta Certificate of Origin CIN=Commercial Invoice DCL=Customs Declaration
Image	Image	M	Supporting document image in base64	Maximum image size is 1 MB (2048 KB)
ImageFormat	ImageFormat	M	Supporting document image format	<ul style="list-style-type: none"> • PDF (Portable Document Format) • PNG (Portable Network Graphics) • TIFF (Tag Image File Format) • GIF (Graphics Interchange Format) • JPEG (Joint Photographic Experts Group)

3.22.1 Type Element

The Type element indicates supporting document image type.

```

<xsd:simpleType name="Type">
  <xsd:annotation>
    <xsd:documentation>Customer Commercial Invoice Image Type</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="3"/>
    <xsd:enumeration value="HWB"/>
    <xsd:enumeration value="INV"/>
    <xsd:enumeration value="PNV"/>
    <xsd:enumeration value="COO"/>
    <xsd:enumeration value="NAF"/>
    <xsd:enumeration value="CIN"/>
  </xsd:restriction>
</xsd:simpleType>

```

```
<xsd:enumeration value="DCL"/>
</xsd:restriction>
</xsd:simpleType>
```

3.22.2 Image Element

The Image element contains the supporting document image in base64.

```
<xsd:simpleType name="Image">
  <xsd:annotation>
    <xsd:documentation>Customer Commercial Invoice Image</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:base64Binary"/>
</xsd:simpleType>
```

3.22.3 ImageFormat Element

The ImageFormat element indicates the supporting document image format.

```
<xsd:simpleType name="ImageFormat">
  <xsd:annotation>
    <xsd:documentation>Customer Commercial Invoice Image Format</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="5"/>
    <xsd:enumeration value="PDF"/>
    <xsd:enumeration value="PNG"/>
    <xsd:enumeration value="TIFF"/>
    <xsd:enumeration value="GIF"/>
    <xsd:enumeration value="JPEG"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.23 LabelImageFormat Element

The LabelImageFormat element indicates to receive the GLS's generated Transport label and Archive document image in Shipment Validation response XML for the required output format that supported by GLSv3.

```
<xsd:element name="LabelImageFormat" type="dhl:LabelImageFormat" minOccurs="0"/>

<xsd:simpleType name="LabelImageFormat">
  <xsd:annotation>
    <xsd:documentation>LabelImageFormat</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="3" />
    <xsd:maxLength value="4" />
    <xsd:enumeration value="EPL2" />
    <xsd:enumeration value="PDF" />
    <xsd:enumeration value="ZPL2" />
  </xsd:restriction>
</xsd:simpleType>
```

3.24 RequestArchiveDoc Element

The RequestArchiveDoc element indicates to receive the GLS's generated Archive document image in Shipment Validation response XML for the required output format that supported by GLSv3.

With value of 'Y', Archive document image will be returned to Shipment Validation response XML if LabelImageFormat element is defined.

```
<xsd:element name="RequestArchiveDoc" type="dhl:YesNo" minOccurs="0"/>
```

3.25 NumberOfArchiveDoc Element

The NumberOfArchiveDoc element indicates the number of archive doc that user wants to generate.

With value of '1', one archive document image will be returned to Shipment Validation response XML. With value of '2', two archive document image will be returned.

```
<xsd:element name="NumberOfArchiveDoc" type="dhl:YesNo" minOccurs="0"/>
```

3.26 Label Element

The Label element defines the required label template, customer's logo image plus image format, and DPI resolution.

```
<xsd:element name="Label" type="dhl:Label" minOccurs="0"/>
```

```
<xsd:complexType name="Label">
  <xsd:annotation>
    <xsd:documentation>Label</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="HideAccount" type="YesNo" minOccurs="0"/>
    <xsd:element name="LabelTemplate" type="LabelTemplate" minOccurs="0"/>
    <xsd:element name="ReceiptTemplate" type="ReceiptTemplate" minOccurs="0"/>
    <xsd:element name="DocDetach" type="DocDetach" minOccurs="0"/>
    <xsd:element name="Logo" type="YesNo" minOccurs="0"/>
    <xsd:element name="CustomerLogo" type="CustomerLogo" minOccurs="0"/>
    <xsd:element name="Resolution" type="Resolution" minOccurs="0"/>
    <xsd:element name="CustomerBarcodeType" type="xsd:string" minOccurs="0"/>
    <xsd:element name="CustomerBarcodeCode" type="xsd:string" minOccurs="0"/>
    <xsd:element name="CustomerBarcodeText" type="xsd:string" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```



Element Name	Datatype/Format	Req	Definition	Valid Values
HideAccount	HideAccount	O	To hide account on the label template	Y indicates Hide N indicates not to Hide
LabelTemplate	LabelTemplate	O	GLSv3 Transport label template that published in XML Services v5.0	8X4_A4_PDF 8X4_thermal 8X4_A4_TC_PDF 6X4_thermal 6X4_A4_PDF 8X4_CI_PDF 8X4_CI_thermal 8X4_RU_A4_PDF 6X4_PDF 8X4_PDF 8X4_CustBarCode_PDF 8X4_CustBarCode_thermal
ReceiptTemplate	ReceiptTemplate	O		SHIP_RECPT_A4_RU_PDF Note: This is only applicable for country Russia (RU) usage.
DocDetach	ShipmentReceipt	O	Indicates if shipment receipt should be generated in a separate document	ShpRcpt Note: This is only applicable for country Russia (RU) usage, 8X4_RU_A4_PDF and SHIP_RECPT_A4_RU_PDF template.
Logo	YesNo	O	Determines DHL logo to be printed in thermal label only	
CustomerLogo	CustomerLogo	O	Client's company logo	
Resolution	Resolution	O	DPI resolution for label printer	
CustomerBarcodeType	xsd:string	O	Customer barcode type	28 ean128 93 25
CustomerBarcodeCode	xsd:string	O	Customer barcode code	
CustomerBarcodeText	xsd:string	O	Customer barcode text	

3.26.1 HideAccount

The HideAccount element to enable XML Services client to display the visibility of the Account number on the label.

```
<xsd:element name="HideAccount" type="YesNo" minOccurs="0"/>
```

3.26.2 LabelTemplate Element

The LabelTemplate element indicates GLSv3 transport label templates that published in XML Services v6.0.

```
<xsd:simpleType name="LabelTemplate">
```

```
<xsd:annotation>
  <xsd:documentation>LabelTemplate</xsd:documentation>
</xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="8X4_A4_PDF" />
    <xsd:enumeration value="8X4_thermal" />
    <xsd:enumeration value="8X4_A4_TC_PDF" />
    <xsd:enumeration value="8X4_CI_PDF" />
    <xsd:enumeration value="8X4_CI_thermal" />
    <xsd:enumeration value="6X4_A4_PDF" />
    <xsd:enumeration value="6X4_thermal" />
    <xsd:enumeration value="8X4_RU_A4_PDF" />
    <xsd:enumeration value="6X4_PDF"/>
    <xsd:enumeration value="8X4_PDF"/>
    <xsd:enumeration value="8X4_CustBarCode_PDF"/>
    <xsd:enumeration value="8X4_CustBarCode_thermal"/>
  </xsd:restriction>
</xsd:simpleType>
```

Below default label template will be used if incorrect Label Image Format type and label template combination is available in shipment request:

- a) For Label Image Format of “PDF”, default label template is 8X4_A4_PDF format.
- b) For Label Image Format of “ZPL2” or “EPL2”, default label template is 8X4_thermal.

3.26.3 ReceiptTemplate Element

The ReceiptTemplate element indicates shipment receipt template.

Note: This is only applicable for country Russia (RU) usage.

```
<xsd:simpleType name="ReceiptTemplate">
  <xsd:annotation>
    <xsd:documentation>ReceiptTemplate</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="SHIP_RECPT_A4_RU_PDF" />
    <xsd:maxLength value="30"/>
  </xsd:restriction>
</xsd:simpleType>
```

3.26.4 DocDetach Element

The DocDetach element indicates whether the shipment receipt should be generated in a separate document.

Note: This is only applicable for country Russia (RU) usage, 8X4_RU_A4_PDF and SHIP_RECPT_A4_RU_PDF template.

```
<xsd:simpleType name="DocDetach">
  <xsd:annotation>
    <xsd:documentation>DocDetach</xsd:documentation>
  </xsd:annotation>
```



```

<xsd:restriction base="xsd:string">
  <xsd:enumeration value="ShpRcpt" />
  <xsd:maxLength value="30"/>
</xsd:restriction>
</xsd:simpleType>

```

3.26.5 Logo Element

The Logo element determines DHL logo to be printed in thermal label printout.

```

<xsd:element name="Logo" type="YesNo" minOccurs="0"/>

```

3.26.6 CustomerLogo Element

The CustomerLogo element consists of customer's company logo image in base64 and its image size format to be printed in Transport label.

```

<xsd:complexType name="CustomerLogo">
  <xsd:annotation>
    <xsd:documentation>CustomerLogo</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="LogoImage" type="LogoImage" />
    <xsd:element name="LogoImageFormat" type="LogoImageFormat" />
  </xsd:sequence>
</xsd:complexType>

```

Element Name	Datatype/Format	Req	Definition	Valid Values
LogoImage	LogoImage	M	Customer's company logo image in base64 format.	Maximum length is 1 MB
LogoImageFormat	LogoImageFormat	M	Customer's company logo image format	<ul style="list-style-type: none"> GIF (Graphics Interchange Format) PNG (Portable Network Graphics) JPEG (Joint Photographic Experts Group) JPG (Short for JPEG)

3.26.5.1 LogoImage Element

The LogoImage element indicates customer's logo image in base64 format.

```

<xsd:simpleType name="LogoImage">
  <xsd:annotation>
    <xsd:documentation>LogoImage</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:base64Binary">
    <xsd:maxLength value="1048576" />
  </xsd:restriction>
</xsd:simpleType>

```

3.26.5.2 LogoImageFormat Element

The LogoImageFormat element indicates customer's logo image format.

```
<xsd:simpleType name="LogoImageFormat">
  <xsd:annotation>
    <xsd:documentation>LogoImage Format</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="PNG" />
    <xsd:enumeration value="GIF" />
    <xsd:enumeration value="JPEG" />
    <xsd:enumeration value="JPG" />
  </xsd:restriction>
</xsd:simpleType>
```

3.26.7 Resolution Element

The Resolution element indicates the DPI resolution required for label output on selected printer.

```
<xsd:simpleType name="Resolution">
  <xsd:annotation>
    <xsd:documentation>Resolution</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:positiveInteger">
    <xsd:minInclusive value="200" />
    <xsd:maxInclusive value="300" />
  </xsd:restriction>
</xsd:simpleType>
```

3.26.8 CustomerBarcodeType Element

The CustomerBarcodeType element consists of customer's barcode type to be printed in Transport label using these 8X4_CustBarCode_PDF and 8X4_CustBarCode_thermal templates.

```
<xsd:element name="CustomerBarcodeType" type="xsd:string" minOccurs="0"/>
```

3.26.9 CustomerBarcodeCode Element

The CustomerBarcodeCode element consists of customer's barcode code to be printed in Transport label using these 8X4_CustBarCode_PDF and 8X4_CustBarCode_thermal templates.

```
<xsd:element name="CustomerBarcodeCode" type="xsd:string" minOccurs="0"/>
```

3.26.10 CustomerBarcodeText Element

The CustomerBarcodeText element consists of customer's barcode text to be printed in Transport label using these 8X4_CustBarCode_PDF and 8X4_CustBarCode_thermal templates.

```
<xsd:element name="CustomerBarcodeText" type="xsd:string" minOccurs="0"/>
```

3.27 ODDLinkReq Element

The ODDLinkReq element indicates to receive the URL link for On Demand Delivery (ODD) page for the specified Waybill number, Shipper Account Number, Origin Service Area Code and Destination Service

Area Code in Shipment Validation response XML.

With value of 'Y', URL link for On Demand Delivery (ODD) page will be returned to Shipment Validation response XML if ODDLinkReq element is defined.

```
<xsd:element name="ODDLinkReq" type="dhl:YesNo" minOccurs="0"/>
```

3.28 DGs Element

The DGs element defines the details of the Dangerous Goods items that included in shipment.

```
<xsd:element name="DGs" type="dhl:DGs" minOccurs="0"/>
```

```
<xsd:complexType name="DGs">
```

```
<xsd:annotation>
```

```
<xsd:documentation>Multiple Dangerous Goods Item</xsd:documentation>
```

```
</xsd:annotation>
```

```
<xsd:sequence>
```

```
<xsd:element name="DG" type="DG" minOccurs="0" maxOccurs="unbounded"/>
```

```
</xsd:sequence>
```

```
</xsd:complexType>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
DG	Complex type	O	This element contains the details of each Dangerous Goods item	

3.28.1 DG Element

The DG element contains the details of each Dangerous Goods item that included in the shipment.

```
<xsd:complexType name="DG">
```

```
<xsd:annotation>
```

```
<xsd:documentation>Dangerous Goods</xsd:documentation>
```

```
</xsd:annotation>
```

```
<xsd:sequence>
```

```
<xsd:element name="DG_ContentID" type="xsd:string"/>
```

```
<xsd:element name="DG_LabelDesc" type="xsd:string" minOccurs="0"/>
```

```
<xsd:element name="DG_NetWeight" type="Weight" minOccurs="0"/>
```

```
<xsd:element name="DG_UOM" type="DG_UOM" minOccurs="0"/>
```

```
<xsd:element name="DG_UNCode" type="xsd:string" minOccurs="0"/>
```

```
</xsd:sequence>
```

```
</xsd:complexType>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
DG_ContentID	xsd:string	M	Dangerous Goods Content ID	Reference Data XLS Refer to <Dangerous Goods> tab sheet
DG_LabelDesc	xsd:string	O	Dangerous Goods Label Description	
DG_NetWeight	Weight	O	Dangerous Goods Net Weight. Note: For Dry Ice, Net Weight and UOM must be defined in DG element.	
DG_UOM	DG_UOM	O	Dangerous Goods Unit of Measurement. Note: For Dry Ice, Net Weight and	KG – Kilogram LB – Pounds



			UOM must be defined in DG element.	
DG_UNCode	xsd:string	O	Dangerous Goods with Excepted Quantities attributes using UN code	

3.28.1.1 DG_ContentID Element

The DG_ContentID element contains the Dangerous Goods Content ID that included in the shipment.

```
<xsd:element name="DG_ContentID" type="xsd:string"/>
```

3.28.1.2 DG_LabelDesc Element

The DG_LabelDesc element contains the Dangerous Goods Label Description that included in the shipment. It is recommended to leave it empty and it will be lookup via label rendering for the updated description.

```
<xsd:element name="DG_LabelDesc" type="xsd:string" minOccurs="0"/>
```

3.28.1.3 DG_NetWeight Element

The DG_NetWeight element contains the Dangerous Goods Net Weight that included in the shipment. It is required for Dry Ice with Unit of Measurement details also.

```
<xsd:element name="DG_NetWeight" type="Weight" minOccurs="0"/>
```

3.28.1.4 DG_UOM Element

The DG_UOM element contains the Dangerous Goods Unit of Measurement that included in the shipment. It is required for Dry Ice with Net Weight details also.

```
<xsd:element name="DG_UOM" type="DG_UOM" minOccurs="0"/>
```

```
<xsd:simpleType name="DG_UOM">
  <xsd:annotation>
    <xsd:documentation>DG_UOM</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="KG" />
    <xsd:enumeration value="LB" />
  </xsd:restriction>
</xsd:simpleType>
```

3.28.1.5 DG_UNCode Element

The DG_UNCode element contains the Dangerous Goods with Excepted Quantities attributes using UN code that included in the shipment.

```
<xsd:element name="DG_UNCode" type="xsd:string" minOccurs="0"/>
```

4 Shipment Validation Response Schema

Following is the global schema of Shipment Validation response. All successful Shipment Validation response confirm to the following schema file and its version of 1.0.

