



## PROGRAMME & DEVELOPMENT SERVICES

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# XML

# Services

Ver 10.0.7

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Reference Document – Capability and Quote Service

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XML Services version	Release Date	Comments
5.2	20 March 2016	Minor updates for valid values definition table on <ol style="list-style-type: none"> <li>1. Section 3.2.1 postal code and suburbs elements</li> <li>2. Section 3.3 PaymentCountryCode elements</li> </ol>
5.2	22 July 2016	Update on section 1.2 on usage of the DCT and Shipment request
6.1	20 <sup>th</sup> Nov 2017	<ol style="list-style-type: none"> <li>1. Updated/added new fields for Request and Response for of Global Schema v1.0 schema.               <ol style="list-style-type: none"> <li>a. Section 3.6.1: GenReq element</li> <li>b. Section 4.2.3.33: PickupWindowEarliestTime element</li> <li>c. Section 4.2.3.34: PickupWindowLatestTime element</li> <li>d. Section 4.2.3.35: BookingCutoffOffset element</li> <li>e. Section 4.2.3.36: DeliveryDate element</li> <li>f. Section 4.2.3.37: PickupLeadTime element</li> <li>g. Section 4.2.3.38: PickupCloseTime element</li> <li>h. Section 4.2.3.39: WeightChargeDisc element</li> <li>i. Section 4.2.3.40: QtdShpExChrgDisc element</li> <li>j. Section 4.2.3.27 QtdShpExChrg element</li> <li>k. Section 4.2.3.32 WeightChargeTaxDet element</li> <li>l. Section 4.2.3.39 WeigthChargeDisc element</li> <li>m. Section 4.2.3.40 QtdShpChrgDisc element</li> </ol> </li> <li>2. Updated metadata for request level in section 3.</li> </ol>
6.2	21 <sup>st</sup> Nov 2017	Rename document from v6.1 to v6.2.



	1 <sup>st</sup> March 2018	CN Change Request – change wording “Country” to “Country/Region”
	29 <sup>th</sup> August 2018	Updated section 3.3.7 NumberOfPieces to 999.
	3 <sup>rd</sup> October, 2018	Updated section 4.2.3.14 ExchangeRate Element
10.0.1	1 <sup>st</sup> June, 2022	Introducing Schema Version 3.0 : Updated Section 3 and Section 4. Section 3: New elements <RequestValueAddedServicesAndRuleGroups> and <StrictValidation> Section 4: New elements <MrkSrvMutuallyExclusiveGroups> and <MrkSrvDependencyRuleGroups>
10.0.2	23 <sup>rd</sup> August 2022	Added section 3.9 RequestEstimatedDeliveryDate and 3.10 EstimatedDeliveryDateType
10.0.3	10 <sup>th</sup> July 2023	Updated section 4.2.3.33 WeightChargeTaxDet – TaxTypeCode with valid value.
10.0.4	22 <sup>nd</sup> October 2023	1. Section 3.1.1.1 MessageTime Element – updated value format and example value. 2. Section 4.1.1.1 MessageTime Element – updated value format and example value. 3. Section 5.2.1.1 MessageTime Element – updated value format and example value.
10.0.5	26 <sup>th</sup> May 2024	1. PickupCutoffTime field description updated with additional information that this field is pickup cutoff time in origin’s time zone.
10.0.6	26 <sup>th</sup> March 2025	Updated DCTResponsesdatatypes_global.xsd: Updated Section 4.2.1: 1) Added element <ChargeTaxRate> 2) Added <PickupNonDHLCourierCode> 3) Added <DeliveryNonDHLCourierCode> 4) Uncommented <QtyInAdCur> 5) Updated <QuotedWeightUOM> enumeration: a) remove ‘Lbs’ from enumeration b) added ‘LB’ 6) Section 4.2.3.41: QtyShpExChrgDisc/DiscAmt Updated data type for to decimal (18,3)



10.0.7	13 <sup>rd</sup> July 2025	1) Section 3.3.14.1 PieceType Element and 3.3.14.1.2 PackageTypeCode ElementUpdated a) Updated “PackageTypeCode’ valid values and remove enumeration
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Note: Only Major changes will increase the version number.



# 1 Introduction

This document describes the XML public interface for the Capability and Quote service. The document specifies the XML message document used to invoke these service functions, and the response XML message document from the service.

In this document are the Capability Request and Capability Response schema. Tables describe the data elements to be found in each schema.

**Note:** These schema 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 service to receive XML messages in the format displayed in the Response schema in this document.

## 1.2 About the Capability and Quote Service

The Capability and Quote service is used to provide Capability, Transit Time and Price for the complete set of DHL Express Products and Services and from anywhere to anywhere. Users have option to request information for specific product or service or get information about all available options.

Capability service will provide list of products, booking and pick-up cutoff times, transit time and expected delivery date. In addition to the information provided by Capability service, the Quote service will provide account specific or standard book rate price for requested products and services.

Please notice the difference between the GetQuote service and the GetCapability service. The GetCapability service will return capabilities, while GetQuote will return price AND capabilities. If price is not needed, then GetCapability service could be used. This will slightly speed up the response time.

## 1.3 About the Data Element Definition Tables

The following tables describe the elements found in the Capability and Quote 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). To view the complete set of the datatypes for all XML Shipping Services, see the document entitled *XML Shipping Services: Datatype Definitions*.



- **Definition** is a short description of the data element.
- **Req(uiired)** 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 Capability and Quote service Request

The following is the Capability and Quote service request schema. The schema has been defined based on GetCapability and GetQuote request. 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 Capability and Quote service Request Schema

Following is the schema of Capability and Quote service request. All XML request for Capability and Quote service should confirm to the following schema file.

Global Schema version 3.0:

```
<?xml version="1.0"?>
<xsd:schema targetNamespace="http://www.dhl.com" xmlns:dhl="http://www.dhl.com/datatypes_global"
xmlns="http://www.dhl.com" xmlns:dct="http://www.dhl.com/DCTRequestdatatypes"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" elementFormDefault="unqualified">
<xsd:import namespace="http://www.dhl.com/datatypes_global" schemaLocation="datatypes_global_v62.xsd" />
<xsd:import namespace="http://www.dhl.com/DCTRequestdatatypes" schemaLocation="DCTRequestdatatypes_global.xsd" />
<xsd:element name="DCTRequest">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:choice minOccurs="1" maxOccurs="1">
        <xsd:element name="GetQuote">
          <xsd:annotation>
            <xsd:documentation>Root element of Capability request</xsd:documentation>
          </xsd:annotation>
          <xsd:complexType>
            <xsd:sequence>
              <xsd:element name="Request" type="dhl:Request" />
              <xsd:element name="From" type="dct:DCTFrom" minOccurs="1" />
              <xsd:element name="BkgDetails" minOccurs="1" type="dct:BkgDetailsType" />
              <xsd:element name="To" minOccurs="1" type="dct:DCTTo" />
              <xsd:element name="Dutiable" minOccurs="0" type="dct:DCTDutiable" />
              <xsd:element name="GenReq" minOccurs="0" type="dct:GenReq" />
              <xsd:element name="RequestValueAddedServicesAndRuleGroups" type="dhl:YesNo"
minOccurs="0"/>
              <xsd:element name="StrictValidation" type="dhl:YesNo" minOccurs="0"/>
              <xsd:element name="RequestEstimatedDeliveryDate" type="dhl:YesNo" minOccurs="0">
              <xsd:element name="EstimatedDeliveryDateType" type="dct:EDDType" minOccurs="0">
            </xsd:sequence>
          </xsd:complexType>
        </xsd:element>
        <xsd:element name="GetCapability">
          <xsd:annotation>
            <xsd:documentation>Root element of Capability request</xsd:documentation>
          </xsd:annotation>
          <xsd:complexType>
```



```

<xsd:sequence>
  <xsd:element name="Request" type="dhl:Request" />
  <xsd:element name="From" type="dct:DCTFrom" minOccurs="1" />
  <xsd:element name="BkgDetails" minOccurs="1" type="dct:BkgDetailsType" />
  <xsd:element name="To" minOccurs="1" type="dct:DCTTo" />
  <xsd:element name="Dutiable" minOccurs="0" type="dct:DCTDutiable" />
  <xsd:element name="GenReq" minOccurs="0" type="dct:GenReq" />
  <xsd:element name="RequestValueAddedServicesAndRuleGroups" type="dhl:YesNo"
minOccurs="0"/>
  <xsd:element name="StrictValidation" type="dhl:YesNo" minOccurs="0"/>
  <xsd:element name="RequestEstimatedDeliveryDate" type="dhl:YesNo" minOccurs="0">
  <xsd:element name="EstimatedDeliveryDateType" type="dct:EDDType" minOccurs="0">
</xsd:sequence>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
</xsd:choice>
</xsd:sequence>
<xsd:attribute name="schemaVersion" type="xsd:decimal" use="required" fixed="3.0" />
</xsd:complexType>
</xsd:element>
</xsd:schema>

```

### Capability and Quote service Request Data Element Definitions

The following table describes the data elements found in the Capability and Quote service Request :

Element Name	Datatype/Format	Req	Definition	Valid Values
DCTRequest	xsd:complexType	M	Identifies the capability request type	
GetQuote	xsd:complexType	M	Capability request type of GetQuote to retrieve the capabilities and price information based on the list of products.	
GetCapability	xsd:complexType	M	Capability request type of GetCapability to retrieve the capabilities information based on the list of products.	

### GetQuote and GetCapability Request Data Element Definitions

The following table describes the data elements found in the GetQuote and GetCapability request schema:

Element Name	Datatype/Format	Req	Definition	Valid Values
Request	dhl:Request	M	Identifies the message as a request message	
From	dct:DCTFrom	M	Origin address of the shipment	
BkgDetails	dct:BkgDetailsType	M	Details of the shipment	



To	dct:DCTTo	M	Destination address of the shipment	
Dutiable	dct:DCTDutiable	O	<p>For international shipments, information that defines the types of duties to be levied. Domestic shipments are considered Non-dutiable or Doc.</p>	<p>Non-dutiable or Doc: These are shipments with no monetary value and are known as documents or general correspondence.</p> <p>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/region.</p> <p>Please work with your DHL representative if you have questions about shipment dutiable status.</p>



Element Name	Datatype/Format	Req	Definition	Valid Values
GenReq	dct:GenReq	0	Supports generic request criteria.	Supported request criteria: OSINFO - find all valid product and service combinations NXTPU - if pickup is not possible on requested pickup day, find next possible pickup FCNTWTYCD - To specify facility network type CUSTAGRIND - customer agreement indicator for product and services VLDTRT_DD - validate ready time against pickup window start on DDI products
RequestServicesAndRuleGroups	dhl:YesNo	0	When the value is "Y" all the additional services available for the product selected will be returned plus all the additional services rule groups to be adhered to for the product selected will be returned.	Y: Yes N: No (Default)
StrictValidation	dhl:YesNo	0	Accepting values Y or N, will be used to indicate strict DCT validation of address details, and any products and services provided in request.	Y: Yes N: No (Default)
RequestEstimatedDeliveryDate	dhl:YesNo	0	To request for an estimated delivery date (EDD) in the shipment response.	Y: Yes (Default) N: No
EstimatedDeliveryDateType	dct:EDDType	0	To indicate the type of Estimated Delivery Date to be returned in the shipment response.	QDDF: is the fastest ("docs") transit time as quoted to the customer at booking or shipment creation. (Default) QDDC: constitutes DHL's service commitment as quoted at booking/shipment creation.



### 3.1 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 ServiceHeader.

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

#### 3.1.1 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"
minOccurs="0">
    <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>
```

#### ServiceHeader Element Definitions

The following table describes the data elements found in the ServiceHeader schema:

Element Name	Datatype/Format	Req	Definition	Valid Values
MessageTime	xsd:dateTime	0	Identifies the message time. It is a mandatory field in request message	
MessageReference	MessageReference	0	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 request message.	

### 3.1.1.1 MessageTime Element

The Message Time element contains the time at which the message was send by the requestor. The format should be in YYYY-MM-DDThh:mm:ss.sTZD where: -

YYYY = four-digit year

MM = two-digit month (01=January, etc.)

DD = two-digit day of month (01 through 31)

hh = two digits of hour (00 through 23) (am/pm NOT allowed)

mm = two digits of minute (00 through 59)

ss = two digits of second (00 through 59)

s = one or more digits representing a decimal fraction of a second

TZD = time zone designator (Z or +hh:mm or -hh:mm)

e.g. 2002-12-02T13:23:18.123-07:00

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

### 3.1.1.2 Message Reference Element

The Message Reference element contains the 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.

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

### 3.1.1.3 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="12"/>
    </xsd:restriction>
</xsd:simpleType>

```

### 3.1.1.4 Password Element

The password 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="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>

```

### 3.1.2 MetaData Element

The Metadata element is used to identify the software name and software version used by customer or third party vendor. It is mandatory field.

```

<xsd:complexType name="MetaData">
    <xsd:annotation>
        <xsd:documentation>MetaData header</xsd:documentation>
    </xsd:annotation>
    <xsd:sequence>
        <xsd:element name="SoftwareName">
            <xsd:simpleType>
                <xsd:restriction base="xsd:string">
                    <xsd:maxLength value="30" />
                </xsd:restriction>
            </xsd:simpleType>
        </xsd:element>
        <xsd:element name="SoftwareVersion">
            <xsd:simpleType>
                <xsd:restriction base="xsd:string">
                    <xsd:maxLength value="10" />
                </xsd:restriction>
            </xsd:simpleType>
        </xsd:element>
    </xsd:sequence>
</xsd:complexType>

```

Element Name	Datatype/Format	Req	Definition	Valid Values
Software Name	xsd:string	M	Identifies the software name. Max length: 30 characters	Eg. Application Name
Software Version	xsd:string	M	Identifies the software version.	Eg. Application Version



			Max length: 10 characters	Number
--	--	--	---------------------------	--------





### 3.2.2.1 Software Name

The Software Name element is used to identify the software name used by customer or third party vendor. It is mandatory field.

```
<xsd:element name="SoftwareName">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="30" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

### 3.2.2.2 Software Version

The Software Version element is used to identify the software version used by customer or third party vendor. It is mandatory field.

```
<xsd:element name="SoftwareVersion">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="10" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

## 3.2 From Element

From element is used to identify the origin address of the shipment.

```
<xsd:element name="From" type="dct:DCTFrom" minOccurs="1" />
```

### 3.2.1 DCTFrom Element

```
<xsd:complexType name="DCTFrom">
  <xsd:sequence>
    <xsd:element name="CountryCode" minOccurs="1">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:length value="2" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="Postalcode" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="12" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="City" minOccurs="0">
```



```

<xsd:simpleType>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="45" />
  </xsd:restriction>
</xsd:simpleType>
</xsd:element>
<xsd:element name="Suburb" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="45" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>

```

## DCTFrom Element Definitions

The following table describes the data elements found in the DCTFrom schema:

Element Name	Datatype/Format	Req	Definition	Valid Values
CountryCode	xsd:string	M	Origin Country/Region Code	Please refer to the Reference Data (DHL Country/Region).
Postalcode	xsd:string	O	Origin Postal code	<= 12 characters. Required for countries with postcodes and in correct format. Please refer to the Reference Data (DHL Country/Region – Postcode format).
City	xsd:string	O	Origin city	<= 45 characters. Although not required, City name will provide more accurate information for larger postcodes with multiple cities.
Suburb	xsd:string	O	Origin suburb	<= 45 characters. Required for countries where DHL has suburb level capability variation. Please refer to the Reference Data (DHL Country/Region).

### 3.2.1.1 CountryCode Element

The CountryCode element contains the country/region code of the origin address.

```

<xsd:element name="CountryCode" minOccurs="1">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="2" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>

```

### 3.2.1.2 Postalcode Element

The Postalcode element contains the postal code of the origin address. It is required for



countries with postcodes and in correct format. Please refer to the Reference Data (DHL Country/Region) – Postcode format.

```
<xsd:element name="Postalcode" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="12" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

### 3.2.1.3 City Element

The City element contains the city of the origin address.

```
<xsd:element name="City" minOccurs="0">
<xsd:simpleType>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="45" />
  </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.

### 3.2.1.4 Suburb Element

The Suburb element contains the suburb of the origin address.

```
<xsd:element name="Suburb" minOccurs="0">
<xsd:simpleType>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="45" />
  </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.

## 3.3 BkgDetails Element

BkgDetails element is used to identify the shipment related information.

```
<xsd:element name="BkgDetails" minOccurs="1" type="dct:BkgDetailsType" />

<xsd:complexType name="BkgDetailsType">
  <xsd:sequence>
    <xsd:element name="PaymentCountryCode" minOccurs="1">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:length value="2" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```



```

        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="Date" minOccurs="1">
    <xsd:simpleType>
        <xsd:restriction base="xsd:date" />
    </xsd:simpleType>
</xsd:element>
<xsd:element name="ReadyTime">
    <xsd:simpleType>
    <xsd:annotation>
        <xsd:documentation> Time in hours and minutes (PTnHnM) </xsd:documentation>
    </xsd:annotation>
    <xsd:restriction base="xsd:duration" />
    </xsd:simpleType>
</xsd:element>
<xsd:element name="ReadyTimeGMTOffset" minOccurs="0">
    <xsd:simpleType>
    <xsd:annotation>
        <xsd:documentation>Time in hours and minutes (HH:MM) </xsd:documentation>
    </xsd:annotation>
    <xsd:restriction base="xsd:string">
        <xsd:minLength value="0"></xsd:minLength>
        <xsd:maxLength value="6"></xsd:maxLength>
    </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="DimensionUnit" minOccurs="1">
    <xsd:simpleType>
    <xsd:annotation>
        <xsd:documentation>Dimension Unit I (inches);Centimeters (CM) </xsd:documentation>
    </xsd:annotation>
    <xsd:restriction base="xsd:string">
        <xsd:enumeration value="IN" />
        <xsd:enumeration value="CM" />
        <xsd:maxLength value="3"></xsd:maxLength>
    </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="WeightUnit" minOccurs="1">
    <xsd:simpleType>
    <xsd:annotation>
        <xsd:documentation>Kilogram (KG),Pounds (LB) </xsd:documentation>
    </xsd:annotation>
    <xsd:restriction base="xsd:string">
        <xsd:enumeration value="KG" />
        <xsd:enumeration value="LB" />
        <xsd:maxLength value="3"></xsd:maxLength>
    </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="NumberOfPieces" minOccurs="0" maxOccurs="999">
    <xsd:simpleType>
        <xsd:restriction base="xsd:positiveInteger">
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="ShipmentWeight" minOccurs="0">
    <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
            <xsd:totalDigits value="15"/>
            <xsd:fractionDigits value="3"/>
        </xsd:restriction>
    </xsd:simpleType>

```



```

        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="Volume" minOccurs="0">
    <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
            <xsd:totalDigits value="15"/>
            <xsd:fractionDigits value="3"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="MaxPieceWeight" minOccurs="0">
    <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
            <xsd:totalDigits value="15"/>
            <xsd:fractionDigits value="3"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="MaxPieceHeight" minOccurs="0">
    <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
            <xsd:totalDigits value="10"/>
            <xsd:fractionDigits value="3"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="MaxPieceDepth" minOccurs="0">
    <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
            <xsd:totalDigits value="10"/>
            <xsd:fractionDigits value="3"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="MaxPieceWidth" minOccurs="0">
    <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
            <xsd:totalDigits value="10"/>
            <xsd:fractionDigits value="3"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="Pieces" minOccurs="0">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="Piece" type="PieceType" maxOccurs="999" minOccurs="1"/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="PaymentAccountNumber" minOccurs="0">
    <xsd:simpleType>
        <xsd:restriction base="xsd:string">
            <xsd:maxLength value="12"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="IsDutiable" minOccurs="0">
    <xsd:simpleType>
        <xsd:annotation>
            <xsd:documentation>Y - Dutiable/Non-Doc, N -Non-dutiable/Doc</xsd:documentation>
        </xsd:annotation>
    </xsd:simpleType>

```