Schema Version 6.0:

```
<?xml version="1.0" encoding="UTF-8"?>
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns="http://www.dhl.com"
  xmlns:dhl="http://www.dhl.com/datatypes_global" targetNamespace="http://www.dhl.com" elementFormDefault="unqualified">
  <xsd:import namespace="http://www.dhl.com/datatypes_global" schemaLocation="./datatypes_global.xsd"/>
  <xsd:element name="ShipmentResponse">
    <xsd:annotation>
      <xsd:documentation>Shipment Validation Global response root element</xsd:documentation>
    </xsd:annotation>
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element name="Response" type="dhl:Response"/>
        <xsd:element name="RegionCode" type="dhl:RegionCode"/>
        <xsd:element name="Note" type="dhl:Note"/>
        <xsd:element name="AirwayBillNumber" type="dhl:AWBNumber"/>
        <xsd:element name="BillingCode" type="dhl:BillCode"/>
        <xsd:element name="CurrencyCode" type="dhl:CurrencyCode"/>
        <xsd:element name="CourierMessage" type="dhl:CourierMsg" minOccurs="0"/>
        <xsd:element name="DestinationServiceArea" type="dhl:DestinationServiceArea"/>
        <xsd:element name="OriginServiceArea" type="dhl:OriginServiceArea"/>
        <xsd:element name="PackageCharge" type="dhl:Money" minOccurs="0"/>
        <xsd:element name="Rated" type="dhl:YesNo"/>
        <xsd:element name="ShippingCharge" type="dhl:Money" minOccurs="0"/>
        <xsd:element name="InsuredAmount" type="dhl:Money" minOccurs="0"/>
        <xsd:element name="WeightUnit">
          <xsd:simpleType>
            <xsd:restriction base="xsd:string">
              <xsd:minLength value="0"/>
              <xsd:maxLength value="1"/>
            </xsd:restriction>
          </xsd:simpleType>
        </xsd:element>
        <xsd:element name="ChargeableWeight" type="dhl:Weight" minOccurs="0"/>
        <xsd:element name="DimensionalWeight" type="dhl:Weight" minOccurs="0"/>
        <xsd:element name="ReadyByTime" type="dhl:TimeHM" minOccurs="0"/>
        <xsd:element name="PickupCharge" type="dhl:Money" minOccurs="0"/>
        <xsd:element name="CallInTime" type="dhl:TimeHM" minOccurs="0"/>
        <xsd:element name="DaysAdvanceNotice" type="dhl:AdvanceDaysNotice" minOccurs="0"/>
        <xsd:element name="ConversionRate" type="dhl:Money" minOccurs="0"/>
        <xsd:element name="CountryCode" type="dhl:CountryCode"/>
        <xsd:element name="Pieces" type="dhl:ShipValResponsePieces" minOccurs="0" maxOccurs="1"/>
        <xsd:element name="Barcodes">
          <xsd:complexType>
            <xsd:sequence>
              <xsd:element name="AWBBarcode" type="dhl:BarCode"/>
              <xsd:element name="OriginDestnBarcode" type="dhl:BarCode"/>
              <xsd:element name="ClientIDBarcode" type="dhl:BarCode" minOccurs="0"/>
              <xsd:element name="BarCode2D" type="dhl:BarCode" minOccurs="0" maxOccurs="1"/>
              <xsd:element name="DHLRoutingBarcode" type="dhl:BarCode"/>
            </xsd:sequence>
          </xsd:complexType>
        </xsd:element>
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
</xsd:schema>
```



```

        minOccurs="0" maxOccurs="1"/>
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
  <xsd:element name="Piece" type="xsd:positiveInteger">
    <xsd:annotation>
      <xsd:documentation>no of pieces contained in
        shipment</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="Contents" type="xsd:string"/>
  <xsd:element name="Reference" type="dhl:Reference" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="Consignee" type="dhl:Consignee"/>
  <xsd:element name="Shipper" type="dhl:Shipper"/>
  <xsd:element name="AccountNumber" type="dhl:AccountNumber" minOccurs="0"/>
  <xsd:element name="CustomerID" type="xsd:string"/>
  <xsd:element name="ShipmentDate" type="dhl:Date"/>
  <xsd:element name="GlobalProductCode" type="dhl:ProductCode"/>
  <xsd:element name="DHLRoutingCode" type="dhl:DHLRoutingCode" minOccurs="0"
    maxOccurs="1"/>
  <xsd:element name="DHLRoutingDataId" type="dhl:DHLRoutingCode" minOccurs="0"
    maxOccurs="1"/>
  <xsd:element name="ProductContentCode" type="xsd:string" minOccurs="0" maxOccurs="1"/>
  <xsd:element name="ProductShortName" type="xsd:string" minOccurs="0" maxOccurs="1"/>
  <xsd:element name="InternalServiceCode" type="dhl:InternalServiceCode" minOccurs="0"
    maxOccurs="unbounded"/>
  <xsd:element name="DeliveryDateCode" type="xsd:string" minOccurs="0" maxOccurs="1"/>
  <xsd:element name="DeliveryTimeCode" type="xsd:string" minOccurs="0" maxOccurs="1"/>
  <xsd:element name="SpecialService" type="dhl:SpecialService" minOccurs="0" maxOccurs="5"/>
  <xsd:element name="Billing" type="dhl:Billing" minOccurs="0"/>
  <xsd:element name="Dutiable" type="dhl:Dutiable" minOccurs="0"/>
  <xsd:element name="ExportDeclaration" type="dhl:ExportDeclaration" minOccurs="0"/>
  <xsd:element name="NewShipper" type="dhl:YesNo" minOccurs="0"/>
  <xsd:element name="PLTStatus" type="dhl:PLTStatus" minOccurs="0"/>
  <xsd:element name="QtyInAdCur" type="dhl:QtyInAdCur" minOccurs="0"
    maxOccurs="unbounded"/>
  <xsd:element name="LabelImage" type="dhl:LabelImage" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="CustData" type="CustData" minOccurs="0"/>
  <xsd:element name="ShipmentCharges" type="dhl:ShipmentCharges" minOccurs="0"/>
  <xsd:element name="ODDURLLink" type="xsd:string" minOccurs="0"/>
  <xsd:element name="DGs" type="dhl:DGs" minOccurs="0"/>
  <xsd:element name="Label" type="dhl:Label" minOccurs="0"/>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
</xsd:schema>
```



4.1 Shipment validation response Data Element Definitions

The Shipment validation response schema contains the following elements.

Element Name	Datatype/Format	Req	Definition	Valid Values
Response	dhl:Response	M	Identifies the message as a response message	
RegionCode	dhl:RegionCode	O	Identifies the shipment request belongs to which region	
Note	dhl:Note	M	Note element	
AirwayBillNumber	dhl:AWBNumber	M	If shipment validation request is successful, this is the actual waybill number assigned to the shipment.	
BillingCode	dhl:BillingCode	M	Identifies how the shipment is billed.	
CurrencyCode	dhl:CurrencyCode	M	Identifies the currency code of the shipment	
CourierMessage	dhl:CourierMsg	O	Message for the courier	
DestinationServiceArea	dhl:DestinationServiceArea	M	Destination Service Area of the shipment.	
OriginServiceArea	dhl:OriginServiceArea	M	Origin Service Area of the Shipment.	
PackageCharge	dhl:Money	O	Charge for package delivery	
Rated	dhl:YesNo	M	Indicates if the shipment was rated or Not	“N” indicates that no rates could be retrieved for the given search criteria. Value will be “N” for third party or receiver payment type. “N” value when shipper is payer indicates that rates could not be obtained because of system configuration or availability reasons.
ShippingCharge	dhl:Money	O	The total shipping charge of the shipment	
InsuredAmount	dhl:Money	O	Insured amount of the shipment	
WeightUnit	dhl:WeightUnit	M	The unit of measurement of the package’s weight	K (Kilograms) L (Pounds)



Element Name	Datatype/Format	Req	Definition	Valid Values
ChargeableWeight	dhl:Weight	O	Weight used to calculate shipment charge	
DimensionalWeight	dhl:Weight	O	Dimensional weight of the shipment	
ReadyByTime	dhl:TimeHM	O	Ready by time for the shipment	
PickupCharge	dhl:Money	O	Pickup charge	
CallInTime	dhl:TimeHM	O	Call in time	
DaysAdvanceNotice	dhl:AdvanceDaysNotice	O	Number of advance day noticed required	
ConversionRate	dhl:Money	O	Conversation rate	
CountryCode	dhl:CountryCode	M	ISO country code	
Pieces	dhl:ShipValResponsePieces	M	Pieces segment of the shipment	
Barcodes	xsd:complexType	M	Barcodes segment contains the barcode base64 image for Air waybill, Origin Destination, Client ID and DHL Routing barcode	
Piece	xsd:positiveInteger	M	Number of pieces contained in shipment	
Contents	xsd:string	M	Shipment contents description	
Reference	dhl:Reference	O	Shipment Reference information	
Consignee	dhl:Consignee	M	Identifies the consignee(receiver) of the shipment	
Shipper	dhl:Shipper	M	Informatio identifying the shipper	
AccountNumber	dhl:AccountNumber	O	DHL Account number	
CustomerID	xsd:string	M	Customer ID	
ShipmentDate	dhl:date	M	The shipment date	
GlobalProductCode	dhl:GlobalProductCode	M	Global Product code of the shipment	
DHLRoutingCode	dhl: DHLRoutingCode	O	The DHL ISO Routing Barcode in plain text format. It contains destination country, destination zip code, transport products and associated product features.	
DHLRoutingDataId	dhl:DHLRoutingCode	O	Contains the DHL Routing barcode data identifier.	Valid values: - 2L (Current value in XML Services) - 403
ProductContentCode	xsd:string	O	Indicates the DHL's internal code of the product.	
ProductShortName	xsd:string	O	Indicates the product name which the underlying transport service has been sold to the customer.	
InternalServiceCode	dhl:InternalServiceCode	O	Indicates the DHL product handling relevant services or features	
DeliveryDateCode	xsd:string	O	Indicates the Delivery Date feature	
DeliveryTimeCode	xsd:string	O	Indicates the Delivery Time feature	
SpecialService	dhl:SpecialService	O	Identifies special services and related charges, if any	
Billing	dhl:Billing	O	Billing information for the shipment	
Dutiable	dhl:Dutiable	O	Dutiable information for the shipment	

Element Name	Datatype/Format	Req	Definition	Valid Values
ExportDeclaration	dhl:ExportDeclaration	O	Export declaration details	
NewShipper	dhl:YesNo	O	To check if the shipper is new	
PLTStatus	dhl:PLTStatus	O	PLT subscription status	
QtdSInAdCur	dhl:QtdSInAdCur	O	Multiple currency billing details returned for different billing role of shipment charges if available in DCT tariff	
LabelImage	dhl:LabelImage	O	GLS's generated Global and Archieve label image output	
CustData	CustData	O	Customer data that required to be printed on GLS transport label CI template	
ShipmentCharges	dhl:ShipmentCharges	O	Shipment Charges (Only cater Mexico COD requirements)	
ODDURLLink	xsd:string	O	URL link for On Demand Delivery page	

4.2 Response Element

The element contains the header information for the message. It is present in both the request and response XML message. The response element contains a complex datatype ServiceHeader.

```
<xsd:complexType name="Response">
  <xsd:annotation>
    <xsd:documentation>Generic response header</xsd:documentation> </xsd:annotation>
    <xsd:sequence>
      <xsd:element name="ServiceHeader" type="ResponseServiceHeader" /> </xsd:sequence>
    </xsd:complexType>
```

4.2.1 ServiceHeader Element

The Service Header element contains the header information about the request message. This element must be declared only once in the Response element.

```
<xsd:element name="ServiceHeader" type="ResponseServiceHeader" />

<xsd:complexType name="ResponseServiceHeader">
  <xsd:annotation><xsd:documentation>Standard routing header</xsd:documentation></xsd:annotation>
  <xsd:sequence>
    <xsd:element name="MessageTime" type="xsd:dateTime">
      <xsd:annotation>
        <xsd:documentation>Time this message is sent</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="MessageReference" type="MessageReference">
      <xsd:annotation>
        <xsd:documentation>A string, preferably number, to uniquely identify individual messages. Minimum length must be 28 and maximum length is 32</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="SiteID" type="SiteID" />
  </xsd:sequence>
</xsd:complexType>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
MessageTime	xsd:dateTime	M	Identifies the message time.	
MessageReference	MessageReference	M	Message reference number.	
SiteID	SiteID	M	Identifies the sender of the request message. It is a mandatory field in the request message.	

4.2.1.1 MessageTime Element

The Message Time element contains the time at which the message was send by the requestor. The format of the should be YYYY-MM-DD(T)hh-mm-ss-Time Zone where “T” is the separator between date and time.

e.g. 2002-12-02T13:23:18-07:00

```
<xsd:element name="MessageTime" type="xsd:dateTime">
  <xsd:annotation>
    <xsd:documentation>Time this message is sent</xsd:documentation>
  </xsd:annotation>
</xsd:element>
```

4.2.1.2 MessageReference Element

The Message Reference element should contain a unique reference to the message, so that trace of a particular message can be done easily. It must be of minimum length of 28 and maximum 32. The value can be decided by customer.

```
<xsd:element name="MessageReference" type="MessageReference">
  <xsd:annotation>
    <xsd:documentation>A string, peferably number, to uniquely identify individual messages. Minimum length must be
    28 and maximum length is 32
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
```

4.2.1.3 SiteID Element

The site id element is used to identify the requestor of the message. Each partner/customer is provided with the site id and password. Each request message received is validated with this before proceeding forward.

```
<xsd:element name="SiteID" type="SiteID" />

<xsd:simpleType name="SiteID">
  <xsd:annotation>
    <xsd:documentation>Site ID used for verifying the sender</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="6" />
    <xsd:maxLength value="20" />
  </xsd:restriction>
</xsd:simpleType>
```

4.3 RegionCode Element

The RegionCode element indicates the shipment transaction originated from which region.

```
<xsd:element name="RegionCode" type="dhl:RegionCode" minOccurs="0" />

<xsd:simpleType name="RegionCode">
  <xsd:annotation>
    <xsd:documentation>RegionCode</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="2" />
    <xsd:maxLength value="2" />
    <xsd:enumeration value="AP" />
    <xsd:enumeration value="EU" />
    <xsd:enumeration value="AM" />
  </xsd:restriction>
</xsd:simpleType>
```

4.4 Note Element

The Note element is a complex element which consists of two child elements “ActionNote” and “Condition” element. The Note element is returned by the backend service while processing the Shipment validation request. The element is a mandatory element.

```
<xsd:element name="Note" type="dhl:Note"/>

<xsd:complexType name="Note">
  <xsd:annotation>
    <xsd:documentation>Note/Warning</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="ActionNote" type="xsd:string" minOccurs="0" />
    <xsd:element name="Condition" type="Condition" minOccurs="0" maxOccurs="unbounded" />
  </xsd:sequence>
</xsd:complexType>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
ActionNote	xsd:string	O	Response for the Shipment validation request	
Condition	Note	O	Note for the Shipment validation Response	

4.4.1 Action Note

The Action note is returned by the backend service in response to the Shipment validation request.

```
<xsd:element name="ActionNote" type="xsd:string" minOccurs="0" />
```

4.4.2 Condition Note

The Condition note element is an optional field. It is a complex element which consists of ConditionCode

and ConditionData.

```
<xsd:element name="Condition" type="Condition" minOccurs="0" maxOccurs="unbounded" />

<xsd:complexType name="Condition"><xsd:sequence>
  <xsd:element name="ConditionCode" type="xsd:string"/>
  <xsd:element name="ConditionData" type="xsd:string" minOccurs="0"/></xsd:sequence>
</xsd:complexType>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
ConditionCode	xsd:string	M	Code for the condition	Please refer to the Reference Data (Error Messages)
ConditionData	xsd:string	O	Data for the condition	

4.4.2.1 ConditionCode

The condition code element contains the code for the condition. It is a mandatory field in the Condition segment.

```
<xsd:element name="ConditionCode" type="xsd:string"/>
```

4.4.2.2 ConditionData

The Condition Data element contains the data for the condition. It is an optional field in the Condition segment.

```
<xsd:element name="ConditionData" type="xsd:string" minOccurs="0"/>
```

4.5 AirwayBillNumber Element

The AirwayBillNumber element contains the DHL defines 10-digit waybill number. It is a mandatory field in the shipment validation response. If shipment validation request is successful, this is the actual waybill number assigned to the shipment.