```

</xsd:annotation>
    <xsd:restriction base="xsd:string">
        <xsd:length value="1" />
        <xsd:enumeration value="Y" />
        <xsd:enumeration value="N" />
    </xsd:restriction>
</xsd:simpleType>
</xsd:element>
<xsd:element name="NetworkTypeCode" minOccurs="0">
<xsd:simpleType>
    <xsd:restriction base="xsd:string">
        <xsd:length value="2" />
        <xsd:enumeration value="DD" />
        <xsd:enumeration value="TD" />
        <xsd:enumeration value="AL" />
    </xsd:restriction>
</xsd:simpleType>
</xsd:element>
<xsd:element name="QtyShp" minOccurs="0" maxOccurs="unbounded" type="QtyShpType" />
<xsd:element name="InsuredValue" minOccurs="0">
<xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
        <xsd:totalDigits value="18"/>
        <xsd:fractionDigits value="3"/>
    </xsd:restriction>
</xsd:simpleType>
</xsd:element>
<xsd:element name="InsuredCurrency" minOccurs="0">
<xsd:simpleType>
    <xsd:restriction base="xsd:string">
        <xsd:length value="3"/>
    </xsd:restriction>
</xsd:element>
<xsd:element name="PaymentType" minOccurs="0">
<xsd:annotation>
    <xsd:documentation>Payment type - by method of payment ( DHL account)</xsd:documentation>
</xsd:annotation>
<xsd:simpleType>
    <xsd:restriction base="xsd:string">
        <xsd:enumeration value="D" />
    </xsd:restriction>
</xsd:simpleType>
</xsd:element>
<xsd:element name="AcctPickupCloseTime" minOccurs="0">
<xsd:annotation>
    <xsd:documentation>Account's Pickup Close Time to be retrieved from GCDB or
    specified by customer</xsd:documentation>
</xsd:annotation>
<xsd:simpleType>
    <xsd:restriction base="xsd:dateTime"/>
</xsd:simpleType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:sequence>
</xsd:complexType>

```

## BkgDetailsType Element Definitions

The following table describes the data elements found in the BkgDetailsType schema:



Element Name	Datatype/Format	Req	Definition	Valid Values
PaymentCountryCode	xsd:string	M	Payment Country/Region Code	Please refer to the Reference Data (DHL Country/Region). Note: This element is based off of the billing account number being used for the country/region that the account belongs to.
Date	xsd:date	M	Shipment Date	
ReadyTime	xsd:duration	M	Time when the shipment can be picked up. Used to calculate the available capabilities and do a next day skip if all pickup times have passed for the requested day.	P indicates the period (required) T indicates the start of a time section nH indicates the number of hours nM indicates the number of minutes  Eg. PT10H21M
ReadyTimeGMTOffset	xsd:string	O	Ready time GMT Offset. This attribute is not used.	+/- (HH:MM)
DimensionUnit	xsd:string	M	Dimension unit of measurement	IN (Inches) CM (Centimetres)
WeightUnit	xsd:string	M	Weight unit of measurement	KG (Kilograms) LB (Pounds)
NumberOfPieces	xsd:positiveInteger	O	Number of pieces. Required when no piece details are given.	<= 999
ShipmentWeight	xsd:decimal	O	Total shipment weight. Required when no piece details are given.	Decimal (15,3)
Volume	xsd:decimal	O	Total volume (LxWxH) for the shipment. For multi-piece shipment please add volumes of individual pieces. Volumetric weight will be calculated using this Volume.	Decimal (15,3)



Element Name	Datatype/Format	Req	Definition	Valid Values
MaxPieceWeight	xsd:decimal	O	If no piece detgails are given, the weight of the heaviest piece should be provided in order to check restrictions.	Decimal (15,3)
MaxPieceHeight	xsd:decimal	O	If piece details are not provide then this column can contain the longest height (longest side) for a piece in order to check the restrictions.	Decimal (10,3)
MaxPieceDepth	xsd:decimal	O	If piece details are not provided then this column can contain the longest height (longest side) for a piece in order to check the restrictions.	Decimal (10,3)
MaxPieceWidth	xsd:decimal	O	If piece details are not provided then this column can contain the longest width (longest smallest side) or diameter for a piece in order to check the restrictions.	Decimal (10,3)
Pieces	PieceType	O	Pieces segment when individual pieces are specified to get accurate dimensional weight and apply all the weight/dimension restrictions.	
PaymentAccountNumber	xsd:string	O	Payment Account Number. Note that payment account number must belong to the country/region with PaymentCountryCode above	<=12 characters
IsDutiable	xsd:string	M	Dutiable flag	Y – Dutiable/Non-Doc





				N – Non-Dutiable/Doc
--	--	--	--	----------------------



Element Name	Datatype/Format	Req	Definition	Valid Values
NetworkTypeCode	xsd:string	O	Network type code Note: blank value or missing node will only return TD products from EU and both TD & DD products from AP and AM countries.	AL – Both Time and Day Definite DD – Day Definite TD – Time Definite
QtdShp	QtdShpType	O	Shipment and Product related information	
InsuredValue	xsd:decimal	O	Insurance amount	Decimal(18,3)
InsuredCurrency	xsd:string	O	Insurance currency code	Please refer to the Reference Data (DHL Country/Region).
PaymentType	xsd:string	O	Method of payment ( DHL account)	D=DHL Account
AcctPickupCloseTime	xsd:dateTime	O	Account's Pickup Close Time to be retrieved from GCDB or specified by customer	

### 3.3.1 PaymentCountryCode Element

The PaymentCountryCode element contains the country/region of payment.

```
<xsd:element name="PaymentCountryCode" minOccurs="1">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="2" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

### 3.3.2 Date Element

The Date element contains the pickup date of the shipment. If the pu date is holiday, or weekend and in TTS is not set pu capability, DCT can't offer pickup on that date. PU date is shifted just in case the ready by time is after cut off time.

Note: This is only applicable to GetCapability service.

```
<xsd:element name="Date" minOccurs="1">
  <xsd:simpleType>
    <xsd:restriction base="xsd:date" />
  </xsd:simpleType>
</xsd:element>
```



### 3.3.3 ReadyTime Element

The ReadyTime element contains the time when the shipment can be picked up.

Note: This is only applicable to GetCapability service.

```
<xsd:element name="ReadyTime">
  <xsd:simpleType>
    <xsd:annotation>
      <xsd:documentation> Time in hours and minutes (PTnHnM) </xsd:documentation>
    </xsd:annotation>
    <xsd:restriction base="xsd:duration"/>
  </xsd:simpleType>
</xsd:element>
```

### 3.3.4 ReadyTimeGMTOffset Element

The ReadyTimeGMTOffset element contains the shipment pickup ready time GMT Offset.

Note: This is only applicable to GetCapability service.

```
<xsd:element name="ReadyTimeGMTOffset" minOccurs="0">
  <xsd:simpleType>
    <xsd:annotation>
      <xsd:documentation>Time in hours and minutes (HH:MM) </xsd:documentation>
    </xsd:annotation>
    <xsd:restriction base="xsd:string">
      <xsd:minLength value="0"/></xsd:minLength>
      <xsd:maxLength value="6"/></xsd:maxLength>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

### 3.3.5 DimensionUnit Element

The DimensionUnit element contains the unit of measurement for the piece element.

```
<xsd:element name="DimensionUnit" minOccurs="1">
  <xsd:simpleType>
    <xsd:annotation>
      <xsd:documentation>Dimension Unit IN(inches);Centimeters (CM) </xsd:documentation>
    </xsd:annotation>
    <xsd:restriction base="xsd:string">
      <xsd:enumeration value="IN" />
      <xsd:enumeration value="CM" />
      <xsd:maxLength value="3"/></xsd:maxLength>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

### 3.3.6 WeightUnit Element

The WeightUnit element contains the unit measurement for the shipment weight.

```
<xsd:element name="WeightUnit" minOccurs="1">
```



```

<xsd:simpleType>
  <xsd:annotation>
    <xsd:documentation>Kilogram (KG),Pounds (LB)</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="KG" />
    <xsd:enumeration value="LB" />
    <xsd:maxLength value="3"></xsd:maxLength>
  </xsd:restriction>
</xsd:simpleType>
</xsd:element>

```

### 3.3.7 NumberOfPieces Element

The NumberOfPieces element contains the total number of pieces for the shipment.

```

<xsd:element name="NumberOfPieces" minOccurs="0" maxOccurs="999">
  <xsd:simpleType>
    <xsd:restriction base="xsd:positiveInteger">
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>

```

### 3.3.8 ShipmentWeight Element

The ShipmentWeight element contains the total weight for the shipment.

```

<xsd:element name="ShipmentWeight" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="15"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>

```

### 3.3.9 Volume Element

The Volume element contains the total volume (Length \* Width \* Height) for the shipment. For multi piece shipment, specify the volumes of individual pieces. Volumetric weight will be calculated by DCT using this Volume.

```

<xsd:element name="Volume" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="15"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>

```

#### 3.3.10 MaxPieceWeight Element

The MaxPieceWeight element contains the maximum piece weight. If no piece details are given, the weight of the heaviest piece should be provided in order to check the restrictions.



```
<xsd:element name="MaxPieceWeight" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="15"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

### 3.3.11 MaxPieceHeight Element

The MaxPieceHeight element contains the maximum piece height. If no piece details are provided, this field value contains the longest height available for a piece in order to check the restrictions.

```
<xsd:element name="MaxPieceHeight" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="10"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

### 3.3.12 MaxPieceDepth Element

The MaxPieceDepth element contains the maximum piece depth or length. If no piece details are provided, this field value contains the longest length available for a piece in order to check the restrictions.

```
<xsd:element name="MaxPieceDepth" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="10"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

### 3.3.13 MaxPieceWidth Element

The MaxPieceWidth element contains the maximum piece width. If no piece details are provided, this field value contains the longest width available or diameter for a piece in order to check the restrictions.

```
<xsd:element name="MaxPieceWidth" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="10"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```



### 3.3.14 Pieces Element

The Pieces element contains each individual pieces information which preferable to get more accurate dimensional weight and apply all the weight or dimension restrictions.

```
<<xsd:element name="Pieces" minOccurs="0">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="Piece" type="PieceType" maxOccurs="999" minOccurs="1">
        </xsd:element>
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
```

#### 3.3.14.1 PieceType Element

```
<xsd:complexType name="PieceType">
  <xsd:sequence>
    <xsd:element name="PieceID" minOccurs="1">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:pattern value="[0-9]+"></xsd:pattern>
          <xsd:length value="35" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="PackageTypeCode" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:length value="3" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="Height" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation>required if width and depth are specified</xsd:documentation>
      </xsd:annotation>
      <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
          <xsd:totalDigits value="10" />
          <xsd:fractionDigits value="3" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="Depth" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation>required if width and height are specified</xsd:documentation>
      </xsd:annotation>
      <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
          <xsd:totalDigits value="10" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
```



```

        <xsd:fractionDigits value="3"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  <xsd:element name="Width" minOccurs="0">
    <xsd:annotation>
      <xsd:documentation>required if height and depth are specified</xsd:documentation>
    </xsd:annotation>
    <xsd:simpleType>
      <xsd:restriction base="xsd:decimal">
        <xsd:totalDigits value="10"/>
        <xsd:fractionDigits value="3"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  <xsd:element name="Weight" minOccurs="1">
    <xsd:simpleType>
      <xsd:restriction base="xsd:decimal">
        <xsd:totalDigits value="15"/>
        <xsd:fractionDigits value="3"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
</xsd:sequence>
</xsd:complexType>

```

### PieceType Element Definitions

The following table describes the data elements found in the PieceType schema:

Element Name	Datatype/Format	Req	Definition	Valid Values
PieceID	xsd:string	O	Piece sequence number. Required if piece details are being provided.	Note: only Integer values are supported in this field.
PackageTypeCode	xsd:string	O	DHL packaging type code	For valid values, refer to < Global Package Type Code> tab sheet in Reference_Data.xlsx.
Height	xsd:decimal	O	Piece height. Required if width and depth are specified	Decimal(10,3)
Depth	xsd:decimal	O	Piece length or depth. Required if height and width are specified.	Decimal(10,3)
Width	xsd:decimal	O	Piece width. Required if height and depth are specified.	Decimal(10,3)



Element Name	Datatype/Format	Req	Definition	Valid Values
Weight	xsd:decimal	0	Piece Weight. Required if piece details are being provided.	Decimal(15,3)





#### 3.3.14.1.1 PieceID Element

The PieceID element contains the piece sequence number. Maximum length is 35 characters and only the value must be an integer.

```
<xsd:element name="PieceID" minOccurs="1">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:pattern value="[0-9]+" />
      <xsd:length value="35" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 3.3.14.1.2 PackageTypeCode Element

The PackageTypeCode element contains the DHL packaging type code.  
For valid values, refer to < Global Package Type Code> tab sheet in Reference\_Data.xlsx.

```
<xsd:element name="PackageTypeCode" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="3" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 3.3.14.1.3 Height Element

The Height element contains the height of the piece.

```
<xsd:element name="Height" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation>required if width and depth are specified</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="10"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 3.3.14.1.4 Depth Element

The Depth element contains the depth or length of the piece.

```
<xsd:element name="Depth" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation>required if width and height are specified</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="10"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```



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

### 3.3.14.1.5 Width Element

The Width element contains the width or diameter of the piece.

```
<xsd:element name="Width" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation>required if height and depth are specified</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="10"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

### 3.3.14.1.6 Weight Element

The Weight element contains the weight of the piece.

```
<xsd:element name="Weight" minOccurs="1" >
<xsd:simpleType>
  <xsd:restriction base="xsd:decimal">
    <xsd:totalDigits value="15"/>
    <xsd:fractionDigits value="3"/>
  </xsd:restriction>
</xsd:simpleType>
</xsd:element>
```

### 3.3.15 PaymentAccountNumber Element

The PaymentAccountNumber element contains the payer account number.

```
<xsd:element name="PaymentAccountNumber" minOccurs="0">
<xsd:simpleType>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="12"/></xsd:maxLength>
  </xsd:restriction>
</xsd:simpleType>
</xsd:element>
```

### 3.3.16 IsDutiable Element

The IsDutiable element indicates whether the shipment is dutiable or not.

```
<xsd:element name="IsDutiable" minOccurs="0">
<xsd:simpleType>
  <xsd:annotation>
    <xsd:documentation>Y - Dutiable/Non-Doc, N -Non-dutiable/Doc</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1" />
    <xsd:enumeration value="Y" />
  </xsd:restriction>
</xsd:simpleType>
</xsd:element>
```



```

        <xsd:enumeration value="N" />
    </xsd:restriction>
</xsd:simpleType>
</xsd:element>

```

### 3.3.17 NetworkTypeCode Element

The NetworkTypeCode element indicates the product belongs to the Day Definite (DD) or Time Definite (TD) network.

Note: blank value or missing node will only return TD products from EU and both TD & DD products from AP and AM countries.

```

<xsd:element name="NetworkTypeCode" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="2" />
      <xsd:enumeration value="DD" />
      <xsd:enumeration value="TD" />
      <xsd:enumeration value="AL" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>

```

### 3.3.18 QtdShp Element

The QtdShp element contains the details of the shipment.

```

<xsd:element name="QtdShp" minOccurs="0" maxOccurs="unbounded" type="QtdShpType" />

```

#### 3.3.18.1 QtdShpType Element

```

<xsd:complexType name="QtdShpType">
  <xsd:sequence>
    <xsd:element name="GlobalProductCode" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:pattern value="[A-Z0-9]+" />
          <xsd:minLength value="0" />
          <xsd:maxLength value="6" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="LocalProductCode" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:minLength value="0" />
          <xsd:maxLength value="6" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="QtdShpExChrg" minOccurs="0" maxOccurs="unbounded" type="QtdShpExChrgType">
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>

```



**QtdShpType Element Definitions**

The following table describes the data elements found in the QtdShpType schema:



Element Name	Datatype/Format	Req	Definition	Valid Values
GlobalProductCode	xsd:string	0	Global Product Code	A to Z and 0 to 9. Please refer to the Reference Data and use appropriate Global codes.
LocalProductCode	xsd:string	0	Local Product Code	Use appropriate Local codes enabled for the country/region.
QtyShpExChrg	QtyShpExChrgType	0	Request price or check availability of available Services.	

### 3.3.18.1.1 GlobalProductCode Element

The GlobalProductCode element is the global product code for the shipment. 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/region.

```
<xsd:element name="GlobalProductCode" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:pattern value="[A-Z0-9]+"></xsd:pattern>
      <xsd:minLength value="0"></xsd:minLength>
      <xsd:maxLength value="6"></xsd:maxLength>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

### 3.3.18.1.2 LocalProductCode Element

The LocalProductCode element is the country/region billing product code for the shipment.

```
<xsd:element name="LocalProductCode" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:minLength value="0"></xsd:minLength>
      <xsd:maxLength value="6"></xsd:maxLength>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

### 3.3.18.1.3 QtyShpExChrg Element

The QtyShpExChrg element contains the optional services information associate with the product for the shipment.

Note: This is only applicable to GetQuote service.

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



### 3.3.18.1.3.1 QtdShpExChrgType Element

```

<xsd:complexType name="QtdShpExChrgType">
  <xsd:sequence>
    <xsd:element name="SpecialServiceType" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="6"/></xsd:maxLength>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="LocalSpecialServiceType" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="3"/></xsd:maxLength>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>

```

### QtdShpChrgType Element Definitions

The following table describes the data elements found in the QtdShpChrgType schema:

Element Name	Datatype/Format	Req	Definition	Valid Values
SpecialServiceType	xsd:string	O	Global Charge Code for service	<= 6 characters Use 'OSINFO' to get complete list of available Optional services (XCH) and possible Surcharge (SCH) and Fees (FEE).
LocalSpecialServiceType	xsd:string	O	Local Charge Code for service	Charge codes mapping change by country/region hence only use the charge codes as returned by Capability service.

#### 3.3.18.1.3.1.1 SpecialServiceType Element

The SpecialServiceType element is the global charge code of the service for the shipment.

Note: This is only applicable to GetQuote service.

```

<xsd:element name="SpecialServiceType" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="6"/></xsd:maxLength>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>

```

#### 3.3.18.1.3.1.2 LocalSpecialServiceType Element



The LocalSpecialServiceType element is the local charge code of the service for the shipment. Charge codes mapping change by country/region hence only use the charge codes as returned by Capability service.

Note: This is only applicable to GetQuote service.

```
<xsd:element name="LocalSpecialServiceType" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="3"/></xsd:maxLength>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

### 3.3.19 InsuredValue Element

The InsuredValue element contains the Insurance amount.

Note: This is only applicable to GetQuote service.

```
<xsd:element name="InsuredValue" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="18"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

### 3.3.20 InsuredCurrency Element

The InsuredCurrency element contains the currency code of Insurance amount. Please refer to the Reference Data (DHL Country/Region) for currency codes.

Note: This is only applicable to GetQuote service.