```
<xsd:element name="AirwayBillNumber" type="dhl:AWBNumber"/>

<xsd:simpleType name="AWBNumber"><xsd:annotation>
  <xsd:documentation>Waybillnumber</xsd:documentation></xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="10"/>
  </xsd:restriction></xsd:simpleType>
```

4.6 DHLRoutingCode Element

The DHL ISO Routing Barcode in plain text format. It contains destination country, destination zip code, transport products and associated product features.

```
<xsd:element name="DHLRoutingCode" type="dhl:DHLRoutingCode" minOccurs="0" maxOccurs="1"/>
```

4.7 DHLRoutingDataId Element

The DHL Routing barcode contains the data Identifier. The available values are 2L, 403.

```
<xsd:element name="DHLRoutingDataId" type="dhl:DHLRoutingCode" minOccurs="0" maxOccurs="1"/>
```

4.8 BillingCode Element

The BillingCode element identifies how the shipment is billed. It is an optional field.

```
<xsd:element name="BillingCode" type="dhl:BillCode"/>
```

```
<xsd:simpleType name="BillCode">
  <xsd:annotation>
    <xsd:documentation>DHL billing options</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="2" />
    <xsd:maxLength value="3" />
    <xsd:enumeration value="DSA" />
    <xsd:enumeration value="DBA" />
    <xsd:enumeration value="TCA" />
    <xsd:enumeration value="IEA" />
    <xsd:enumeration value="UAN" />
  </xsd:restriction>
</xsd:simpleType>
```

4.9 CurrencyCode Element

The CurrencyCode element identifies the shipment is billed in which currency.

```
<xsd:element name="CurrencyCode" type="dhl:CurrencyCode" />

<xsd:simpleType name="CurrencyCode">
  <xsd:annotation>
    <xsd:documentation>ISO currency code</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="3" />
  </xsd:restriction>
</xsd:simpleType>
```

4.10 CourierMessage Element

The CourierMessage element contains the courier message. It is an optional field.

```
<xsd:element name="CourierMessage" type="dhl:CourierMsg" minOccurs="0"/>

<xsd:simpleType name="CourierMsg"> <xsd:annotation>
  <xsd:documentation>Courier message</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string"> <xsd:maxLength value="90"/>
</xsd:restriction> </xsd:simpleType>
```

4.11 DestinationServiceArea Element

The DestinationServiceArea element contains the information of the shipment's destination along with the facility code and the inbound sort code information.

```
<xsd:element name="DestinationServiceArea" type="dhl:DestinationServiceArea"/>

<xsd:complexType name="DestinationServiceArea">
  <xsd:sequence>
    <xsd:element name="ServiceAreaCode" type="ServiceAreaCode" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation>three letter service area code</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="Description" type="xsd:string" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation>Detailed description for the Area code such as city,
          state,country etc
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="FacilityCode" type="FacilityCode" minOccurs="0" maxOccurs="1">
      <xsd:annotation>
        <xsd:documentation>Destination Facility Code</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="InboundSortCode" type="InboundSortCode" minOccurs="0" maxOccurs="1">
      <xsd:annotation>
        <xsd:documentation>InBound Sort Code</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
ServiceAreaCode	dhl:ServiceAreaCode	O	Destination Service Area Code	
Description	xsd:string	O	Destination Service Area Description	
FacilityCode	dhl:FacilityCode	O	Destination Facility Code	
InboundSortCode	dhl:InboundSortCode	O	Inbound Sort Code	

4.11.1 ServiceAreaCode Element

The ServiceAreaCode element contains the service area code of the shipment's destination. It is an optional field.

```
<xsd:simpleType name="ServiceAreaCode"> <xsd:annotation>
  <xsd:documentation>DHL service area code</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="3"/>
  </xsd:restriction> </xsd:simpleType>
```

4.11.2 Description Element

The Description element contains the detailed description for the area of the shipment's destination. It is an optional field.

```
<xsd:element name="Description" type="xsd:string" minOccurs="0"> <xsd:annotation>
  <xsd:documentation>Detailed description for the Area code such as city, state,country etc</xsd:documentation>
</xsd:annotation> </xsd:element>
```

4.11.3 Facility Code

The Facility Code element contains the detailed description of the destination facility code.

```
<xsd:simpleType name="FacilityCode">
<xsd:annotation><xsd:documentation>Destination Facility Code</xsd:documentation></xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="3"/>
  </xsd:restriction>
</xsd:simpleType>
```

4.11.4 InboundSortCode

The InboundSortCode element contains the inbound sort code.

```
<xsd:simpleType name="InboundSortCode">
<xsd:annotation><xsd:documentation>InBound Sort Code</xsd:documentation></xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="1"/>
    <xsd:maxLength value="4"/>
  </xsd:restriction>
</xsd:simpleType>
```

4.12 OriginServiceArea Element

The OriginServiceArea element contains the information of the shipment's origin along with the outbound sort code info.

```
<xsd:complexType name="OriginServiceArea">
<xsd:sequence>
  <xsd:element name="ServiceAreaCode" type="ServiceAreaCode" minOccurs="0">
    <xsd:annotation>
      <xsd:documentation>three letter service area code</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="Description" type="xsd:string" minOccurs="0">
    <xsd:annotation>
      <xsd:documentation>Detailed description for the Area code such as city, state,country etc
    </xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="FacilityCode" type="FacilityCode" minOccurs="0" maxOccurs="1">
    <xsd:annotation>
      <xsd:documentation>Destination Facility Code</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="OutboundSortCode" type="OutboundSortCode" minOccurs="0" maxOccurs="1">
    <xsd:annotation>
      <xsd:documentation>OutBound Sort Code</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
</xsd:sequence>
</xsd:complexType>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
--------------	-----------------	-----	------------	--------------



ServiceAreaCode	dhl:ServiceAreaCode	O	Origin Service Area Code	
Description	xsd:string	O	Origin Service Area Description	
FacilityCode	dhl:FacilityCode	O	Origin Facility Code	
OutboundSortCode	dhl:OutboundSortCode	O	Outbound Sort Code	

4.12.1 ServiceAreaCode Element

The ServiceAreaCode element contains the service area code of the shipment's origin. It is an optional field.

```
<xsd:simpleType name="ServiceAreaCode">
  <xsd:annotation>
    <xsd:documentation>DHL service area code</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="3"/>
  </xsd:restriction> </xsd:simpleType>
```

4.12.2 Description Element

The Description element contains the detailed description for the area code of the shipment's origin. It is an optional field.

```
<xsd:element name="Description" type="xsd:string" minOccurs="0"> <xsd:annotation>
  <xsd:documentation>Detailed description for the Area code such as city, state,country etc</xsd:documentation>
</xsd:annotation> </xsd:element>
```

4.12.3 Facility Code

The Facility Code element contains the detailed description of the destination facility code.

```
<xsd:simpleType name="FacilityCode">
  <xsd:annotation><xsd:documentation>Destination Facility Code</xsd:documentation></xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="3"/>
  </xsd:restriction>
</xsd:simpleType>
```

4.12.4 Outbound SortCode

The Outbound Sort Code element contains the outbound sort code.

```
<xsd:simpleType name="OutboundSortCode">
  <xsd:annotation>
    <xsd:documentation>Outbound Sort Code</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="1"/>
    <xsd:maxLength value="4"/>
  </xsd:restriction>
</xsd:simpleType>
```


4.13 PackageCharge Element

The PackageCharge element contains the package charge of the shipment. It is an optional field.

```
<xsd:element name="PackageCharge" type="dhl:Money" minOccurs="0"/>

<xsd:simpleType name="Money">
  <xsd:annotation>
    <xsd:documentation>Monetary amount (with 2 decimal precision)</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:float">
    <xsd:minInclusive value="0.00" />
    <xsd:maxInclusive value="9999999999.99" />
  </xsd:restriction>
</xsd:simpleType>
```

4.14 Rated Element

The Rated element indicates whether shipment is rated or not. It is a mandatory field. Its value is either Y (Yes) or N (No). “N” indicates that no rates could be retrieved for the given search criteria. Value will be “N” for third party or receiver payment type. “N” value when shipper is payer indicates that rates could not be obtained because of system configuration or availability reasons.

```
<xsd:element name="Rated" type="dhl:YesNo"/>

<xsd:simpleType name="YesNo">
  <xsd:annotation>
    <xsd:documentation>Boolean flag</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1" />
    <xsd:enumeration value="Y" />
    <xsd:enumeration value="N" />
  </xsd:restriction>
</xsd:simpleType>
```

4.15 ShippingCharge Element

The ShipmentCharge element contains the shipment charge for the shipment. It is an optional field. This field will be filled if rated is ‘Y’.

```
<xsd:element name="ShippingCharge" type="dhl:Money" minOccurs="0"> <xsd:annotation>
  <xsd:documentation>This field will be filled if rated is 'y'</xsd:documentation> </xsd:annotation>
</xsd:element>

<xsd:simpleType name="Money">
  <xsd:annotation>
    <xsd:documentation>Monetary amount (with 2 decimal precision)</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:float">
    <xsd:minInclusive value="0.00" />
    <xsd:maxInclusive value="9999999999.99" />
  </xsd:restriction>
</xsd:simpleType>
```

```
</xsd:restriction>
</xsd:simpleType>
```

4.16 InsuredAmount Element

The InsuredAmount element is the insured money for the shipment. This element must be provided in request if Special Service of 'I' – Insurance is defined.

```
<xsd:element name="InsuredAmount" type="dhl:Money" minOccurs="0"/>

<xsd:simpleType name="Money">
  <xsd:annotation>
    <xsd:documentation>Monetary amount (with 2 decimal precision)</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:float">
    <xsd:minInclusive value="0.00" />
    <xsd:maxInclusive value="9999999999.99" />
  </xsd:restriction>
</xsd:simpleType>
```

4.17 WeightUnit Element

The WeightUnit element contains the unit by which the shipment weight is measured. It is a mandatory field.

```
<xsd:element name="WeightUnit">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:minLength value="0"/>
      <xsd:maxLength value="1"/>
    </xsd:restriction>
  </xsd:simpleType>
```

4.18 ChargeableWeight Element

The ChargeableWeight element contains the weight that is used to calculate shipment charge. This is an optional field.

```
<xsd:element name="ChargeableWeight" type="dhl:Weight" minOccurs="0"/>

<xsd:simpleType name="Weight">
  <xsd:annotation>
    <xsd:documentation>Weight of piece or shipment</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:decimal">
    <xsd:fractionDigits value="3" />
    <xsd:minInclusive value="0.000" />
    <xsd:maxInclusive value="999999.999" />
    <xsd:totalDigits value="10" />
  </xsd:restriction>
</xsd:simpleType>
```

4.19 DimensionalWeight Element

The DimensionalWeight element contains the dimensional weight of the shipment. It is an optional field.

```
<xsd:element name="DimensionalWeight" type="dhl:Weight" minOccurs="0"/>
<xsd:simpleType name="Weight">
  <xsd:annotation>
    <xsd:documentation>Weight of piece or shipment</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:decimal">
    <xsd:fractionDigits value="3" />
    <xsd:minInclusive value="0.000" />
    <xsd:maxInclusive value="999999.999" />
    <xsd:totalDigits value="10" />
  </xsd:restriction>
</xsd:simpleType>
```

4.20 ReadyByTime Element

The ReadyByTime element indicates the ready by time of the shipment.

```
<xsd:element name="ReadyByTime" type="dhl:TimeHM" minOccurs="0"/>
```

4.21 PickupCharge Element

The PickupCharge element indicates pick up charges of the shipment.

```
<xsd:element name="PickupCharge" type="dhl:Money" minOccurs="0"/>
```

4.22 CallInTime Element

The CallInTime indicates the Callin time of the shipment.

```
<xsd:element name="CallInTime" type="dhl:TimeHM" minOccurs="0"/>
```

4.23 DaysAdvanceNotice Element

The DaysAdvanceNotice element indicates the advance days notice required for the shipment.

```
<xsd:element name="DaysAdvanceNotice" type="dhl:AdvanceDaysNotice" minOccurs="0"/>
```

4.24 ConversionRate Element

The ConversionRate indicates the conversion rate of the shipment if any.

```
<xsd:element name="ConversionRate" type="dhl:Money" minOccurs="0"/>
```

4.25 CountryCode Element

Its value should be valid DHL country code. This element must be declared once in the response element. Please refer to the Reference Data (DHL Country) for country codes.

```
<xsd:element name="CountryCode" type="dhl:CountryCode"/>
```

```
<xsd:simpleType name="CountryCode"> <xsd:annotation>
  <xsd:documentation>ISO country codes</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string"> <xsd:length value="2"/>
</xsd:restriction> </xsd:simpleType>
```

4.26 Pieces Element

The Pieces element contains the License Plate information and barcode along with the piece details.

```
<xsd:element name="Pieces" type="dhl:ShipValResponsePieces" minOccurs="0" maxOccurs="1"/>

<xsd:complexType name="ShipValResponsePieces">
  <xsd:annotation>
    <xsd:documentation>Element encapsulating pieces information</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="Piece" type="ShipValResponsePiece" minOccurs="0" maxOccurs="99"/>
  </xsd:sequence>
</xsd:complexType>
```

4.26.1 ShipValResponsePiece Element

The ShipValResponsePiece element contains the piece details along with the License Plate details.

```
<xsd:complexType name="ShipValResponsePiece">
  <xsd:sequence>
    <xsd:element name="PieceNumber" type="PieceNumber" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="Depth" type="xsd:positiveInteger" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="Width" type="xsd:positiveInteger" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="Height" type="xsd:positiveInteger" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="Weight" type="Weight" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="PackageType" type="PackageType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="DimWeight" type="Weight" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="PieceContents" type="PieceContents" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="PieceReference" type="Reference" minOccurs="0" maxOccurs="99"/>
    <xsd:element name="DataIdentifier" type="xsd:string" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="LicensePlate" type="PieceID" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="LicensePlateBarCode" type="BarCode" minOccurs="1" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```



Element Name	Datatype/Format	Req	Definition	Valid Values
PieceNumber	PieceNumber	O	Contains the Piece Number	
Depth	xsd: positiveInteger	O	Depth of the piece	
Width	xsd: positiveInteger	O	Width of the piece	
Height	xsd: positiveInteger	O	Height of the piece	
Weight	Weight	O	Weight of the piece	
PackageType	PackageType	O	Package type of the piece	
DimWeight	Weight	O	Dimensional Weight of the piece	
PieceContents	PieceContents	O	Contents or description of the piece	
PieceReference	PieceReference	O	Piece level reference	
DataIdentifier	DataIdentifier	M	Contains the starting letter of the piece data Identifier	
LicensePlate	LicensePlate	M	The String representation of the License Plate Number.	
LicensePlateBarCode	LicensePlateBarCode	M	Barcode representing the License Plate information.	

4.27 Barcodes Element

The Barcodes element contains the Barcode images for construction of Waybill and DHL Routing barcode. It is a mandatory field.

```
<xsd:element name="Barcodes"> <xsd:complexType>
  <xsd:sequence>
    <xsd:element name="AWBBarcode" type="dhl:BarCode"/>
    <xsd:element name="OriginDestnBarcode" type="dhl:BarCode"/>
    <xsd:element name="ClientIDBarcode" type="dhl:BarCode"/>
    <xsd:element name="DHLRoutingBarcode" type="dhl:BarCode" minOccurs="0" maxOccurs="1"/>
  </xsd:sequence> </xsd:complexType>
</xsd:element>
```

4.28 Piece Element

The Piece element contains the number of pieces in shipment. It is a mandatory field.

```
<xsd:element name="Piece" type="xsd:positiveInteger">
  <xsd:annotation>
    <xsd:documentation>no of pieces contained in shipment</xsd:documentation> </xsd:annotation>
</xsd:element>
```

4.29 Contents Element

The contents element contains the shipment content description. It is a mandatory field.

```
<xsd:element name="Contents" type="xsd:string" />
```

4.30 Reference Element

This element identifies the reference information. It is an optional field.

```
<xsd:element name="Reference" type="dhl:Reference" minOccurs="0" maxOccurs="unbounded"/>

<xsd:complexType name="Reference">
  <xsd:sequence>
    <xsd:element name="ReferenceID" type="ReferenceID"/>
    <xsd:element name="ReferenceType" type="ReferenceType" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
ReferenceID	ReferenceID	M	Shipper reference ID	
ReferenceType	ReferenceType	O	Reference type	

4.30.1 ReferenceID Element

The ReferenceID element contains the shipper reference ID. It is a mandatory field.