```
<xsd:element name="InsuredCurrency" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="3"/></xsd:length>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

### 3.3.21 PaymentType Element

The PaymentType element contains the type of payment used for the shipment. It is an optional field. Payment type is only by DHL Account.

```
<xsd:element name="PaymentType" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation>Payment type - by method of payment ( DHL account)</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
```



```

        <xsd:enumeration value="D" />
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>

```

### 3.3.22 AcctPickupCloseTime Element

The AcctPickupCloseTime element contains the accounts pickup close time. Accounts pickup close time to be retrieved from GCDB or specified by customer. It is an optional field.

```

<xsd:element name="AcctPickupCloseTime" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation>Account's Pickup Close Time to be retrieved from GCDB or specified by customer
  </xsd:documentation>
</xsd:annotation>
  <xsd:simpleType>
    <xsd:restriction base="xsd:dateTime"/>
  </xsd:simpleType>
</xsd:element>

```

## 3.4 To Element

To element is used to identify the destination address of the shipment.

```

<xsd:element name="To" minOccurs="1" type="dct:DCTTo" />

```

### 3.4.1 DCTTo Element

```

<xsd:complexType name="DCTTo">
  <xsd:sequence>
    <xsd:element name="CountryCode" minOccurs="1">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:length value="2" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="Postalcode" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="12" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="City" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="45" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="Suburb" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="45" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>

```





```
</xsd:restriction>  
</xsd:simpleType>  
</xsd:element>  
</xsd:sequence>  
</xsd:complexType>
```

### **DCTTo Element Definitions**

The following table describes the data elements found in the DCTTo schema:



Element Name	Datatype/Format	Req	Definition	Valid Values
CountryCode	xsd:string	M	Destination Country/Region Code	Please refer to the Reference Data (DHL Country/Region).
Postalcode	xsd:string	O/M	Destination Postal code	<= 12 characters. Required for countries with postcodes and in correct format. Please refer to the Reference Data (DHL Country/Region – Postcode format).
City	xsd:string	C	Destination city	<= 45 characters. City is required for some countries, please check Reference Data. City name will provide more accurate information for larger postcodes with multiple cities.
Suburb	xsd:string	O	Destination suburb	<= 45 characters. Required for countries where DHL has suburb level capability variation. Please refer to the Reference Data (DHL Country/Region).

### 3.4.1.1 CountryCode Element

The CountryCode element contains the country/region code of the destination address.

```
<xsd:element name="CountryCode" minOccurs="1">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="2" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

### 3.4.1.2 Postalcode Element

The Postalcode element contains the postal code of the destination address. It is required for countries with postcodes and in correct format. Please refer to the Reference Data (DHL Country/Region – Postcode format).

```
<xsd:element name="Postalcode" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="12" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

### 3.4.1.3 City Element

The City element contains the city of the destination address.

```
<xsd:element name="City" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="45" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```



```

    </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.

#### 3.4.1.4 Suburb Element

The Suburb element contains the suburb of the destination address.

```

<xsd:element name="Suburb" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="45" />
    </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.

### 3.5 Dutiable Element

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

```
<xsd:element name="Dutiable" minOccurs="0" type="dct:DCTDutiable"
```

#### 3.5.1 DCTDutiable Element

```

<xsd:complexType name="DCTDutiable">
  <xsd:sequence>
    <xsd:element name="DeclaredCurrency" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:length value="3" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="DeclaredValue" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:float">
          <xsd:minInclusive value="0.000" />
          <xsd:maxInclusive value="9999999999999999.999" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>

```

#### DCTDutiable Element Definitions

The following table describes the data elements found in the DCTDutiable schema:



Element Name	Datatype/Format	Req	Definition	Valid Values
DeclaredCurrency	xsd:string	O	DHL currency code (Required if declared value is given.)	Please refer to the Reference Data (DHL Country/Region).
DeclaredValue	xsd:float	O	Declared value. It is required for non-doc or dutiable products. Please refer to Reference Data (Global Product Codes).	

### 3.5.1.1 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/Region) for Currency Code.

```
<xsd:element name="DeclaredCurrency" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="3" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

### 3.5.1.2 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" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:float">
      <xsd:minInclusive value="0.000" />
      <xsd:maxInclusive value="9999999999999999.999" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

## 3.6 Generic Request Element

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

### 3.6.1 GenReq Element

```
<xsd:complexType name="GenReq">
  <xsd:sequence>
    <xsd:element name="OSINFO" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:length value="1" />
          <xsd:enumeration value="Y" />
          <xsd:enumeration value="N" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:sequence>
  </xsd:complexType>
```



```

</xsd:element>
<xsd:element name="NXTPU" minOccurs="0">
<xsd:simpleType>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1" />
    <xsd:enumeration value="Y" />
    <xsd:enumeration value="N" />
  </xsd:restriction>
</xsd:simpleType>
</xsd:element>
<xsd:element name="FCNTWTYCD" minOccurs="0">
<xsd:simpleType>
  <xsd:restriction base="xsd:string">
    <xsd:length value="2" />
    <xsd:enumeration value="DD" />
    <xsd:enumeration value="TD" />
    <xsd:enumeration value="AL" />
  </xsd:restriction>
</xsd:simpleType>
</xsd:element>
<xsd:element name="CUSTAGRIND" minOccurs="0">
<xsd:simpleType>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1" />
    <xsd:enumeration value="Y" />
    <xsd:enumeration value="N" />
  </xsd:restriction>
</xsd:simpleType>
</xsd:element>
<xsd:element name="VLDTRT_DD" minOccurs="0">
<xsd:simpleType>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1" />
    <xsd:enumeration value="Y" />
    <xsd:enumeration value="N" />
  </xsd:restriction>
</xsd:simpleType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>

```

## GenReq Element Definitions

The following table describes the data elements found in the GenReq schema:

Element Name	Datatype/Format	Req	Definition	Valid Values
OSINFO	xsd:string	O	It finds all valid product and service combinations.	Y: Yes N: No
NXTPU	xsd:string	O	If pickup isn't possible on requested pickup day. It finds next possible pickup.	Y: Yes N: No
FCNTWTYCD	xsd:string	O	It specifies the facility network code.	DD TD AL
CUSTAGRIND	xsd:string	O	Specifies customer agreement indicator for product and services.	Y: Yes N: No
VLDTRT_DD	xsd:string	O	Specifies whether the validation is required	Y: Yes



			on ready time against the pickup window start time on DDI product	N: No
--	--	--	--	-------

### 3.6.1.1 OSINFO Element

The OSINFO element finds all valid product and service combinations. If not provided the default value is N.

```
<xsd:element name="OSINFO" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="1" />
      <xsd:enumeration value="Y" />
      <xsd:enumeration value="N" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

### 3.6.1.2 NXTPU Element

The NXTPU element finds the next pickup day if pickup isn't possible on requested pickup day. If not provided the default value is N.

```
<xsd:element name="NXTPU" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="1" />
      <xsd:enumeration value="Y" />
      <xsd:enumeration value="N" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

### 3.6.1.2 FCNTWTYCD Element

The FCNTWTYCD element specifies the facility network code. If not provided the default value is AL.

```
<xsd:element name="FCNTWTYCD" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="2" />
      <xsd:enumeration value="DD" />
      <xsd:enumeration value="TD" />
      <xsd:enumeration value="AL" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

### 3.6.1.2 CUSTAGRIND Element



The CUSTAGRIND element specifies customer agreement indicator for product and services. If not provided, DCT will not validate product or service' customer agreement indicator.

```
<xsd:element name="CUSTAGRIND" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="1" />
      <xsd:enumeration value="Y" />
      <xsd:enumeration value="N" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

### 3.6.1.2 VLDTRT\_DD Element

The VLDTRT\_DD element specifies whether the validation is required on ready time against the pickup window start time for DDI product. If not provided, DCT will validate the ready time against pickup window start time (VLDTRT\_DD='Y').

```
<xsd:element name="VLDTRT_DD" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="1" />
      <xsd:enumeration value="Y" />
      <xsd:enumeration value="N" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

## 3.7 RequestServicesAndRuleGroups Element

This is an optional element.

When the value is "Y" all the additional services available for the product selected will be returned plus all the additional services rule groups to be adhered to for the product selected will be returned. The default value is "N".

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

## 3.8 StrictValidation Element

This is an optional element.

Accepting values Y or N, will be used to indicate strict DCT validation of address details, and any products and services provided in request. Default if not provided is N.

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



### 3.9 RequestEstimatedDeliveryDate Element

This is an optional element.

When the value is "Y", the estimated delivery date details will be displayed in the response. The default is "Y".

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

### 3.10 EstimatedDeliveryDateType Element

This is an optional element. Accepting values "QDDF" or "QDDC".

QDDC - constitutes DHL's service commitment as quoted at booking/shipment creation.

QDDC builds in clearance time, and potentially other special operational non-transport component(s), when relevant.

QDDF - is the fastest ("docs") transit time as quoted to the customer at booking or shipment creation. When clearance or any other non-transport operational component is expected to impact transit time, QDDF does not constitute DHL's service commitment. Default if not provided is "QDDF".

```
<xsd:element name="EstimatedDeliveryDateType" type="dct:EDDType" minOccurs="0">
```

#### 3.10.1 EDDType Element

```
<xsd:simpleType name="EDDType">
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="QDDF"/>
    <xsd:enumeration value="QDDC"/>
    <xsd:maxLength value="4"/>
  </xsd:restriction>
</xsd:simpleType>
```





## 4 Capability and Quote service Response Schema

Following is the schema of Capability response. All successful Capability and Quote service response confirm to the following schema file.

### Global Schema v3.0:

```
<?xml version="1.0"?>
<xsd:schema targetNamespace="http://www.dhl.com" xmlns:dhl="http://www.dhl.com/datatypes"
xmlns:dct="http://www.dhl.com/DCTResponsedatatypes" xmlns="http://www.dhl.com"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" elementFormDefault="unqualified">
<xsd:import namespace="http://www.dhl.com/datatypes_global" schemaLocation="datatypes_global.xsd" />
<xsd:import namespace="http://www.dhl.com/DCTResponsedatatypes" schemaLocation="DCTResponsedatatypes_global-
2.0.xsd" />
<xsd:element name="DCTResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:choice minOccurs="1" maxOccurs="1">
        <xsd:element name="GetQuoteResponse">
          <xsd:annotation>
            <xsd:documentation>Root element of shipment validation request</xsd:documentation>
          </xsd:annotation>
        </xsd:element>
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element name="Response">
              <xsd:complexType>
                <xsd:annotation>
                  <xsd:documentation>Generic response header</xsd:documentation>
                </xsd:annotation>
              </xsd:complexType>
            </xsd:element>
            <xsd:sequence>
              <xsd:element name="ServiceHeader" type="ServiceHeader" />
            </xsd:sequence>
          </xsd:sequence>
        </xsd:complexType>
      </xsd:choice>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="BkgDetails" minOccurs="0" type="dct:BkgDetailsType" maxOccurs="1" />
<xsd:element name="Srvs" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="Srv" type="dct:SrvType" minOccurs="0" maxOccurs="unbounded">
      </xsd:element>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="Note" minOccurs="0" type="dct:NoteType" maxOccurs="1" />
</xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="GetCapabilityResponse">
  <xsd:annotation>
    <xsd:documentation>Root element of shipment validation request</xsd:documentation>
  </xsd:annotation>
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="Response">
      </xsd:element>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```



```

        <xsd:annotation>
            <xsd:documentation>Generic response header</xsd:documentation>
        </xsd:annotation>
    <xsd:sequence>
        <xsd:element name="ServiceHeader" type="ServiceHeader" />
    </xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="BkgDetails" minOccurs="0" type="dct:BkgDetailsType" maxOccurs="1" />
<xsd:element name="Srvs" minOccurs="0" maxOccurs="1">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="Srv" type="dct:SrvType" minOccurs="0" maxOccurs="unbounded">
            </xsd:element>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="Note" minOccurs="0" type="dct:NoteType" maxOccurs="1" />
</xsd:sequence>
</xsd:complexType>
</xsd:element>
</xsd:choice>
</xsd:sequence>
</xsd:complexType>
</xsd: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="xsd:string" minOccurs="0">
            <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="xsd:string" />
    </xsd:sequence>
</xsd:complexType>
</xsd:schema>

```

## Capability and Quote service Response Data Element Definitions

The Capability and Quote service Response schema contains the following elements:

Element Name	Datatype/Format	Req	Definition	Valid Values
DCTResponse	xsd:complexType	M	Identifies the capability or quote response type	
GetQuoteResponse	xsd:complexType	M	Response type of GetQuote to retrieve the capabilities and price information based on the list of products.	
GetCapabilityResponse	xsd:complexType	M	Response type of GetCapability to retrieve	



			the capabilities information based on the list of products.	
ServiceHeader	xsd:complexType	M	Service header element	

### GetQuote and GetCapability Response Data Element

The following table describes the data elements found in the GetQuote and GetCapability response schema:

Element Name	Datatype/Format	Req	Definition	Valid Values
Response	xsd:complexType	M	Identifies the message as a response message	
BkgDetails	dct:BkgDetailsType	O	Details of the shipment. Note that multiple booking details can be returned if the origin or destination is serviced by multiple facility or service area.	
Srvs	dct:SrvType	O	Description of the found products.	
Note	dct:NoteType	O	Messages and error codes of the response message.	

## 4.1 Response 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 datatype ServiceHeader.

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

### 4.1.1 ServiceHeader Element

The Service Header element contains the header information about the response message. This element must be declared only once in the Response 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="xsd:string" minOccurs="0">
      <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="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>

```

## ServiceHeader Element Definitions

The following table describes the data elements found in the ServiceHeader schema:

Element Name	Datatype/Format	Req	Definition	Valid Values
MessageTime	xsd:dateTime	O	Identifies the message time.	
MessageReference	xsd:string	O	Message reference number.	
SiteID	xsd:string	M	Identifies the sender of the response message.	

### 4.1.1.1 MessageTime Element

The Message Time element contains the time at which the message was sent by the requestor. The format should be in YYYY-MM-DDThh:mm:ss.sTZD.

e.g. 2002-12-02T13:23:18.123-07:00

```

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

```

### 4.1.1.2 Message Reference Element

The Message Reference element contains the 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.

```

<xsd:element name="MessageReference" type="MessageReference" minOccurs="0">
  <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>

```



### 4.1.1.3 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.

```
<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="12"/>
    </xsd:restriction>
  </xsd:simpleType>
```

## 4.2 BkgDetails Element

BkgDetails element is used to identify the shipment related information.

```
<xsd:element name="BkgDetails" minOccurs="0" type="dct:BkgDetailsType" maxOccurs="1"/>

<xsd:complexType name="BkgDetailsType">
  <xsd:sequence>
    <xsd:element name="QtdShp" minOccurs="0" maxOccurs="unbounded" type="QtdShpType" />
  </xsd:sequence>
</xsd:complexType>
```

### BkgDetailsType Element Definitions

The following table describes the data elements found in the BkgDetailsType schema:

Element Name	Datatype/Format	Req	Definition	Valid Values
QtdShp	QtdShpType	0	Capabilities or/and price related response available for a given list of products	

### 4.2.1 QtdShp Element

The QtdShp element is a complex type of element which contains the child elements for capabilities or/and price related details in response available for the given list of products.

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

<xsd:complexType name="QtdShpType">
  <xsd:sequence>
    <xsd:element name="OriginServiceArea" minOccurs="1" maxOccurs="1" type="OrgnSvcAreaType" />
    <xsd:element name="DestinationServiceArea" minOccurs="1" maxOccurs="1" type="DestSvcAreaType" />
    <xsd:element name="GlobalProductCode" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="6"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="LocalProductCode" minOccurs="0">
```



```

    <xsd:simpleType>
      <xsd:restriction base="xsd:string">
        <xsd:maxLength value="3"></xsd:maxLength>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>

  <xsd:element name="ProductShortName" type="xsd:string" minOccurs="0" maxOccurs="1">
  </xsd:element>
  <xsd:element name="LocalProductName" type="xsd:string" minOccurs="0" maxOccurs="1">
  </xsd:element>
  <xsd:element name="NetworkTypeCode" type="xsd:string" minOccurs="0" maxOccurs="1">
  </xsd:element>
  <xsd:element name="POfferedCustAgreement" type="xsd:string" minOccurs="0" maxOccurs="1">
  </xsd:element>
  <xsd:element name="TransInd" type="xsd:string" minOccurs="0" maxOccurs="1"></xsd:element>
  <xsd:element name="PickupDate" minOccurs="0">
    <xsd:simpleType>
      <xsd:restriction base="xsd:date" />
    </xsd:simpleType>
  </xsd:element>
  <xsd:element name="PickupCutoffTime" type="xsd:string" minOccurs="0" maxOccurs="1"></xsd:element>
  <xsd:element name="BookingTime" minOccurs="0">
    <xsd:simpleType>
      <xsd:annotation>
        <xsd:documentation>Booking Time
      </xsd:documentation>
      </xsd:annotation>
      <xsd:restriction base="xsd:duration" />
    </xsd:simpleType>
  </xsd:element>
  <xsd:element name="CurrencyCode" minOccurs="0">
    <xsd:simpleType>
      <xsd:restriction base="xsd:string">
        <xsd:length value="3" />
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  <xsd:element name="ExchangeRate" minOccurs="0">
    <xsd:simpleType>
      <xsd:restriction base="xsd:decimal">
        <xsd:totalDigits value="18" />
        <xsd:fractionDigits value="6" />
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  <xsd:element name="WeightCharge" minOccurs="0">
    <xsd:simpleType>
      <xsd:restriction base="xsd:decimal">
        <xsd:totalDigits value="18" />
        <xsd:fractionDigits value="3" />
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  <xsd:element name="WeightChargeTax" minOccurs="0">
    <xsd:simpleType>
      <xsd:restriction base="xsd:decimal">
        <xsd:totalDigits value="18" />
        <xsd:fractionDigits value="3" />
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  <xsd:element name="weightChargeTaxRate" minOccurs="0">
    <xsd:simpleType>
      <xsd:restriction base="xsd:decimal">
        <xsd:totalDigits value="6" />
        <xsd:fractionDigits value="3" />
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  <xsd:element name="TotalTransitDays" minOccurs="0">
    <xsd:simpleType>
      <xsd:restriction base="xsd:int"></xsd:restriction>
    </xsd:simpleType>
  </xsd:element>

```



```

<xsd:element name="PickupPostalLocAddDays" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:int"></xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="DeliveryPostalLocAddDays" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:int"></xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="PickupNonDHLCourierCode" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string"/>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="DeliveryNonDHLCourierCode" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string"/>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="DeliveryDate" minOccurs="0" maxOccurs="unbounded" type="DeliveryDate" />
<xsd:element name="DeliveryTime" minOccurs="0">
  <xsd:simpleType>
    <xsd:annotation>
      <xsd:documentation>Delivery Time
    </xsd:documentation>
    </xsd:annotation>
    <xsd:restriction base="xsd:duration" />
  </xsd:simpleType>
</xsd:element>
<xsd:element name="DeliveryTimeGMTOffset" minOccurs="0">
  <xsd:simpleType>
    <xsd:annotation>
      <xsd:documentation>Delivery Time GMT Offset
    </xsd:documentation>
    </xsd:annotation>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="6" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="DimensionalWeight" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="15" />
      <xsd:fractionDigits value="3" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="WeightUnit" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="3"></xsd:maxLength>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="PickupDayOfWeekNum" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="1" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="DestinationDayOfWeekNum" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="1" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="QuotedWeight" type="QuotedWeight" minOccurs="0" />
<xsd:element name="QuotedWeightUOM" type="QuotedWeightUOM" minOccurs="0" />
<xsd:element name="QtdShpExChrg" minOccurs="0" type="QtdShpExChrgType" maxOccurs="unbounded" />
<xsd:element name="PricingDate" minOccurs="0">
  <xsd:simpleType>