```
<xsd:simpleType name="ReferenceID">
  <xsd:annotation><xsd:documentation>Shipper reference ID</xsd:documentation></xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35"/>
  </xsd:restriction>
</xsd:simpleType>
```

4.30.2 ReferenceType Element

The ReferenceType element contains the shipment reference type. It is an optional field.

```
<xsd:simpleType name="ReferenceType">
  <xsd:annotation><xsd:documentation>Shipment reference type</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="2"/>
    <xsd:maxLength value="3"/>
  </xsd:restriction>
</xsd:simpleType>
```

4.31 Consignee Element

Consignee element contains the details of the Consignee (Receiver). This element should be declared once in the shipment validation response message. It contains the following elements

```
<xsd:element name="Consignee" type="dhl:Consignee"/>

<xsd:complexType name="Consignee">
  <xsd:sequence>
    <xsd:element name="CompanyName" type="CompanyNameValidator" />
```



```

<xsd:element name="SuiteDepartmentName" type="SuiteDepartmentName" minOccurs="0" />
<xsd:element name="AddressLine" type="AddressLine" minOccurs="1" maxOccurs="3" />
<xsd:element name="City" type="City" minOccurs="0" />
<xsd:element name="Division" type="Division" minOccurs="0" />
<xsd:element name="DivisionCode" type="DivisionCode" minOccurs="0" />
<xsd:element name="PostalCode" type="PostalCode" minOccurs="0" />
<xsd:element name="CountryCode" type="CountryCode" />
<xsd:element name="CountryName" type="CountryName" />
<xsd:element name="FederalTaxId" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:minLength value="0" />
      <xsd:maxLength value="20" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="StateTaxId" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:minLength value="0"/></xsd:minLength>
      <xsd:maxLength value="20"/></xsd:maxLength>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="Contact" type="Contact" />
<xsd:element name="Suburb" type="Suburb" minOccurs="0"/>
</xsd:sequence>
</xsd:complexType>

```

Element Name	Datatype/Format	Req	Definition	Valid Values
CompanyName	CompanyNameValidator	M	Name of company/business	Min:2 Max:35
SuiteDepartmentName	SuiteDepartmentName	O	Suite or department name	Less than 35 characters
AddressLine	AddressLine	O	Address lines (Note: At least one address line must contain data)	Less than 35 characters
City	City	O	City Name	
Division	Division	O	Division name	
DivisionCode	DivisionCode	O	Division code	
PostalCode	PostalCode	O	Zip/Postal code.	
CountryCode	CountryCode	M	DHL Country code	Please refer to the Reference Data (DHL Country).
CountryName	CountryName	M	DHL Country name	Please refer to the Reference Data (DHL Country).
FederalTaxId	xsd:string	C	Federal Tax ID	
StateTaxID	xsd:string	C	State Tax ID	
Contact	Contact	M	Complex datatype – see the contact datatype table below	
Suburb	Suburb Name	O	Suburb name	Less than 35 characters

4.31.1 CompanyName Element

The CompanyName element contains the name of the company.

```
<xsd:element name="CompanyName" type="CompanyNameValidator" />

<xsd:simpleType name="CompanyNameValidator">
  <xsd:annotation>
    <xsd:documentation>Name of company / business</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="2" />
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```

4.31.2 SuiteDepartmentName Element

The SuiteDepartmentName element contains the suite or department name of the company.

```
<xsd:element name="SuiteDepartmentName" type="SuiteDepartmentName" minOccurs="0" />

<xsd:simpleType name="SuiteDepartmentName">
  <xsd:annotation>
    <xsd:documentation>SuiteDepartmentName</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```

4.31.3 AddressLine Element

The AddressLine element contains the address to the consignee (Receiver) place. There are two elements for address. The first element Address1 is mandatory.

```
<xsd:element name="AddressLine" type="AddressLine" minOccurs="1" maxOccurs="3" />

<xsd:simpleType name="AddressLine">
  <xsd:annotation>
    <xsd:documentation>Address Line</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" fixed="false" />
  </xsd:restriction>
</xsd:simpleType>
```

4.31.4 City Element

The City element contains the City of the consignee address. It must be declared in the Consignee element.

```
<xsd:element name="City" type="City" minOccurs="0" />

<xsd:simpleType name="City">
```



```
<xsd:annotation>
  <xsd:documentation>City name</xsd:documentation>
</xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```

4.31.5 Division Element

The Division element contains the division name of the consignee location.

```
<xsd:element name="Division" type="Division" minOccurs="0" />

<xsd:simpleType name="Division">
  <xsd:annotation>
    <xsd:documentation>Division (e.g. state, prefecture, etc.) name</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```

4.31.6 DivisionCode Element

The DivisionCode contains the division code of the consignee location.

```
<xsd:element name="Division" type="Division" minOccurs="0" />

<xsd:simpleType name="DivisionCode">
  <xsd:annotation>
    <xsd:documentation>Division (e.g. state, prefecture, etc.) code</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```

4.31.7 PostalCode Element

The Postal Code element contains the postal code of the consignee location.

```
<xsd:element name="PostalCode" type="PostalCode" minOccurs="0" />

<xsd:simpleType name="PostalCode">
  <xsd:annotation>
    <xsd:documentation>Full postal/zip code for address</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="12" />
  </xsd:restriction>
</xsd:simpleType>
```

4.31.8 CountryCode Element

The Country Code element contains the country code of the consignee location. It must be of 2 letters. Please refer to the Reference Data (DHL Country) for country codes.

```
<xsd:element name="CountryCode" type="CountryCode" />

<xsd:simpleType name="CountryCode">
  <xsd:annotation>
    <xsd:documentation>ISO country codes</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="2" />
  </xsd:restriction>
</xsd:simpleType>
```

4.31.9 CountryName Element

The CountryName element contains country name of the consignee. Its value should be valid DHL country name. This element must be declared once in the Consignee element. Please refer to the Reference Data (DHL Country) for country names.

```
<xsd:element name="CountryName" type="CountryName" />

<xsd:simpleType name="CountryName">
  <xsd:annotation>
    <xsd:documentation>ISO country name</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```

4.31.10 FederalTaxId Element

The FederalTaxId element contains federal tax id of the consignee.

```
<xsd:element name="FederalTaxId" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:minLength value="0" />
      <xsd:maxLength value="20" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

4.31.11 StateTaxID Element

The StateTaxID element contains state tax id of the consignee.

```
<xsd:element name="StateTaxId" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:minLength value="0"></xsd:minLength>
      <xsd:maxLength value="20"></xsd:maxLength>
    </xsd:restriction>
  </xsd:simpleType>
```



4.31.12 Contact Element

The Contact element contains the information about the contact at the consignee location. It must be declared in the consignee element. The element contains follows elements.

```
<xsd:element name="Contact" type="Contact" />

<xsd:complexType name="Contact">
  <xsd:sequence>
    <xsd:element name="PersonName" type="PersonName" />
    <xsd:element name="PhoneNumber" type="PhoneNumber" />
    <xsd:element name="PhoneExtension" type="PhoneExtension" minOccurs="0" />
    <xsd:element name="FaxNumber" type="PhoneNumber" minOccurs="0" />
    <xsd:element name="Telex" type="Telex" minOccurs="0" />
    <xsd:element name="Email" type="EmailAddress" minOccurs="0" />
    <xsd:element name="MobilePhoneNumber" type="MobilePhoneNumber" minOccurs="0" />
  </xsd:sequence>
</xsd:complexType>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
PersonName	PersonName	M	Name	Min:2 Max:35
PhoneNumber	PhoneNumber	M	Telephone number	Less than 25 characters
PhoneExtension	PhoneExtension	O	Telephone extension no.	Less than 5 characters
FaxNumber	PhoneNumber	O	Fax number	Less than 25 characters
Telex	Telex	O	Telex number and answer back code	Less than 25 characters
Email	EmailAddress	O	Email address	Less than 50 characters
MobilePhoneNumber	MobilePhoneNumber	O	MobilePhoneNumber	Less than 25 characters

4.30.12.1 PersonName Element

The PersonName element contains the name of the person at Receiver place. It is a mandatory element in the consignee's Contact element. It is of type String with maximum length 35.

```
<xsd:element name="PersonName" type="PersonName" />
<xsd:element name="PersonName"> <xsd:annotation>
  <xsd:documentation>Contact Person Name</xsd:documentation> </xsd:annotation>
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="35"/>
      <xsd:minLength value="2"/>
    </xsd:restriction> </xsd:simpleType>
  </xsd:element>
```

4.30.12.2 PhoneNumber Element

The PhoneNumber element contains the phone number of the person at Receiver place. It is a mandatory element in the consignee's Contact Element.

```
<xsd:element name="PhoneNumber" type="PhoneNumber" />

<xsd:simpleType name="PhoneNumber">
  <xsd:annotation>
    <xsd:documentation>Phone Number</xsd:documentation>
```

```
</xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="25" />
  </xsd:restriction>
</xsd:simpleType>
```

4.30.12.3 PhoneExtension Element

The PhoneExtension element is the extension number of the consignee. It is an optional element in the consignee's contact Element. The value must be maximum 5 digit long.

```
<xsd:element name="PhoneExtension" type="PhoneExtension" minOccurs="0" />

<xsd:simpleType name="PhoneExtension">
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="5" />
  </xsd:restriction>
</xsd:simpleType>
```

4.30.12.4 FaxNumber Element

This element contains the fax number of the consignee. It is an optional element in the consignee contact Element.

```
<xsd:element name="FaxNumber" type="PhoneNumber" minOccurs="0" />

<xsd:simpleType name="PhoneNumber">
  <xsd:annotation>
    <xsd:documentation>Phone Number</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="25" />
  </xsd:restriction>
</xsd:simpleType>
```

4.30.12.5 Telex Element

This element contains telex number and answer back code.

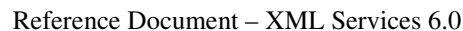
```
<xsd:element name="Telex" type="Telex" minOccurs="0" />

<xsd:simpleType name="Telex">
  <xsd:annotation>
    <xsd:documentation>Telex number and answer back code</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="25" />
  </xsd:restriction>
</xsd:simpleType>
```

4.30.12.6 Email Element

This element contains the Email address for the consignee.

```
<xsd:element name="Email" type="EmailAddress" minOccurs="0" />
```



4.30.12.7 MobilePhoneNumber Element

4.31.13 Suburb Element

4.32 Shipper Element

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```
<xsd:element name="OriginFacilityCode" type="OriginFacilityCode" minOccurs="0" />
<xsd:element name="CountryCode" type="CountryCode" />
<xsd:element name="CountryName" type="CountryName" />
<xsd:element name="FederalTaxId" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:minLength value="0" />
      <xsd:maxLength value="20" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="StateTaxId" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:minLength value="0"></xsd:minLength>
      <xsd:maxLength value="20"></xsd:maxLength>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="Contact" type="Contact" />
<xsd:element name="Suburb" type="Suburb" minOccurs="0"/>
</xsd:sequence>
</xsd:complexType>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
ShipperID	ShipperID	M	Shipper shipment identifier	Less than 35 characters
CompanyName	CompanyNameValidator	M	Name of company/business	Min:2 Max:35
SuiteDepartmentName	SuiteDepartmentName	O	Suite or department name	Less than 35 characters
AddressLine	AddressLine	M	Address lines (Note: At least one address line must contain data)	
City	City	O	City name	
Division	Division	O	Division name	
DivisionCode	DivisionCode	O	Division/State/Prefecture/Province code	
PostalCode	PostalCode	O	Zip/Postal code	Please refer to the Reference Data (Countries with No PostalCode).
OriginServiceAreaCode	OriginServiceAreaCode	C	Origin Service Area Code Note: This field is required for supporting documents image of PLT shipment re-upload option.	
OriginFacilityCode	OriginFacilityCode	C	Origin Facility Code Note: This field is required for supporting document image of PLT shipment re-upload option.	
CountryCode	CountryCode	M	DHL country code	Please refer to the Reference Data (DHL Country).
CountryName	CountryName	M	DHL country name	Please refer to the Reference Data (DHL Country).
FederalTaxId	xsd:string	C	Federal Tax ID	
StateTaxID	xsd:string	C	State Tax ID	
Contact	Contact	M	Complex datatype - see below	
Suburb	Suburb	O	Suburb Name	Less than 35 characters

4.32.1 ShipperId Element

The ShipperId element contains the shipper shipment identifier .This element must be declared once in the Shipper element.

```
<xsd:element name="ShipperID" type="ShipperID">
  <xsd:annotation>
    <xsd:documentation>Shipper's Account Number</xsd:documentation>
  </xsd:annotation>
</xsd:element>

<xsd:simpleType name="ShipperID">
  <xsd:annotation>
    <xsd:documentation>Shipper's ID</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="30" />
  </xsd:restriction>
</xsd:simpleType>
```

4.32.2 CompanyName Element

The CompanyName element contains the name of the company.

```
<xsd:element name="CompanyName" type="CompanyNameValidator" />

<xsd:simpleType name="CompanyNameValidator">
  <xsd:annotation>
    <xsd:documentation>Name of company / business</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="2" />
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```

4.32.3 SuiteDepartmentName Element

The SuiteDepartmentName element contains the suite or department name of the company.

```
<xsd:element name="SuiteDepartmentName" type="SuiteDepartmentName" minOccurs="0" />

<xsd:simpleType name="SuiteDepartmentName">
  <xsd:annotation>
    <xsd:documentation>SuiteDepartmentName</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```

4.32.4 RegisteredAccount Element

The RegisteredAccount element contains the registered account number of the company.

```
<xsd:element name="RegisteredAccount" type="AccountNumber" minOccurs="0" />

<xsd:simpleType name="AccountNumber">
  <xsd:annotation>
    <xsd:documentation>DHL Account Number</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="12" />
  </xsd:restriction>
</xsd:simpleType>
```

4.32.5 AddressLine Element

The AddressLine element contains the address to the pickup place. There are two elements for address. The first element Address1 is mandatory.

```
<xsd:element name="AddressLine" type="AddressLine" minOccurs="1" maxOccurs="3" />

<xsd:simpleType name="AddressLine">
  <xsd:annotation>
    <xsd:documentation>Address Line</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" fixed="false" />
  </xsd:restriction>
</xsd:simpleType>
```

4.32.6 City Element

The City element contains the City of the pickup address.

```
<xsd:element name="City" type="City" minOccurs="0" />

<xsd:simpleType name="City">
  <xsd:annotation>
    <xsd:documentation>City name</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```

4.32.7 Division Element

The Division element contains the division name of the pickup place.

```
<xsd:element name="Division" type="Division" minOccurs="0" />

<xsd:simpleType name="Division">
  <xsd:annotation>
    <xsd:documentation>Division (e.g. state, prefecture, etc.) name</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```



```
</xsd:simpleType>
```

4.32.8 DivisionCode Element

The DivisionCode element contains the state code of the pickup place.

```
<xsd:element name="DivisionCode" type="DivisionCode" minOccurs="0" />

<xsd:simpleType name="DivisionCode">
  <xsd:annotation>
    <xsd:documentation>Division (e.g. state, prefecture, etc.) code</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```

4.32.9 PostalCode Element

The PostalCode element contains the postal code of the pickup place.

```
<xsd:element name="PostalCode" type="PostalCode" minOccurs="0" />

<xsd:simpleType name="PostalCode">
  <xsd:annotation>
    <xsd:documentation>Full postal/zip code for address</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="12" />
  </xsd:restriction>
</xsd:simpleType>
```

4.32.10 OriginServiceAreaCode Element

The OriginServiceAreaCode element contains the service area code of the pickup place. It is required for supporting documents image of PLT shipment re-upload option.

```
<xsd:element name="OriginServiceAreaCode" type="OriginServiceAreaCode" minOccurs="0" />

<xsd:simpleType name="OriginServiceAreaCode">
  <xsd:annotation>
    <xsd:documentation>OriginServiceAreaCode</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="3" />
  </xsd:restriction>
</xsd:simpleType>
```

4.32.11 OriginFacilityCode Element

The OriginFacilityCode element contains the facility area code of the pickup place. It is required for supporting documents image of PLT shipment re-upload option.

```
<xsd:element name="OriginFacilityCode" type="OriginFacilityCode" minOccurs="0" />

<xsd:simpleType name="OriginFacilityCode">
  <xsd:annotation>
    <xsd:documentation>OriginFacilityCode</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="3" />
  </xsd:restriction>
</xsd:simpleType>
```

4.32.12 CountryCode Element

The Country Code element contains the country code of the pickup place. It must be of 2 letters. Please refer to the Reference Data (DHL Country) for country codes.

```
<xsd:element name="CountryCode" type="CountryCode" />

<xsd:simpleType name="CountryCode">
  <xsd:annotation>
    <xsd:documentation>ISO country codes</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="2" />
  </xsd:restriction>
</xsd:simpleType>
```

4.32.13 CountryName Element

The CountryName element contains country name of the shipper. Its value should be valid DHL country name. This element must be declared once in the Shipper element. Please refer to the Reference Data (DHL Country) for country names.

```
<xsd:element name="CountryName" type="CountryName" />

<xsd:simpleType name="CountryName">
  <xsd:annotation>
    <xsd:documentation>ISO country name</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```

4.32.14 FederalTaxId Element

The FederalTaxId element contains the federal tax ID of the shipper.

```
<xsd:element name="FederalTaxId" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:minLength value="0" />
      <xsd:maxLength value="20" />
    </xsd:restriction>
  </xsd:simpleType>
```

```
</xsd:element>
```

4.32.15 StateTaxID Element

The StateTaxID element contains the state tax id of the shipper.

```
<xsd:simpleType>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="0"/></xsd:minLength>
    <xsd:maxLength value="20"/></xsd:maxLength>
  </xsd:restriction>
</xsd:simpleType>
</xsd:element>
```

4.32.16 Contact Element

The Contact element contains the information about the contact at the shipper's location. It must be declared in the shipper element. The element contains follows elements.

```
<xsd:element name="Contact" type="Contact" />

<xsd:complexType name="Contact">
<xsd:sequence>
  <xsd:element name="PersonName" type="PersonName" />
  <xsd:element name="PhoneNumber" type="PhoneNumber" />
  <xsd:element name="PhoneExtension" type="PhoneExtension" minOccurs="0" />
  <xsd:element name="FaxNumber" type="PhoneNumber" minOccurs="0" />
  <xsd:element name="Telex" type="Telex" minOccurs="0" />
  <xsd:element name="Email" type="EmailAddress" minOccurs="0" />
  <xsd:element name="MobilePhoneNumber" type="MobilePhoneNumber" minOccurs="0" />
</xsd:sequence>
</xsd:complexType>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
PersonName	PersonName	M	Name	Min:2 Max:35
PhoneNumber	PhoneNumber	M	Telephone number	Less than 25 characters
PhoneExtension	PhoneExtension	O	Telephone extension no.	Less than 5 characters
FaxNumber	PhoneNumber	O	Fax number	Less than 25 characters
Telex	Telex	O	Telex number and answer back code	Less than 25 characters
Email	EmailAddress	O	Email address	Less than 50 characters
MobilePhoneNumber	MobilePhoneNumber	O	MobilePhoneNumber	Less than 25 characters

4.32.16.1 PersonName Element

The PersonName element contains the name of the person at shipper place. It is a mandatory element in the shipper's Contact element. It is of type String with maximum length 35.

```
<xsd:element name="PersonName" type="PersonName" />
<xsd:element name="PersonName">
  <xsd:annotation>
    <xsd:documentation>Contact Person Name</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="35"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```



```

<xsd:minLength value="2"/>
</xsd:restriction> </xsd:simpleType>
</xsd:element>

```

4.32.16.2 PhoneNumber Element

The PhoneNumber element contains the phone number of the person at shipper place. It is a mandatory element in the shipper's Contact Element.

```

<xsd:element name="PhoneNumber" type="PhoneNumber" />

<xsd:simpleType name="PhoneNumber">
<xsd:annotation>
  <xsd:documentation>Phone Number</xsd:documentation>
</xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="25" />
  </xsd:restriction>
</xsd:simpleType>

```

4.32.16.3 PhoneExtension Element

The PhoneExtension element is the extension number of the shipper. It is an optional element in the shipper's contact Element. The value must be maximum 5 digit long.

```

<xsd:element name="PhoneExtension" type="PhoneExtension" minOccurs="0" />

<xsd:simpleType name="PhoneExtension">
<xsd:restriction base="xsd:string">
  <xsd:maxLength value="5" />
</xsd:restriction>
</xsd:simpleType>

```

4.32.16.4 FaxNumber Element

This element contains the fax number of the shipper. It is an optional element in the shipper contact Element.

```

<xsd:element name="FaxNumber" type="PhoneNumber" minOccurs="0" />

<xsd:simpleType name="PhoneNumber">
<xsd:annotation>
  <xsd:documentation>Phone Number</xsd:documentation>
</xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="25" />
  </xsd:restriction>
</xsd:simpleType>

```

4.32.16.5 Telex Element

This element contains telex number and answer back code.

```

<xsd:element name="Telex" type="Telex" minOccurs="0" />

```

4.32.16.6 Email Element

4.32.16.7 MobilePhoneNumber Element

4.32.17 Suburb Element

4.33 AccountNumber Element

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```
<xsd:element name="AccountNumber" type="dhl:AccountNumber" minOccurs="0"/>

<xsd:simpleType name="AccountNumber">
  <xsd:annotation>
    <xsd:documentation>DHL Account Number</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="12" />
  </xsd:restriction>
</xsd:simpleType>
```

4.34 CustomerID Element

This element contains the Customer ID.

```
<xsd:element name="CustomerID" type="xsd:string"/>
```

4.35 ShipmentDate Element

This element contains the date of the shipment. It is a mandatory field.

```
<xsd:element name="ShipmentDate" type="dhl:Date"/>
```

4.36 GlobalProductCode Element

The GlobalProductCode element contains the DHL Global product code for the shipment.

```
<xsd:element name="GlobalProductCode" type="dhl:GlobalProductCode" />

<xsd:simpleType name="GlobalProductCode">
  <xsd:restriction base="xsd:string">
    <xsd:pattern value="([A-Z0-9])*" />
    <xsd:minLength value="1" />
    <xsd:maxLength value="4" />
  </xsd:restriction>
</xsd:simpleType>
```

4.37 ProductContentCode Element

The Product content code indicates the DHL's internal code of the product.

```
<xsd:element name="ProductContentCode" type="xsd:string" minOccurs="0" maxOccurs="1"/>
```

4.38 ProductShortName Element

The product short name indicates the type of the product name which the underlying transport service has been sold to the customer.

```
<xsd:element name="ProductShortName" type="xsd:string" minOccurs="0" maxOccurs="1"/>
```

4.39 InternalServiceCode Element

The internal service code contains the DHL's product handling relevant services or features.

```
<xsd:element name="InternalServiceCode" type="dhl:InternalServiceCode" minOccurs="0" maxOccurs="unbounded"/>

<xsd:simpleType name="InternalServiceCode">
  <xsd:annotation>
    <xsd:documentation>Handling feature code returned by GLS</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
  </xsd:restriction>
</xsd:simpleType>
```

4.40 DeliveryDateCode

The delivery date code contains the date of delivery of the shipment

```
<xsd:element name="DeliveryDateCode" type="xsd:string" minOccurs="0" maxOccurs="1"/>
```

4.41 DeliveryTimeCode

The delivery time code contains the time of delivery of the shipment.

```
<xsd:element name="DeliveryTimeCode" type="xsd:string" minOccurs="0" maxOccurs="1"/>

</xsd:sequence> </xsd:complexType>
```

4.42 SpecialService Element

The SpecialService Element provides various special services for shipment. It is an optional field.

```
<xsd:element name="SpecialService" type="dhl:SpecialService" minOccurs="0" maxOccurs="5"/>

<xsd:complexType name="SpecialService">
  <xsd:sequence>
    <xsd:element name="SpecialServiceType" type="SpecialServiceType" minOccurs="0"/>
    <xsd:element name="CommunicationAddress" type="CommunicationAddress" minOccurs="0"/>
    <xsd:element name="CommunicationType" type="CommunicationType" minOccurs="0"/>
    <xsd:element name="ChargeValue" type="Money" minOccurs="0"/>
    <xsd:element name="CurrencyCode" type="CurrencyCode" minOccurs="0"/>
    <xsd:element name="IsWaived" type="YesNo" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
SpecialServiceType	dhl:SpecialServiceType	O	Special service codes	Please refer to the Reference Data (Special Service Code)
CommunicationAddress	dhl:CommunicationAddress	O	Communication line number:Phone number, fax number (Used only if SpecialServiceType = “S”)	Less than 50 characters
CommunicationType	dhl:CommunicationType	O	Communication line type (Used only if SpecialServiceType = “S”)	P (Phone) F (Fax)
ChargeValue	dhl:Money	O	Charge value	
CurrencyCode	dhl:CurrencyCode	O	Currency code	Not more than 3 characters. Please refer to the Reference Data (DHL Country).
IsWaived	dhl:YesNo	O	Indicate whether the service waived for charges	Y (Yes) N (No)

4.42.1 SpecialServiceType Element

The SpecialServiceType element contains the code for special services provided for shipment. It is a mandatory field of the SpecialService segment. Please refer to the Reference Data and use appropriate Service codes enabled for the country

```
<xsd:element name="SpecialServiceType" type="SpecialServiceType" minOccurs="0"/>

<xsd:simpleType name="SpecialServiceType">
  <xsd:annotation>
    <xsd:documentation>Special Service codes </xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="3" />
  </xsd:restriction>
</xsd:simpleType>
```

4.42.2 CommunicationAddress Element

The CommunicationAddress element contains the communication line number :fax number or phone number. It is an optional element in the SpecialService Element. It is used if SpecialServiceType is “S”.

```
<xsd:element name="CommunicationAddress" type="CommunicationAddress" minOccurs="0"/>

<xsd:simpleType name="CommunicationAddress">
  <xsd:annotation>
    <xsd:documentation>Communications line number: phone number, fax number</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="50" />
  </xsd:restriction>
</xsd:simpleType>
```

4.42.3 CommunicationType Element

The CommunicationType element contains the communication line type :fax or phone. It is an optional

element in the SpecialService Element. It is used if SpecialServiceType is “S”.

```
<xsd:element name="CommunicationType" type="CommunicationType" minOccurs="0"/>

<xsd:simpleType name="CommunicationType">
  <xsd:annotation>
    <xsd:documentation>Communications line type (P: phone, F: fax)</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1" />
    <xsd:enumeration value="P" />
    <xsd:enumeration value="F" />
  </xsd:restriction>
</xsd:simpleType>
```

4.42.4 ChargeValue Element

The ChargeValue element contains the chargeable amount for the special service. It is an optional element in the SpecialService Element.

```
<xsd:element name="ChargeValue" type="Money" minOccurs="0"/>

<xsd:simpleType name="Money">
  <xsd:annotation>
    <xsd:documentation>Monetary amount (with 2 decimal precision)</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:float">
    <xsd:minInclusive value="0.00" />
    <xsd:maxInclusive value="999999999.99" />
  </xsd:restriction>
</xsd:simpleType>
```

4.42.5 CurrencyCode Element

The CurrencyCode element identifies how the shipment is billed.

```
<xsd:element name="CurrencyCode" type="CurrencyCode" minOccurs="0"/>

<xsd:simpleType name="CurrencyCode">
  <xsd:annotation>
    <xsd:documentation>ISO currency code</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="3" />
  </xsd:restriction>
</xsd:simpleType>
```

4.42.6 IsWaved Element

This element tell whether special service is waved or not. It is an optional element in the special service segment. The value is either Y (Yes) or N (No).

```
<xsd:element name="IsWaived" type="YesNo" minOccurs="0"/>

<xsd:simpleType name="YesNo">
  <xsd:annotation>
```

```

        <xsd:documentation>Boolean flag</xsd:documentation>
    </xsd:annotation>
    <xsd:restriction base="xsd:string">
        <xsd:length value="1" />
        <xsd:enumeration value="Y" />
        <xsd:enumeration value="N" />
    </xsd:restriction>
</xsd:simpleType>

```

4.43 Billing Element

The Billing element contains the billing information of the shipment. It contains following elements.

```

<xsd:element name="Billing" type="dhl:Billing" minOccurs="0"/>

<xsd:complexType name="Billing">
<xsd:sequence>
    <xsd:element name="ShipperAccountNumber" type="AccountNumber" />
    <xsd:element name="ShippingPaymentType" type="ShipmentPaymentType" />
    <xsd:element name="BillingAccountNumber" type="AccountNumber" minOccurs="0" />
    <xsd:element name="DutyPaymentType" type="DutyTaxPaymentType" minOccurs="0" />
    <xsd:element name="DutyAccountNumber" type="AccountNumber" minOccurs="0" />
</xsd:sequence>
</xsd:complexType>

```

Element Name	Datatype/Format	Req	DHL Account Number	Valid Values
ShippingAccountNumber	dhl:AccountNumber	M	DHL Account Number	
ShippingPaymentType	dhl:ShipmentPaymentType	M	Method of Payment	S (Shipper) R (Recipient) T (Third Party/Other)
BillingAccountNumber	dhl:AccountNumber	C	Shipment bill to account. Required if ShippingPaymentType is other than 'S'	
DutyPaymentType	dhl:DutyTaxPaymentType	C	Duty and tax charge payment type It is required for non-doc or dutiable products. Please refer to Reference Data (Global Product Codes).	S (Shipper) R (Recipient) T (Third Party)
DutyAccountNumber	dhl:AccountNumber	C	Duty Billing account number. Required if the DutyPaymentType is 'T'	

4.43.1 ShippingAccountNumber Element

The ShippingAccountNumber element contains the DHL account number. This element must be declared once in the Billing element.

```

<xsd:element name="ShipperAccountNumber" type="AccountNumber" />

<xsd:simpleType name="AccountNumber">
<xsd:annotation>
    <xsd:documentation>DHL Account Number</xsd:documentation>
</xsd:annotation>
    <xsd:restriction base="xsd:string">
        <xsd:maxLength value="12" />
    </xsd:restriction>
</xsd:simpleType>

```

4.43.2 ShippingPaymentType Element

The ShippingPaymentType element defines the method of payment. It is a mandatory field. The valid values are S:Shipper, R:Recipient and T:Third Party.

```
<xsd:element name="ShippingPaymentType" type="ShipmentPaymentType" />

<xsd:simpleType name="ShipmentPaymentType">
  <xsd:annotation>
    <xsd:documentation>Shipment payment type</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1" />
    <xsd:enumeration value="S" />
    <xsd:enumeration value="R" />
    <xsd:enumeration value="T" />
  </xsd:restriction>
</xsd:simpleType>
```

4.43.3 BillingAccountNumber Element

The BillingAccountNumber element contains billing account number. This element is required even if the payment method is third party or consignee.

```
<xsd:element name="BillingAccountNumber" type="AccountNumber" minOccurs="0" />

<xsd:simpleType name="AccountNumber">
  <xsd:annotation>
    <xsd:documentation>DHL Account Number</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="12" />
  </xsd:restriction>
</xsd:simpleType>
```

4.43.4 DutyPaymentType Element

The DutyPaymentType element contains the method of duty and tax payment. It is required for non-doc or dutiable products. Please refer to Reference Data (Global Product Codes). The valid values are S:Shipper, R:Recipient, T:Third Party.

```
<xsd:element name="DutyPaymentType" type="DutyTaxPaymentType" minOccurs="0" />

<xsd:simpleType name="DutyTaxPaymentType">
  <xsd:annotation>
    <xsd:documentation>Duty and tax charge payment type</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1" />
    <xsd:enumeration value="S" />
    <xsd:enumeration value="R" />
    <xsd:enumeration value="T" />
  </xsd:restriction>
</xsd:simpleType>
```

4.43.5 DutyAccountNumber Element

The DutyAccountNumber element contains the duty billing account number which is used in duty and tax payment.

```
<xsd:element name="DutyAccountNumber" type="AccountNumber" minOccurs="0" />

<xsd:simpleType name="AccountNumber">
  <xsd:annotation>
    <xsd:documentation>DHL Account Number</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="12" />
  </xsd:restriction>
</xsd:simpleType>
```

4.44 Dutiable Element

For non-domestic shipments, The Dutiable element provides informations which defines the types of duties to be levied.