```



```

        <xsd:restriction base="xsd:date" />
    </xsd:simpleType>
</xsd:element>
<xsd:element name="ShippingCharge" minOccurs="0">
    <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
            <xsd:totalDigits value="18" />
            <xsd:fractionDigits value="3" />
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="TotalTaxAmount" minOccurs="0">
    <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
            <xsd:totalDigits value="18" />
            <xsd:fractionDigits value="3" />
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="TotalDiscount" minOccurs="0">
    <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
            <xsd:totalDigits value="18" />
            <xsd:fractionDigits value="3" />
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="QtydSlnAdCur" minOccurs="0" type="QtydSlnAdCurType" maxOccurs="unbounded" />
<xsd:element name="WeightChargeTaxDet" minOccurs="0" type="WeightChargeTaxDetType"
maxOccurs="unbounded" />
<xsd:element name="PickupWindowEarliestTime" minOccurs="1">
    <xsd:simpleType>
        <xsd:annotation>
            <xsd:documentation>Pickup window start time</xsd:documentation>
        </xsd:annotation>
        <xsd:restriction base="xsd:string" />
    </xsd:simpleType>
</xsd:element>
<xsd:element name="PickupWindowLatestTime" minOccurs="1">
    <xsd:simpleType>
        <xsd:annotation>
            <xsd:documentation>Pickup window end time</xsd:documentation>
        </xsd:annotation>
        <xsd:restriction base="xsd:string" />
    </xsd:simpleType>
</xsd:element>
<xsd:element name="BookingCutoffOffset" minOccurs="1">
    <xsd:simpleType>
        <xsd:annotation>
            <xsd:documentation>Booking cut off time offset</xsd:documentation>
        </xsd:annotation>
        <xsd:restriction base="xsd:string" />
    </xsd:simpleType>
</xsd:element>
<xsd:element name="PickupLeadTime" minOccurs="0">
    <xsd:simpleType>
        <xsd:restriction base="xsd:string">
            <xsd:length value="1" />
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="PickupCloseTime" minOccurs="0">
    <xsd:simpleType>
        <xsd:restriction base="xsd:string">
            <xsd:length value="1" />
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="WeightChargeDisc" minOccurs="0" type="WeightChargeDisc" maxOccurs="unbounded" />
<xsd:element name="QtydShpExChrgDisc" minOccurs="0" type="QtydShpExChrgDisc" maxOccurs="unbounded" />
</xsd:sequence>
</xsd:complexType>

```

## QtydShpType Element Definitions





The following table describes the data elements found in the QtdShpType schema:

Element Name	Datatype/Format	Req	Definition	Valid Values
OriginServiceArea	OrgnSvcAreaType	M	Origin address details	OriginServiceArea
DestinationServiceArea	DestSvcAreaType	M	Destination address details	DestinationServiceArea
GlobalProductCode	xsd:string	O	Global product code	<= 6 characters.
LocalProductCode	xsd:string	O	Local product code	<=3 characters
ProductShortName	xsd:string	O	Global product name. It's recommended to display Global name instead of Local name.	
LocalProductName	xsd:string	O	Local product name.	
NetworkTypeCode	xsd:string	O	Network type code	DD=Day Definite TD=Time Definite
POfferedCustAgreement	xsd:string	O	Indicates that the product only can be offered to customers with prior agreement.	1 character
TransInd	xsd:string	O	Web User Interface indicator. If value=Y, show on website open for all users	Y – Show products to all users (incl. cash, credit card) N – Only show products to users with DHL account
PickupDate	xsd:date	O	Pick up date	
PickupCutoffTime	xsd:duration	O	Pick up cut off time before which courier will pick-up the shipment in origin's timezone	
BookingTime	xsd:duration	O	Booking cut off time before which pick-up booking request must be completed.	
CurrencyCode	xsd:string	O	Currency code in which price is returned	
ExchangeRate	xsd:decimal	O	The exchange rate between EUR and Charge Currency Code	Decimal(18,6)
WeightCharge	xsd:decimal	O	Weight price including Tax	Decimal(18,3)
WeightChargeTax	xsd:decimal	O	Tax for weight quote	Decimal (18,3)
weightChargeTaxRate	xsd:decimal	O	Tax rate for weight charge	Decimal(6,3)
TotalTransitDays	xsd:int	O	Number of total transit days	
PickupPostalLocalDays	xsd:int	O	In-forwarding days – this is the additional transit delays (in days) for shipments picked up from this city/postal area to arrival at the DHL Service Area	
DeliveryPostalLocalDays	xsd:int	O	On-forwarding days – this is the additional transit delay (in days) for shipments delivered to this city/postal area following arrival at	



Element Name	Datatype/Format	Req	Definition	Valid Values
			the DHL Service Area	
PickupNonDHLCourierCode	xsd:string	0	Pickup non DHL Courier Code	
DeliveryNonDHLCourierCode	xsd:string	0	Delivery non DHL Courier Code	
DeliveryDate	xsd:date	0	Estimated Delivery date	
DeliveryTime	xsd:duration	0	Committed delivery by time (actual delivery can occur before this time)	Interval hour to minute
DeliveryTimeGMTOffset	xsd:string	0	Delivery time GMT Offset. This attribute is not used and times is local time at destination.	<= 6 chars Eg. "-09:30"
DimensionalWeight	xsd:decimal	0	Volumetric weight	Decimal(15,3)
WeightUnit	xsd:string	0	Volumetric weight unit of measurement	<= 3 chars
PickupDayOfWeekNum	xsd:string	0	Pickup day of the week number	1 character 0=Sunday 1=Monday 2=Tuesday 3=Wednesday 4=Thursday 5=Friday 6=Saturday 7=Holiday
DestinationDayOfWeekNum	xsd:string	0	Destination day of the week number	1 character 0=Sunday 1=Monday 2=Tuesday 3=Wednesday 4=Thursday 5=Friday 6=Saturday 7=Holiday



Element Name	Datatype/Format	Req	Definition	Valid Values
QuotedWeight	QuotedWeight	O	Quoted weight	
QuotedWeightUOM	QuotedWeightUOM	O	Quoted weight unit of measurement	
QtdShpExChrg	QtdShpExChrgType	O	Optional services information	
PricingDate	xsd:date	O	Pricing or Current date	
ShippingCharge	xsd:decimal	O	Total quote with tax (weight and all applicable charges)	Decimal(18,3)
TotalTaxAmount	xsd:decimal	O	Total tax (weight and all applicable charges)	Decimal(18,3)
TotalDiscount	xsd:decimal	O	Total discount	Decimal(18,3)
WeightChargeTaxDet	WeightChargeTaxDetType	O	Weight Charge Tax breakdown pricing details	
QtdSlnAdCur	QtdSlnAdCurType	O	Optional Services Information	
PickupWindowEarliestTime	xsd:string	M	The Pickup window earliest time	
PickupWindowLatestTime	xsd:string	M	The Pickup window latest time	
BookingCutoffOffset	xsd:string	M	Booking cutoff offset	
PickupLeadTime	xsd:string	O	Pickup lead time	
PickupCloseTime	xsd:string	O	Pickup closing time	
WeightChargeDisc	WeightChargeDisc	O	Weight charge discount	
QtdShpExChrgDisc	QtdShpExChrgDisc	O	Extra charges discount	

#### 4.2.3.1 OriginServiceArea Element

The OriginServiceArea element is a complex type of element which contains the child elements for origin service area and facility code details.

```
<xsd:element name="OriginServiceArea" minOccurs="1" maxOccurs="1" type="OrgnSvcAreaType" />
<xsd:complexType name="OrgnSvcAreaType">
  <xsd:sequence>
    <xsd:element name="FacilityCode" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:length value="3" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="ServiceAreaCode" minOccurs="1">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:length value="3" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
```

#### OrgnSvcAreaType Element Definitions

The following table describes the data elements found in the OrgnSvcAreaType schema:



Element Name	Datatype/Format	Req	Definition	Valid Values
FacilityCode	xsd:string	O	Origin Facility Code	
ServiceAreaCode	xsd:string	M	Origin Service Area code	

#### 4.2.3.1.1 FacilityCode Element

The FacilityCode element is the origin facility code of the shipment.

```
<xsd:element name="FacilityCode" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="3" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.1.2 ServiceAreaCode Element

The ServiceAreaCode element is the origin service area code of the shipment.

```
<xsd:element name="ServiceAreaCode" minOccurs="1">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="3" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.2 DestinationServiceArea Element

The DestinationServiceArea element is a complex type of element which contains the child elements for destination service area and facility code details.

```
<xsd:element name="DestinationServiceArea" minOccurs="1" maxOccurs="1" type="DestSvcAreaType" />

<xsd:complexType name="DestSvcAreaType">
  <xsd:sequence>
    <xsd:element name="FacilityCode" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:length value="3" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="ServiceAreaCode" minOccurs="1">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:length value="3" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

#### DestSvcAreaType Element Definitions

The following table describes the data elements found in the DestSvcAreaType schema:



Element Name	Datatype/Format	Req	Definition	Valid Values
FacilityCode	xsd:string	O	Destination Facility Code	
ServiceAreaCode	xsd:string	M	Destination Service Area code	

#### 4.2.3.1.1 FacilityCode Element

The FacilityCode element is the origin facility code of the shipment.

```
<xsd:element name="FacilityCode" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="3" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.1.2 ServiceAreaCode Element

The ServiceAreaCode element is the origin service area code of the shipment.

```
<xsd:element name="ServiceAreaCode" minOccurs="1">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="3" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.3 GlobalProductCode Element

The GlobalProductCode element is the global product code of the shipment. Please refer to the Reference Data and use appropriate Global codes enabled for the country/region.