```
<xsd:element name="Dutiable" type="dhl:Dutiable" minOccurs="0" />

<xsd:complexType name="Dutiable">
  <xsd:sequence>
    <xsd:element name="DeclaredValue" type="DeclaredValue" minOccurs="0" />
    <xsd:element name="DeclaredCurrency" type="CurrencyCode" />
    <xsd:element name="ScheduleB" type="ScheduleB" minOccurs="0" />
    <xsd:element name="ExportLicense" type="ExportLicense" minOccurs="0" />
    <xsd:element name="ShipperEIN" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="20" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="ShipperIDType" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:enumeration value="S" />
          <xsd:enumeration value="E" />
          <xsd:enumeration value="D" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="ConsigneeIDType" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:length value="1"/></xsd:length>
          <xsd:enumeration value="S" />
          <xsd:enumeration value="E" />
          <xsd:enumeration value="D" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="ImportLicense" type="ImportLicense" minOccurs="0" />
    <xsd:element name="ConsigneeEIN" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="20" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```



```

        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="TermsOfTrade" type="TermsOfTrade" minOccurs="0" />
<xsd:element name="CommerceLicensed" type="YesNo" minOccurs="0" />
<xsd:element name="Filing" type="Filing" minOccurs="0" />
</xsd:sequence>
</xsd:complexType>

```

Element Name	Datatype/Format	Req	Definition	Valid Values
DeclaredValue	DeclaredValue	C	Declared value - with 2 decimal places. It is required for non-doc or dutiable products. Please refer to Reference Data (Global Product Codes). Declared value must be more than zero ("0.00").	
DeclaredCurrency	CurrencyCode	M	DHL currency code (Required if declared value is given.)	Please refer to the Reference Data (DHL Country).
ScheduleB	ScheduleB	O	Schedule B info	
ExportLicense	ExportLicense	O	Export License info	
ShipperEIN	xsd:string	O	Shipper's employee identification number (SSN, EIN)	
ShipperIDType	xsd:string	O	Indicates the type of Shipper ID	S (SSN) E (EIN) D (DUNS)
ConsigneeIDType	xsd:string	O	Indicates the type of Consignee ID	S (SSN) E (EIN) D (DUNS)
ImportLicense	ImportLicense	O	Consignee import license	
ConsigneeEIN	xsd:string	O	Consignee's tax ID or VAT number	
TermsOfTrade	TermsOfTrade	C	Terms of trade	CFR CIF CIP CPT DAF DAP DAT DDP DDU DEQ DES DVU EXW FAS FCA FOB
CommerceLicensed	YesNo	O	Indicates shipment is a Commerce licensed shipment	
Filing	Filing	O	Filing information required for dutiable shipment	

4.44.1 DeclaredValue Element

The DeclaredValue element contains the money value which has to be paid for the shipment. It is required for non-doc or dutiable products. Please refer to Reference Data (Global Product Codes).

```
<xsd:element name="DeclaredValue" type="DeclaredValue" minOccurs="0" />

<xsd:simpleType name="DeclaredValue">
  <xsd:annotation>
    <xsd:documentation>DeclaredValue</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:float">
    <xsd:minInclusive value="0.0" />
    <xsd:maxInclusive value="9999999999.99" />
  </xsd:restriction>
</xsd:simpleType>
```

4.44.2 DeclaredCurrency Element

The DeclaredCurrency element contains the DHL currency code in which declared value should be levied. This field is required if declared value is given. Please refer to the Reference Data (DHL Country) for Currency Code.

```
<xsd:element name="DeclaredCurrency" type="CurrencyCode" />

<xsd:simpleType name="CurrencyCode">
  <xsd:annotation><xsd:documentation>ISO currency code</xsd:documentation></xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="3"/>
  </xsd:restriction>
</xsd:simpleType>
```

4.44.3 ScheduleB Element

The ScheduleB element contains the Schedule B info.

```
<xsd:element name="ScheduleB" type="ScheduleB" minOccurs="0" />

<xsd:simpleType name="ScheduleB">
  <xsd:annotation><xsd:documentation>Schedule B numner</xsd:documentation></xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="15"/>
  </xsd:restriction>
</xsd:simpleType>
```

4.44.4 ExportLicense Element

The ExportLicense element contains the Export License info.

```
<xsd:element name="ExportLicense" type="ExportLicense" minOccurs="0" />

<xsd:simpleType name="ExportLicense">
  <xsd:annotation>
    <xsd:documentation>ExportLicense</xsd:documentation>
  </xsd:annotation>
</xsd:simpleType>
```

```
</xsd:annotation>
<xsd:restriction base="xsd:string">
  <xsd:maxLength value="16"/>
</xsd:restriction>
</xsd:simpleType>
```

4.44.5 ShipperEIN Element

The ShipperEIN element contains the shipper's employ identification number or Shipper's VAT/GST number. Its value should not be more than 20 chars. It is an optional field in the Dutiable segment.

```
<xsd:element name="ShipperEIN" minOccurs="0">
<xsd:simpleType>
  <xsd:restriction base="xsd:string">
    </xsd:maxLength value="20"/>
  </xsd:restriction>
</xsd:simpleType>
</xsd:element>
```

4.44.6 ShipperIDType Element

The ShipperIDType element indicates the type of the shipper ID. It is an optional field in the Dutiable segment.

```
<xsd:element name="ShipperIDType" minOccurs="0">
<xsd:simpleType>
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="S"/>
    <xsd:enumeration value="E"/>
    <xsd:enumeration value="D"/>
  </xsd:restriction>
</xsd:simpleType>
</xsd:element>
```

4.44.7 ConsigneeIDType Element

The ConsigneeIDType element indicates the type of the consignee ID. It is an optional field in the Dutiable segment.

```
<xsd:element name="ConsigneeIDType" minOccurs="0">
<xsd:simpleType>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1"/></xsd:length>
    <xsd:enumeration value="S" />
    <xsd:enumeration value="E" />
    <xsd:enumeration value="D" />
  </xsd:restriction>
</xsd:simpleType>
</xsd:element>
```

4.44.8 ImportLicense Element

The ImportLicense element contains the consignee import license number. It is an optional field in the

Dutiable segment.

```
<xsd:element name="ImportLicense" type="ImportLicense" minOccurs="0" />

<xsd:simpleType name="ImportLicense">
  <xsd:annotation>
    <xsd:documentation>"ImportLicense"</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="16"/>
  </xsd:restriction>
</xsd:simpleType>
```

4.44.9 ConsigneeEIN Element

The ConsigneeEIN element contains the Consignee's tax ID, VAT or GST number. Its value should not be more than 20 chars. It is an optional field in the Dutiable segment.

```
<xsd:element name="ConsigneeEIN" minOccurs="0">
  <xsd:simpleType>
    <xsd:annotation>
      <xsd:documentation>Consignee's tax ID or VAT number.</xsd:documentation>
    </xsd:annotation>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="20"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

4.44.10 TermsOfTrade Element

The TermsOfTrade element contains the codes for terms of trade of the shipment. Please refer to the Reference Data and only use the codes defined. It is required for dutiable shipment.

```
<xsd:element name="TermsOfTrade" type="TermsOfTrade" minOccurs="0" />

<xsd:simpleType name="TermsOfTrade">
  <xsd:annotation>
    <xsd:documentation>"TermsOfTrade"</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="3"/>
    <xsd:enumeration value="CFR"/>
    <xsd:enumeration value="CIF"/>
    <xsd:enumeration value="CIP"/>
    <xsd:enumeration value="CPT"/>
    <xsd:enumeration value="DAF"/>
    <xsd:enumeration value="DAP"/>
    <xsd:enumeration value="DAT"/>
    <xsd:enumeration value="DDP"/>
    <xsd:enumeration value="DDU"/>
    <xsd:enumeration value="DEQ"/>
    <xsd:enumeration value="DES"/>
    <xsd:enumeration value="DVU"/>
    <xsd:enumeration value="EXW"/>
    <xsd:enumeration value="FAS"/>
    <xsd:enumeration value="FCA"/>
    <xsd:enumeration value="FOB"/>
  </xsd:restriction>
</xsd:simpleType>
```


4.44.11 CommerceLicensed Element

The CommerceLicensed element indicates the shipment is a Commerce-Licensed shipment.

```
<xsd:element name="CommerceLicensed" type="YesNo" minOccurs="0" />
```

4.44.12 Filing Element

The Filing element represents the filing type for the shipment.

```
<xsd:element name="Filing" type="Filing" minOccurs="0" />
```

```
<xsd:complexType name="Filing">
  <xsd:sequence>
    <xsd:element name="FilingType" type="FilingType" minOccurs="0" />
    <xsd:element name="FTSR" type="FTSR" minOccurs="0" />
    <xsd:element name="ITN" type="ITN" minOccurs="0" />
    <xsd:element name="AES4EIN" type="AES4EIN" minOccurs="0" />
  </xsd:sequence>
</xsd:complexType>
```



Element Name	Datatype/Format	Req	Definition	Valid Values
FilingType	dhl:FilingType	O	Filing type information	
FTSR	dhl:FTSR	O	FTR Exemption Code	
ITN	dhl:ITN	O	Internal Transaction Number (ITN) provided by the US Customs AES system.	
AES4EIN	dhl:AES4EIN	O	Exporter Identification Number of the AESPOST approved entity. Typically this is an EIN Tax ID number or a SSN.	

4.44.13 FilingType Element

The FilingType element represents the filing type information for the shipment.

```
<xsd:simpleType name="FilingType">
  <xsd:annotation>
    <xsd:documentation>FilingType</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="3" />
    <xsd:maxLength value="4" />
    <xsd:enumeration value="FTR" />
    <xsd:enumeration value="ITN" />
    <xsd:enumeration value="AES4" />
  </xsd:restriction>
</xsd:simpleType>
```

4.44.14 FTSR Element

The FTSR element represents the FTR Exemption Code.

```
<xsd:simpleType name="FTSR">
  <xsd:annotation>
    <xsd:documentation>FTSR</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="5" />
    <xsd:maxLength value="10" />
    <xsd:enumeration value="30.2(d)(2)" />
    <xsd:enumeration value="30.36" />
    <xsd:enumeration value="30.37(a)" />
    <xsd:enumeration value="30.37(b)" />
    <xsd:enumeration value="30.37(e)" />
    <xsd:enumeration value="30.37(f)" />
    <xsd:enumeration value="30.37(g)" />
    <xsd:enumeration value="30.37(h)" />
    <xsd:enumeration value="30.37(j)" />
    <xsd:enumeration value="30.37(k)" />
    <xsd:enumeration value="30.39" />
    <xsd:enumeration value="30.40(a)" />
    <xsd:enumeration value="30.40(b)" />
    <xsd:enumeration value="30.40(c)" />
    <xsd:enumeration value="30.40(d)" />
  </xsd:restriction>
</xsd:simpleType>
```

4.44.14.1 ITN Element

The ITN element represents the Internal Transaction Number (ITN) provided by the US Customs AES system. This number should be in the format starting with an “X” followed by 14 numeric digits.

```
<xsd:simpleType name="ITN">
  <xsd:annotation>
    <xsd:documentation>ITN</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="15" />
    <xsd:pattern value="X[0-9]{14}"></xsd:pattern>
  </xsd:restriction>
</xsd:simpleType>
```

4.44.14.2 AES4EIN Element

The AES4EIN element represents Exporter Identification Number of the AESPOST approved entity. Typically this is an EIN Tax ID number or a SSN.

```
<xsd:simpleType name="AES4EIN">
  <xsd:annotation>
    <xsd:documentation>AES4</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="1" />
    <xsd:maxLength value="11" />
  </xsd:restriction>
</xsd:simpleType>
```

4.45 ExportDeclaration Element

For non -domestic shipments, The ExportDeclaration element provides informations which is used export declarartion documents.It is a mandatory field.

```
<xsd:element name="ExportDeclaration" type="dhl:ExportDeclaration" minOccurs="0"/>

<xsd:complexType name="ExportDeclaration">
  <xsd:sequence>
    <xsd:element name="InterConsignee" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="70" />
          <xsd:minLength value="0" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="IsPartiesRelation" type="YesNo" minOccurs="0" />
    <xsd:element name="ECCN" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:minLength value="0" />
          <xsd:maxLength value="30" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="SignatureName" type="SignatureName" minOccurs="0" />
    <xsd:element name="SignatureTitle" type="SignatureTitle" minOccurs="0" />
    <xsd:element name="ExportReasonCode" type="ExportReasonCode" minOccurs="0" />
  </xsd:sequence>
</xsd:complexType>
```

```

<xsd:element name="SedNumber" type="SEDNumber" minOccurs="0"/>
<xsd:element name="SedNumberType" type="SEDNumberType" minOccurs="0"/>
<xsd:element name="MxStateCode" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:minLength value="0"/>
      <xsd:maxLength value="2"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="ExportLineItem" type="ExportLineItem" maxOccurs="unbounded">
  <xsd:annotation>
    <xsd:documentation>specifics about each of the line item</xsd:documentation>
  </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>

```

Element Name	Datatype/Format	Req	Definition	Valid Values
InterConsignee	string	O	Intermediate consignee (name and address field)	<= 70 characters
IsPartiesRelation	dhl:YesNo	O	Relation of parties to transaction	Y (Yes) N (No)
ECCN	string	O	ECCN info	
SignatureName	dhl:SignatureName	O	Name of signatory	<= 35 characters
SignatureTitle	dhl:SignatureTitle	O	Title of signatory	<= 35 characters
ExportReasonCode	dhl:ExportReasonCode	C	Reason code for export	P (Permanent) T (Temporary) R (Re-Export)
SedNumber	dhl:SEDNumber	O	SED number	FTSR XTN SAS
SedNumberType	dhl:SEDNumberType	C	SED number type	F X S
MxStateCode	string	C	Mexican division code - Division/State/Prefecture/Province code	
ExportLineItem	dhl:ExportLineItem	M	Specifics about each of the line item	

4.45.1 InterConsignee Element

The InterConsignee element contains the name and address of intermediate consignee. It is an optional field.

```

<xsd:element name="InterConsignee" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="70"/>
      <xsd:minLength value="0"/>
    </xsd:restriction>
  </xsd:simpleType>

```

```
</xsd:element>
```

4.45.2 IsPartiesRelation Element

The CommunicationAddress element contains the communication line number fax number or phone number. It is an optional element in the SpecialService Element. It is used if SpecialServiceType = “S”.

```
<xsd:element name="IsPartiesRelation" type="YesNo" minOccurs="0"/>
```

4.45.3 ECCN Element

This element contains ECCN info.

```
<xsd:element name="ECCN" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string" <xsd:minLength value="0"/> <xsd:maxLength value="30"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

4.45.4 SignatureName Element

The SignatureName element contains the Signatory’s name. It is an optional element.

```
<xsd:element name="SignatureName" type="SignatureName" minOccurs="0"/>

<xsd:simpleType name="SignatureName">
  <xsd:annotation>
    <xsd:documentation>Signature name </xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```

4.45.5 SignatureTitle Element

The SignatureTitle element contains the Signatory’s title. It is an optional element.

```
<xsd:element name="SignatureTitle" type="SignatureTitle" minOccurs="0"/>

<xsd:simpleType name="SignatureTitle">
  <xsd:annotation>
    <xsd:documentation>Signature title </xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="35" />
  </xsd:restriction>
</xsd:simpleType>
```

4.45.6 ExportReasonCode Element

This element contains the reason code for exporting. It is a conditional element. The valid values are P:Permanent, T:Temporary, R:Re-Export. It is required for dutiable shipment.

```
<xsd:element name="ExportReasonCode" type="ExportReasonCode" minOccurs="0" />

<xsd:simpleType name="ExportReasonCode">
  <xsd:annotation>
    <xsd:documentation>Export reason code (P:Permanent, T:Temporary, R:Re-export)</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1"/>
    <xsd:enumeration value="P"/> <xsd:enumeration value="T"/> <xsd:enumeration value="R"/>
  </xsd:restriction>
</xsd:simpleType>
```

4.45.7 SedNumber Element

This element contains the SED number. It is an optional element. .

4. FTSR - Foreign Trade Statistics Regulations - This is usually used as FTSR 30.55 where 30.55 is a section of the regulation that applies to the commodity, e.g., no SED required.
5. XTN- External Transaction Number - Comprised of the shippers EIN or SSN and a customer reference number.
6. SAS - Shipper Authorization Symbol - This is not used, but is replaced by the XTN.

```
<xsd:element name="SedNumber" type="SedNumber" minOccurs="0"/>

<xsd:simpleType name="SedNumber"> <xsd:restriction base="xsd:string">
  <xsd:enumeration value="FTSR"/> <xsd:enumeration value="XTN"/> <xsd:enumeration value="SAS"/>
</xsd:restriction>
</xsd:simpleType>
```

4.45.8 SedNumberType Element

This element contains the SED number type. It is an optional element. This field is required if SED number is given. The valid values are values are one of: F (for FTSR), X (for XTN) or S (for SAS).

```
<xsd:element name="SedNumberType" type="SedNumberType" minOccurs="0"/>

<xsd:simpleType name="SedNumberType"> <xsd:restriction base="xsd:string">
  <xsd:length value="1"/>
  <xsd:enumeration value="F"/>
  <xsd:enumeration value="X"/>
  <xsd:enumeration value="S"/>
</xsd:restriction>
</xsd:simpleType>
```

4.45.9 MxStateCode Element

This element contains the Mexican division code – Division/State/Prefecture/Province code. It is an optional element.

```
<xsd:element name="MxStateCode" minOccurs="0">
  <xsd:simpleType>
```

```

<xsd:restriction base="xsd:string">
  <xsd:minLength value="0"/>
  <xsd:maxLength value="2"/>
</xsd:restriction>
</xsd:simpleType>
</xsd:element>

```

4.45.10 ExportLineItem Element

The ExportLineItem specifies about each of the line item. It is a mandatory field.

```

<xsd:element name="ExportLineItem" type="ExportLineItem" maxOccurs="unbounded">
  <xsd:annotation>
    <xsd:documentation>specifics about each of the line item</xsd:documentation>
  </xsd:annotation>
</xsd:element>

<xsd:complexType name="ExportLineItem">
  <xsd:sequence>
    <xsd:element name="LineNumber" type="LineNumber" />
    <xsd:element name="Quantity" type="Quantity" />
    <xsd:element name="QuantityUnit" type="QuantityUnit" />
    <xsd:element name="Description">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="75"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="Value">
      <xsd:simpleType>
        <xsd:restriction base="xsd:float">
          <xsd:minInclusive value="0.00" />
          <xsd:maxInclusive value="9999999999.99" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="IsDomestic" type="YesNo" minOccurs="0" />
    <xsd:element name="CommodityCode" type="CommodityCode" minOccurs="0" />
    <xsd:element name="ScheduleB" type="ScheduleB" minOccurs="0" />
    <xsd:element name="ECCN" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:minLength value="0" />
          <xsd:maxLength value="11" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="Weight">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="Weight" type="Weight" />
          <xsd:element name="WeightUnit" type="WeightUnit" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="License" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="LicenseNumber" type="LicenseNumber">
            <xsd:annotation>
              <xsd:documentation>shipper export license</xsd:documentation>
            </xsd:annotation>

```

```

        </xsd:annotation>
        </xsd:element>
        <xsd:element name="ExpiryDate" type="xsd:date"/>
    </xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="LicenseSymbol" type="LicenseNumber" minOccurs="0">
    <xsd:annotation>
        <xsd:documentation>license exception symbol</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element name="ManufactureCountryCode" type="CountryCode" minOccurs="0">
    </xsd:element>
</xsd:sequence>
</xsd:complexType>

```

Element Name	Datatype/Format	Req	Definition	Valid Values
LineNumber	dhl:LineNumber	M	Serial number for the items	
Quantity	dhl:Quantity	M	Number of pieces for particular line	
			item type	
QuantityUnit	dhl:QuantityUnit	M	Quantity unit	
Description	string	M	Description of line item	
Value	Float	M	Money value levied for line item	
IsDomestic	dhl:YesNo	O	Whether shipment is domestic or not	
CommodityCode	CommodityCode	O	Commodity code for the shipment at line item level	<=20 characters
ScheduleB	dhl:ScheduleB	O	Schedule B info	
ECCN	string	O	ECCN info	
Weight	xsd:ComplexType	O	Weight of the line item	
License	xsd:ComplexType	O	License information	
LicenseSymbol	Dhl:LicenseNumber	O	License symbol	
ManufactureCountryCode	Dhl:CountryCode	C	Manufacturer Country Code	

4.45.11 LineNumber Element

The LineNumber element contains the serial number for particular item. It's value should not be more than 200. It is a mandatory field.

```

<xsd:simpleType name="LineNumber">
    <xsd:restriction base="xsd:positiveInteger">
        <xsd:minInclusive value="1"/> <xsd:maxInclusive value="200"/>
    </xsd:restriction>
</xsd:simpleType>

```

4.45.12 Quantity Element

The Quantity element contains the number of pieces in the line item. It is a mandatory field.

```

<xsd:simpleType name="Quantity"> <xsd:annotation>
    <xsd:documentation>Quantity</xsd:documentation> </xsd:annotation>

```



```
<xsd:restriction base="xsd:positiveInteger"> <xsd:maxInclusive value="32000"/>
</xsd:restriction>
</xsd:simpleType>
```

4.45.13 QuantityUnit Element

This element contains the measurement unit for quantity. It is a mandatory field.

```
<xsd:simpleType name="QuantityUnit">
  <xsd:annotation>
    <xsd:documentation>Quantity unit of measure (tens, hundreds, thousands, etc.)</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="8"/>
  </xsd:restriction>
</xsd:simpleType>
```

4.45.14 Description Element

This element contains the description of the line item. It is a mandatory field.

```
<xsd:element name="Description" type="xsd:string"/>
```

4.45.15 Value Element

This element identifies how much money is levied for particular line item. It is a mandatory field.

```
<xsd:element name="Value">
  <xsd:simpleType>
    <xsd:restriction base="xsd:float">
      <xsd:minInclusive value="0.00" />
      <xsd:maxInclusive value="9999999999.99" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

4.45.16 IsDomestic Element

The IsDomestic element indicates whether shipment is domestic or not. The valid values are Y (Yes) and N (No).

```
<xsd:element name="IsDomestic" type="YesNo" minOccurs="0"/>

<xsd:simpleType name="YesNo"> <xsd:annotation>
  <xsd:documentation>Boolean flag</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1"/>
    <xsd:enumeration value="Y"/> <xsd:enumeration value="N"/>
  </xsd:restriction>
</xsd:simpleType>
```

4.45.17CommodityCode Element

The CommodityCode element contains commodity code for shipment contents. Its value should lie in between 1 to 20 characters of string. This field is optional.

```
<xsd:element name="CommodityCode" type="CommodityCode" minOccurs="0" />

<xsd:simpleType name="CommodityCode">
  <xsd:annotation>
    <xsd:documentation>Commodity codes for shipment type</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="1"/>
    <xsd:maxLength value="20"/>
  </xsd:restriction>
</xsd:simpleType>
```

4.45.18ScheduleB Element

The ScheduleB element contains the schedule B number.It is an optional field.

```
<xsd:element name="ScheduleB" type="ScheduleB" minOccurs="0" />

<xsd:simpleType name="ScheduleB"> <xsd:annotation>
  <xsd:documentation>Schedule B numner</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string"> <xsd:maxLength value="15"/>
</xsd:restriction>
</xsd:simpleType>
```

4.45.19ECCN Element

This element contains ECCN info.

```
<xsd:element name="ECCN" minOccurs="0"> <xsd:simpleType>
  <xsd:restriction base="xsd:string"> <xsd:minLength value="0"/> <xsd:maxLength value="30"/>
</xsd:restriction>
</xsd:simpleType>
</xsd:element>
```

4.45.20Weight Element

This element contains information about weight of the line item.It is an optional field.

```
<xsd:element name="Weight" minOccurs="0"> <xsd:complexType>
  <xsd:sequence>
    <xsd:element name="Weight" type="Weight"/>
    <xsd:element name="WeightUnit" type="WeightUnit"/>
  </xsd:sequence>
</xsd:complexType>
</xsd:element>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
Weight	dhl:Weight	M	Weight of the line item	
WeightUnit	dhl:WeightUnit	M	The measurement unit of weight	K (Kilograms) L (Pounds)

4.45.11.10.1 Weight Element

The Weight Element represents the total weight of the all individual piece in the line item. It is a mandatory field.

```
<xsd:simpleType name="Weight">
  <xsd:annotation>
    <xsd:documentation>Weight of piece or shipment</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:decimal">
    <xsd:fractionDigits value="3" />
    <xsd:minInclusive value="0.000" />
    <xsd:maxInclusive value="999999.999" />
    <xsd:totalDigits value="10" />
  </xsd:restriction>
</xsd:simpleType>
```

4.45.11.10.2 WeightUnit Element

The Weight Unit element contains the Unit by which the shipment weight is measured. It must be declared in the Weight element. The valid value for this element is K (Kilograms). Please refer to Reference Data (DHL Country) for valid weight unit.

```
<xsd:simpleType name="WeightUnit">
  <xsd:annotation>
    <xsd:documentation>Unit of weight measurement (K:Kilograms,L:Pounds)</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1"/>
    <xsd:enumeration value="K"/>
    <xsd:enumeration value="L"/>
  </xsd:restriction>
</xsd:simpleType>
```

4.45.11.10.3 License Element

This element contains the shipper export licence information of the particular item. It is an optional field.

```
<xsd:element name="License" minOccurs="0"><xsd:complexType>
  <xsd:sequence>
    <xsd:element name="LicenseNumber" type="LicenseNumber">
      <xsd:annotation>
        <xsd:documentation>shipper export license</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="ExpiryDate" type="xsd:date"/>
  </xsd:sequence>
</xsd:complexType>
</xsd:element>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
LicenseNumber	dhl:LicenseNumber	M	The license number	
ExpiryDate	xsd:date	M	The expiry date of the license	

4.45.11.10.3.1 LicenseNumber Element

This element contains the shipper export licence number of the particular item. It is a mandatory field.

```
<xsd:simpleType name="LicenseNumber">
  <xsd:annotation>
    <xsd:documentation>Export license number</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="16"/>
  </xsd:restriction>
</xsd:simpleType>
```

4.45.11.10.3.2 ExpiryDate Element

This element contains the expiry date of shipper export licence of the particular item. It is a mandatory field.

```
<xsd:element name="ExpiryDate" type="xsd:date"/>
```

4.45.11.11 LicenseSymbol Element

This element contains shipper export licence symbol number of the particular item. It is an optional field.

```
<xsd:simpleType name="LicenseNumber">
  <xsd:annotation>
    <xsd:documentation>Export license number</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="16"/>
  </xsd:restriction>
</xsd:simpleType>
```

4.45.11.12 ManufactureCountryCode Element

This element allows user to capture Country of Manufacture in Invoice Line item. It is an optional field and required for dutiable shipment.

```
<xsd:element name="ManufactureCountryCode" type="CountryCode" minOccurs="0">
</xsd:element>

<xsd:simpleType name="CountryCode">
  <xsd:annotation>
    <xsd:documentation>ISO country codes</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="2"/>
  </xsd:restriction>
</xsd:simpleType>
```

4.46 NewShipper Element

The NewShipper element indicates whether shipper is new or not. The valid values are Y (Yes) and N (No).

```
<xsd:element name="NewShipper" type="dhl:YesNo" minOccurs="0"/>

<xsd:simpleType name="YesNo">
  <xsd:annotation><xsd:documentation>Boolean flag</xsd:documentation></xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1"/>
    <xsd:enumeration value="Y"/>
    <xsd:enumeration value="N"/>
  </xsd:restriction>
</xsd:simpleType>
```

4.47 PLTStatus Element

The PLTStatus element indicates the shipper account's PLT subscription status.

```
<xsd:element name="PLTStatus" type="dhl:PLTStatus" minOccurs="0"/>

<xsd:simpleType name="PLTStatus">
  <xsd:annotation>
    <xsd:documentation>PLTStatus</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1" />
    <xsd:enumeration value="A" />
    <xsd:enumeration value="D" />
    <xsd:enumeration value="S" />
  </xsd:restriction>
</xsd:simpleType>
```

4.48 QtdSInAdCur Element

The QtdSInAdCur element contains the multiple currency billing details returned for different billing role of shipment charges if available in DCT tariff.

Note:

For PLT shipment, it will be interface with DCT getQuote interface for tariff.

For EU regular shipment, if it is switched to interface with DCT getQuote is configurable in XML Services application backend.

```
<xsd:element name="QtdSInAdCur" type="dhl:QtdSInAdCur" minOccurs="0" maxOccurs="unbounded"/>

<xsd:complexType name="QtdSInAdCur">
  <xsd:annotation>
    <xsd:documentation>QtdSInAdCur</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="CurrencyCode" type="CurrencyCode" minOccurs="1" />
    <xsd:element name="CurrencyRoleTypeCode" type="CurrencyRoleTypeCode" minOccurs="1" />
    <xsd:element name="PackageCharge" type="PackageCharge" minOccurs="1" />
    <xsd:element name="ShippingCharge" type="ShippingCharge" minOccurs="1" />
  </xsd:sequence>
```

</xsd:complexType>

Element Name	Datatype/Format	Req	Definition	Valid Values
CurrencyCode	CurrencyCode	O	Currency ID is the three character alphabetic unique identifier issued by the ISO for an internationally recognized currency.	3 characters
CurrencyRoleTypeCode	CurrencyRoleTypeCode	O	Defines a role in which is a currency used.	5 characters. The roles can be: BILLC – Billing currency PULCL – Country of pickup local currency INVCU – Invoice currency BASEC – Base currency
PackageCharge	PackageCharge	O	Charge for package delivery	
ShippingCharge	ShippingCharge	O	The total shipping charge of the shipment	

4.48.1 CurrencyCode Element

The CurrencyCode element indicates the currency code of the shipment.

```
<xsd:element name="CurrencyCode" type="CurrencyCode" minOccurs="1" />
```

4.48.2 CurrencyRoleTypeCode Element

The CurrencyRoleTypeCode element indicates the role of the currency in billing details.

```
<xsd:element name="CurrencyRoleTypeCode" type="CurrencyRoleTypeCode" minOccurs="1" />
```

```
<xsd:simpleType name="CurrencyRoleTypeCode">
  <xsd:annotation>
    <xsd:documentation>CurrencyRoleTypeCode</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="5" />
    <xsd:enumeration value="BILLC" />
    <xsd:enumeration value="PULCL" />
    <xsd:enumeration value="INVCU" />
    <xsd:enumeration value="BASEC" />
  </xsd:restriction>
</xsd:simpleType>
```

4.48.3 PackageCharge Element

The PackageCharge element contains the package charge of the shipment.

```
<xsd:element name="PackageCharge" type="PackageCharge" minOccurs="1" />
```

```
<xsd:element name="PackageCharge" type="dhl:Money" minOccurs="0"/>
```

```
<xsd:simpleType name="Money">
  <xsd:annotation>
    <xsd:documentation>Monetary amount (with 2 decimal precision)
  </xsd:documentation>
```

```
</xsd:annotation>
<xsd:restriction base="xsd:float">
  <xsd:minInclusive value="0.00" />
  <xsd:maxInclusive value="9999999999.99" />
</xsd:restriction>
</xsd:simpleType>
```

4.48.4 ShippingCharge Element

The ShippingCharge element contains the total shipping charges of the shipment.

```
<xsd:element name="ShippingCharge" type="ShippingCharge" minOccurs="1" />

<xsd:element name="ShippingCharge" type="dhl:Money" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation>This field will be filled if rated is 'y'</xsd:documentation> </xsd:annotation>
  </xsd:element>

  <xsd:simpleType name="Money">
    <xsd:annotation>
      <xsd:documentation>Monetary amount (with 2 decimal precision)</xsd:documentation>
    </xsd:annotation>
    <xsd:restriction base="xsd:float">
      <xsd:minInclusive value="0.00" />
      <xsd:maxInclusive value="9999999999.99" />
    </xsd:restriction>
  </xsd:simpleType>
```

4.49 LabelImage Element

The LabelImage element contains the GLS's generated Global and Archive label image output if it is required by user via LabelImageFormat element in request XML.

```
<xsd:element name="LabelImage" type="dhl:LabelImage" minOccurs="0" maxOccurs="unbounded"/>

<xsd:complexType name="LabelImage">
  <xsd:annotation>
    <xsd:documentation>LabelImage</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="OutputFormat" type="OutputFormat" minOccurs="0" />
    <xsd:element name="OutputImage" type="OutputImage" minOccurs="0" />
    <xsd:element name="MultiLabels" type="MultiLabels" minOccurs="0" />
  </xsd:sequence>
</xsd:complexType>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
OutputFormat	OutputFormat	O	GLSv3 supported label output format	EPL2 (Eltron Programming Language version 2) PDF (Portable Document Format) ZPL2 (Zebra Programming Language version 2)
OutputImage	OutputImage	O	GLSv3 returned label image of Global and Archive label for the required output format	
MultiLabels	MultiLabels	O	GLSv3 returned label image of Global, Archive, and Shipment Receipt if there are more than one base64	

4.49.1 OutputFormat Element

The OutputFormat element indicates the GLSv3 supported label output format.

```

<xsd:simpleType name="OutputFormat">
  <xsd:annotation>
    <xsd:documentation>OutputFormat</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="EPL2" />
    <xsd:enumeration value="PDF" />
    <xsd:enumeration value="ZPL2" />
  </xsd:restriction>
</xsd:simpleType>

```

4.49.2 OutputImage Element

The OutputImage element contains the GLSv3's label image of Global and Archive label for the required output format.

```

<xsd:simpleType name="OutputImage">
  <xsd:annotation>
    <xsd:documentation>OutputImage</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:base64Binary" />
</xsd:simpleType>

```

4.49.3 MultiLabels Element

The OutputImage element contains the GLSv3's label image of Global, Archive and Shipment Receipt label for the required output format if there are more than one base64.

```

<xsd:complexType name="MultiLabels">
  <xsd:sequence>
    <xsd:element name="MultiLabel" minOccurs="1" maxOccurs="99">
      <xsd:complexType>
        <xsd:sequence>

```



```
<xsd:element name="DocName" type="xsd:string"/>
<xsd:element name="DocFormat" type="DocFormat"/>
<xsd:element name="DocImage" type="DocImageVal"/>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
```

4.50 CustData Element

The CustData element consists of customer data that required to be printed on shipment level in GLS transport label CI template.

```
<xsd:element name="CustData" type="CustData" minOccurs="0" />

<xsd:simpleType name="CustData">
<xsd:annotation>
  <xsd:documentation>CustData</xsd:documentation>
</xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="1" />
    <xsd:maxLength value="100" />
  </xsd:restriction>
</xsd:simpleType>
```

4.51 Shipmentcharges Element

The shipmentcharges element consist of shipment details shipment charges. This element is optional.

```
<xsd:element name="ShipmentCharges" type="ShipmentCharges" minOccurs="0"/>
<xsd:simpleType name="ShipmentCharges">
  <xsd:annotation>
    <xsd:documentation>ShipmentCharges</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:float">
    <xsd:minInclusive value="0.01"/>
    <xsd:maxInclusive value="99999999.99"/>
  </xsd:restricti
</xsd:simpleType>
```

4.52 ODDURLLink Element

The ODDURLLink element contains the URL for the On Demand Delivery (ODD) page. This element is optional.

```
<xsd:element name="ODDURLLink" type="xsd:string" minOccurs="0"/>
```

4.53 DGs Element

The DGs element defines the details of the Dangerous Goods items that included in shipment.

```

<xsd:element name="DGs" type="dhl:DGs" minOccurs="0"/>

<xsd:complexType name="DGs">
  <xsd:annotation>
    <xsd:documentation>Multiple Dangerous Goods Item</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="DG" type="DG" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>

```

Element Name	Datatype/Format	Req	Definition	Valid Values
DG	Complex type	O	This element contains the details of each Dangerous Goods item	

4.53.1 DG Element

The DG element contains the details of each Dangerous Goods item that included in the shipment.

```

<xsd:complexType name="DG">
  <xsd:annotation>
    <xsd:documentation>Dangerous Goods</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="DG_ContentID" type="xsd:string"/>
    <xsd:element name="DG_LabelDesc" type="xsd:string" minOccurs="0"/>
    <xsd:element name="DG_NetWeight" type="Weight" minOccurs="0"/>
    <xsd:element name="DG_UOM" type="DG_UOM" minOccurs="0"/>
    <xsd:element name="DG_UNCode" type="xsd:string" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>

```

Element Name	Datatype/Format	Req	Definition	Valid Values
DG_ContentID	xsd:string	M	Dangerous Goods Content ID	Reference Data XLS Refer to <Dangerous Goods> tab sheet
DG_LabelDesc	xsd:string	O	Dangerous Goods Label Description	
DG_NetWeight	Weight	O	Dangerous Goods Net Weight. Note: For Dry Ice, Net Weight and UOM must be defined in DG element.	
DG_UOM	DG_UOM	O	Dangerous Goods Unit of Measurement. Note: For Dry Ice, Net Weight and UOM must be defined in DG element.	KG – Kilogram LB – Pounds
DG_UNCode	xsd:string	O	Dangerous Goods with Excepted Quantities attributes using UN code	

4.53.1.1 DG_ContentID Element

The DG_ContentID element contains the Dangerous Goods Content ID that included in the shipment.

```

<xsd:element name="DG_ContentID" type="xsd:string"/>

```

4.53.1.2 DG_LabelDesc Element

The DG_LabelDesc element contains the Dangerous Goods Label Description that included in the shipment. It is recommended to leave it empty and it will be lookup via label rendering for the updated description.

```
<xsd:element name="DG_LabelDesc" type="xsd:string" minOccurs="0"/>
```

4.53.1.3 DG_NetWeight Element

The DG_NetWeight element contains the Dangerous Goods Net Weight that included in the shipment. It is required for Dry Ice with Unit of Measurement details also.

```
<xsd:element name="DG_NetWeight" type="Weight" minOccurs="0"/>
```

4.53.1.4 DG_UOM Element

The DG_UOM element contains the Dangerous Goods Unit of Measurement that included in the shipment. It is required for Dry Ice with Net Weight details also.

```
<xsd:element name="DG_UOM" type="DG_UOM" minOccurs="0"/>
```

```
<xsd:simpleType name="DG_UOM">
  <xsd:annotation>
    <xsd:documentation>DG_UOM</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="KG" />
    <xsd:enumeration value="LB" />
  </xsd:restriction>
</xsd:simpleType>
```

4.53.1.5 DG_UNCode Element

The DG_UNCode element contains the Dangerous Goods with Excepted Quantities attributes using UN code that included in the shipment.

```
<xsd:element name="DG_UNCode" type="xsd:string" minOccurs="0"/>
```

4.54 Label Element

The Label element defines the required label template used and its customer's barcode type, barcode code and barcode text if available in client's request.

```
<xsd:element name="Label" type="dhl:Label" minOccurs="0"/>

<xsd:complexType name="Label">
  <xsd:annotation>
    <xsd:documentation>Label</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="LabelTemplate" type="LabelTemplate" minOccurs="0"/>
    <xsd:element name="CustomerBarcodeType" type="xsd:string" minOccurs="0"/>
    <xsd:element name="CustomerBarcodeCode" type="xsd:string" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

```

<xsd:element name="CustomerBarcodeText" type="xsd:string" minOccurs="0"/>
</xsd:sequence>
</xsd:complexType>

```

Element Name	Datatype/Format	Req	Definition	Valid Values
LabelTemplate	LabelTemplate	O	GLSv3 Transport label template that published in XML Services v5.0	8X4_A4_PDF 8X4_thermal 8X4_A4_TC_PDF 6X4_thermal 6X4_A4_PDF 8X4_CI_PDF 8X4_CI_thermal 8X4_RU_A4_PDF 6X4_PDF 8X4_PDF
CustomerBarcodeType	xsd:string	O	Customer barcode type	28 ean128 93 25
CustomerBarcodeCode	xsd:string	O	Customer barcode code	
CustomerBarcodeText	xsd:string	O	Customer barcode text	

4.54.1 LabelTemplate Element

The LabelTemplate element indicates GLSv3 transport label templates that published in XML Services v6.0.

```

<xsd:simpleType name="LabelTemplate">
<xsd:annotation>
  <xsd:documentation>LabelTemplate</xsd:documentation>
</xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="8X4_A4_PDF" />
    <xsd:enumeration value="8X4_thermal" />
    <xsd:enumeration value="8X4_A4_TC_PDF" />
    <xsd:enumeration value="8X4_CI_PDF" />
    <xsd:enumeration value="8X4_CI_thermal" />
    <xsd:enumeration value="6X4_A4_PDF" />
    <xsd:enumeration value="6X4_thermal" />
    <xsd:enumeration value="8X4_RU_A4_PDF" />
    <xsd:enumeration value="6X4_PDF"/>
    <xsd:enumeration value="8X4_PDF"/>
    <xsd:enumeration value="8X4_CustBarCode_PDF"/>
    <xsd:enumeration value="8X4_CustBarCode_thermal"/>
  </xsd:restriction>
</xsd:simpleType>

```

Below default label template will be used if incorrect Label Image Format type and label template combination is available in shipment request:

- c) For Label Image Format of “PDF”, default label template is 8X4_A4_PDF format.
- d) For Label Image Format of “ZPL2” or “EPL2”, default label template is 8X4_thermal.

4.54.2 CustomerBarcodeType Element

The CustomerBarcodeType element consists of customer's barcode type to be printed in Transport label using these 8X4_CustBarCode_PDF and 8X4_CustBarCode_thermal templates.

```
<xsd:element name="CustomerBarcodeType" type="xsd:string" minOccurs="0"/>
```

4.54.3 CustomerBarcodeCode Element

The CustomerBarcodeCode element consists of customer's barcode code to be printed in Transport label using these 8X4_CustBarCode_PDF and 8X4_CustBarCode_thermal templates.

```
<xsd:element name="CustomerBarcodeCode" type="xsd:string" minOccurs="0"/>
```

4.54.4 CustomerBarcodeText Element

The CustomerBarcodeText element consists of customer's barcode text to be printed in Transport label using these 8X4_CustBarCode_PDF and 8X4_CustBarCode_thermal templates.

```
<xsd:element name="CustomerBarcodeText" type="xsd:string" minOccurs="0"/>
```

5 Shipment Validation Error Response Schema

Following is the schema of shipment validation error response. All shipment validation error response confirm to the following schema file.

```
<?xml version="1.0" encoding="UTF-8"?>
<xsd:schema targetNamespace="http://www.dhl.com" xmlns:dhl="http://www.dhl.com/datatypes" xmlns="http://www.dhl.com"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" elementFormDefault="unqualified">
<xsd:import namespace="http://www.dhl.com/datatypes" schemaLocation="xsd/datatypes_global.xsd"/> <xsd:element
name="ShipmentValidateErrorResponse">
<xsd:annotation>
<xsd:documentation>Shipment Validation error response root element</xsd:documentation>
</xsd:annotation>
<xsd:complexType>
<xsd:sequence>
<xsd:element name="Response" type="dhl:ErrorResponse"/>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
</xsd:schema>
```

5.1 Shipment Validation error Response Data Element Definitions

The Shipment validation error Response schema contains the following four elements.

Element Name	Datatype/Format	Req	Definition	Valid Values
Response	dhl:ErrorResponse	M	Error Response of the Shipment Validation service	

5.2 Response Element

The Response element contains the header and error information for the message. The response element contains following complex datatypes.

```
<xsd:complexType name="ErrorResponse">
<xsd:annotation>
<xsd:documentation>Generic response header</xsd:documentation>
</xsd:annotation>
<xsd:sequence>
<xsd:element name="ServiceHeader" type="ServiceHeader"/>
<xsd:element name="Status" type="Status"/>
</xsd:sequence>
</xsd:complexType>
```

5.2.1 ServiceHeader Element

The Service Header element contains the header information about the request message. This element must be declared only once in the Request element.

```
<xsd:complexType name="ServiceHeader">
```

```

<xsd:annotation>
  <xsd:documentation>Standard routing header</xsd:documentation>
</xsd:annotation>
<xsd:sequence>
  <xsd:element name="MessageTime" type="xsd:dateTime" minOccurs="0">
    <xsd:annotation>
      <xsd:documentation>Time this message is sent</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="MessageReference" type="MessageReference" >
    <xsd:annotation>
      <xsd:documentation>A string, preferably number, to uniquely identify individual messages. Minimum length must be 28 and
        maximum length is 32
      </xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="SiteID" type="SiteID"/>
  <xsd:element name="Password" type="Password"/>
</xsd:sequence>
</xsd:complexType>

```

Element Name	Datatype/Format	Req	Definition	Valid Values
MessageTime	xsd:dateTime	O	Identifies the message time.	
MessageReference	MessageReference	M	Message reference number.	
SiteID	SiteID	M	Identifies the sender of the request message. It is a mandatory field in the request message.	
Password	Password	O	Authenticates the sender of the message. It is a mandatory field in request message.	

5.2.1.1 MessageTime Element

The Message Time element contains the time at which the message was sent by the requestor. The format of the should be YYYY-MM-DD(T)hh-mm-ss-Time Zone where “T” is the separator between date and time.

e.g. 2002-12-02T13:23:18-07:00

```

<xsd:element name="MessageTime" type="xsd:dateTime" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation>Time this message is sent</xsd:documentation> </xsd:annotation>
  </xsd:element>

```

5.2.1.2 Message Reference Element

The Message Reference element should contain a unique reference to the message, so that trace of a particular message can be done easily. It must be of minimum length of 28 and maximum 32. The value can be decided by customer

```

<xsd:element name="MessageReference">
  <xsd:annotation>
    <xsd:documentation>Reference to the requested Message</xsd:documentation> </xsd:annotation>
    <xsd:restriction base="xsd:string" > <xsd:minLength value="28"/> <xsd:maxLength value="32"/>
  </xsd:restriction> </xsd:simpleType>

```



5.2.1.3 SiteID Element

The site id element is used to identify the requestor of the message. Each partner/customer is provided with the site id and password. Each request message received is validated with this before proceeding forward.

```
<xsd:simpleType name="SiteID"> <xsd:annotation>
  <xsd:documentation>Site ID used for verifying the sender</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string"> <xsd:minLength value="6"/> <xsd:maxLength value="20"/>
</xsd:restriction> </xsd:simpleType>
```

5.2.1.4 Password Element

The password element is used to verify the identity the requestor of the message. Each partner/customer is provided with the site id and password. Each request message received is validated with this before proceeding forward. In response message this element is not returned.

```
<xsd:simpleType name="Password"> <xsd:annotation>
  <xsd:documentation>Password used for verifying the sender</xsd:documentation> </xsd:annotation>
  <xsd:restriction base="xsd:string"> <xsd:minLength value="8"/> <xsd:maxLength value="20"/>
</xsd:restriction> </xsd:simpleType>
```

5.2.2 Status Element

The Status element is a complex element which consists of two child elements “ActionStatus” and “Condition” element. The Status element is returned by the backend service while processing the Shipment validation request. The element is a mandatory element.

```
<xsd:complexType name="Status"> <xsd:annotation>
  <xsd:documentation>Status/Exception signal element</xsd:documentation> </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="ActionStatus" type="xsd:string"/>
    <xsd:element name="Condition" type="Condition" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
ActionStatus	xsd:string	M	Response for the Shipment validation request	
Condition	Condition	O	Note for the Shipment validation Response	

5.2.3 ActionStatus Element

The Action status is returned by the backend service in error response to the Shipment validation Request send to it. It is a mandatory field in the Status Segment.

```
<xsd:element name="ActionNote" type="xsd:string"/>
```

5.2.4 Condition Element

The Condition element is an optional field. It is a complex element which consists of ConditionCode and

ConditionData.

```
<xsd:complexType name="Condition">
  <xsd:sequence>
    <xsd:element name="ConditionCode" type="xsd:string"/>
    <xsd:element name="ConditionData" type="xsd:string" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

Element Name	Datatype/Format	Req	Definition	Valid Values
ConditionCode	xsd:string	M	Code for the condition	Please refer to the Reference Data (Error Messages)
ConditionData	xsd:string	O	Data for the condition	

5.2.4.1 ConditionCode Element

The condition code element contains the code for the condition. It is a mandatory field in the Condition segment.

```
<xsd:element name="ConditionCode" type="xsd:string"/>
```

5.2.4.2 ConditionData Element

The Condition Data element contains the data for the condition. It is an optional field in the Condition segment.

```
<xsd:element name="ConditionData" type="xsd:string" minOccurs="0"/>
```