```
<xsd:element name="GlobalProductCode" minOccurs="0">
<xsd:simpleType>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="6"/></xsd:maxLength>
  </xsd:restriction>
</xsd:simpleType>
</xsd:element>
```

#### 4.2.3.4 LocalProductCode Element

The LocalProductCode element is the local product code of the shipment.

```
<xsd:element name="LocalProductCode" minOccurs="0">
<xsd:simpleType>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="3"/></xsd:maxLength>
  </xsd:restriction>
</xsd:simpleType>
</xsd:element>
```

#### 4.2.3.5 ProductShortName Element

The ProductShortName element is the global product name of the shipment.

```
<xsd:element name="ProductShortName" type="xsd:string" minOccurs="0" maxOccurs="1">
</xsd:element>
```

#### 4.2.3.6 LocalProductName Element



The LocalProductName element is the local product name of the shipment.

```
<xsd:element name="LocalProductName" type="xsd:string" minOccurs="0" maxOccurs="1">
</xsd:element>
```

#### 4.2.3.7 NetworkTypeCode Element

The NetworkTypeCode element is the network type of the product in the shipment.

```
<xsd:element name="NetworkTypeCode" type="xsd:string" minOccurs="0" maxOccurs="1">
</xsd:element>
```

#### 4.2.3.8 POfferedCustAgreement Element

The POfferedCustAgreement element indicates that the product or service or solution only can be offered to a customer agreement that are not default to a billing entity.

```
<xsd:element name="POfferedCustAgreement" type="xsd:string" minOccurs="0" maxOccurs="1">
</xsd:element>
```

#### 4.2.3.9 TransInd Element

The TransInd element indicates the web user interface indicator. If value of Y, it is show on the Web user interface.

```
<xsd:element name="TransInd" type="xsd:string" minOccurs="0" maxOccurs="1"></xsd:element>
```

#### 4.2.3.10 PickupDate Element

The PickupDate element is the pick up date.

```
<xsd:element name="PickupDate" minOccurs="0">
<xsd:simpleType>
  <xsd:restriction base="xsd:date" />
</xsd:simpleType>
</xsd:element>
```

#### 4.2.3.11 PickupCutoffTime Element

The PickupCutoffTime element is the pick up cut off time in origin's timezone.

```
<xsd:element name="PickupCutoffTime" minOccurs="0">
<xsd:simpleType>
  <xsd:annotation>
    <xsd:documentation>Pickup Cut off Time</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:duration"/>
</xsd:simpleType>
</xsd:element>
```

#### 4.2.3.12 BookingTime Element

The BookingTime element is the booking cut off time.

```
<xsd:element name="BookingTime" minOccurs="0">
<xsd:simpleType>
  <xsd:annotation>
    <xsd:documentation>Booking Time</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:duration"/>
</xsd:simpleType>
</xsd:element>
```

#### 4.2.3.13 CurrencyCode Element

The CurrencyCode element is the currency code in which the price is returned. Please refer to the Reference Data (DHL Country/Region) for currency code.

Note: This is only applicable to GetQuote service.



```
<xsd:element name="CurrencyCode" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="3" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.14 ExchangeRate Element

The ExchangeRate element is the exchange rate between EUR and charge currency code.

Note: This is only applicable to GetQuote service.

```
<xsd:element name="ExchangeRate" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="18"/>
      <xsd:fractionDigits value="6"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.15 WeightCharge Element

The WeightCharge element is the weight price including tax.

Note: This is only applicable to GetQuote service.

```
<xsd:element name="WeightCharge" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="18"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.16 WeightChargeTax Element

The WeightChargeTax element is the tax for weight quote.

Note: This is only applicable to GetQuote service.

```
<xsd:element name="WeightChargeTax" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="18"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.17 TotalTransitDays Element

The TotalTransitDays element is the number of transit days.

```
<xsd:element name="TotalTransitDays" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:int"></xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.18 PickupPostalLocAddDays Element

The PickupPostalLocAddDays element is the in-forwarding days. This is additional transit delays (in days) for shipment picked up from the mentioned city or postal area to arrival at the service area.



```
<xsd:element name="PickupPostalLocAddDays" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:int"></xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.19 DeliveryPostalLocAddDays Element

The DeliveryPostalLocAddDays element is the on-forwarding days. This is additional transit delays (in days) for shipment delivered to the mentioned city or postal area following arrival at the service area.

```
<xsd:element name="DeliveryPostalLocAddDays" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:int"></xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.20 DeliveryDate Element

The DeliveryDate element is the date the shipment is delivered.

```
<xsd:complexType name="DeliveryDate">
  <xsd:sequence>
    <xsd:element name="DeliveryType" type="xsd:string" minOccurs="0" maxOccurs="1" />
    <xsd:element name="DlvyDateTime" type="xsd:string" minOccurs="0" maxOccurs="1" />
    <xsd:element name="DeliveryDateTimeOffset" type="xsd:string" minOccurs="0" maxOccurs="1" />
  </xsd:sequence>
</xsd:complexType>
```

##### 4.2.3.20.1 DeliveryType Element

The DeliveryType element defines the type of Delivery.

```
<xsd:element name="DeliveryType" type="xsd:string" minOccurs="0" maxOccurs="1" />
```

##### 4.2.3.20.2 DlvyDateTime Element

The DlvyDateTime element is the delivery date and time.

```
<xsd:element name="DlvyDateTime" type="xsd:string" minOccurs="0" maxOccurs="1" />
```

##### 4.2.3.20.3 DeliveryTimeGMTOffset Element

The DeliveryTimeGMTOffset element is the GMT offset of the delivery time.

```
<xsd:element name="DeliveryTimeGMTOffset" minOccurs="0">
  <xsd:simpleType>
    <xsd:annotation>
      <xsd:documentation>Delivery Time GMT Offset</xsd:documentation>
    </xsd:annotation>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="6" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.21 DeliveryTime Element

The DeliveryTime element is the committed delivery by time (actual delivery can occur before this time).

```
<xsd:element name="DeliveryTime" minOccurs="1">
  <xsd:simpleType>
    <xsd:annotation>
      <xsd:documentation>Delivery Time</xsd:documentation>
    </xsd:annotation>
  </xsd:simpleType>
</xsd:element>
```





```

    </xsd:annotation>
    <xsd:restriction base="xsd:duration"/>
</xsd:simpleType>
</xsd:element>

```

#### 4.2.3.22 DimensionalWeight Element

The DimensionalWeight element is the volumetric weight of the shipment.

```

<xsd:element name="DimensionalWeight" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="15"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>

```

##### NOTE:

For XML Services – DCT Capability and Quote existing global schema prior v1.0:

For scenario when no estimated tariff returned from pricing engine, the volumetric weight is populated with the highest value by comparing both Declared Weight and Volumetric Weight value.

#### 4.2.3.23 WeightUnit Element

The WeightUnit element is the volumetric weight unit of measurement of the shipment.

```

<xsd:element name="WeightUnit" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="3"/></xsd:maxLength>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>

```

#### 4.2.3.24 PickupDayOfWeekNum Element

The PickupDayOfWeekNum element is the pickup day in week number.

```

<xsd:element name="PickupDayOfWeekNum" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="1" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>

```

#### 4.2.3.25 DestinationDayOfWeekNum Element

The DestinationDayOfWeekNum element is the destination day in week number.

```

<xsd:element name="DestinationDayOfWeekNum" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="1" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>

```

#### 4.2.3.26 QuotedWeight Element

The QuotedWeight element is the quoted weight of the shipment.

```

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

```



```

</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>

```

#### 4.2.3.27 QuotedWeightUOM Element

The QuotedWeightUOM element is the quoted weight unit of measurement of the shipment.

```

<xsd:simpleType name="QuotedWeightUOM">
  <xsd:annotation>
    <xsd:documentation>WeightUOM</xsd:documentation>
  </xsd:annotation>
  <xsd:restriction base="xsd:string">
    <xsd:minLength value="1" />
    <xsd:maxLength value="3" />
    <xsd:enumeration value="KG" />
    <xsd:enumeration value="LB" />
  </xsd:restriction>
</xsd:simpleType>

```

#### 4.2.3.28 QtdShpExChrg Element

The QtdShpExChrg element contains the optional services information for the shipment.

**NOTE:**

For XML Services – DCT Capability and Quote new global schema v1.0:

For scenario when no estimated tariff returned from pricing engine, the automatic surcharges such as YI (9:00 Premium), YJ (10:30 Premium) or YK (12:00 Premium) which relates to the specific product will not be returned in DCT Capability and Quote response as it is not available.

```

<xsd:element name="QtdShpExChrg" minOccurs="0" type="QtdShpExChrgType" maxOccurs="unbounded"/>

<xsd:complexType name="QtdShpExChrgType">
  <xsd:sequence>
    <xsd:element name="SpecialServiceType" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="6"/></xsd:maxLength>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="LocalServiceType" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="3"/></xsd:maxLength>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="GlobalServiceName" type="xsd:string" minOccurs="0" maxOccurs="1">
    </xsd:element>
    <xsd:element name="LocalServiceTypeName" type="xsd:string" minOccurs="0"
      maxOccurs="1"></xsd:element>
    <xsd:element name="SOfferedCustAgreement" type="xsd:string" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ChargeCodeType" type="xsd:string" minOccurs="0"></xsd:element>
    <xsd:element name="InsPrmRateInPercentage" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
          <xsd:totalDigits value="8"/>
          <xsd:fractionDigits value="4"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="CurrencyCode" minOccurs="0">
      <xsd:simpleType>

```



```

        <xsd:restriction base="xsd:string">
            <xsd:length value="3" />
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="ChargeValue" minOccurs="0">
    <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
            <xsd:totalDigits value="18"/>
            <xsd:fractionDigits value="3"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="ChargeTaxAmount" minOccurs="0">
    <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
            <xsd:totalDigits value="18"/>
            <xsd:fractionDigits value="3"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="ChargeTaxRate" minOccurs="0" maxOccurs="unbounded">
    <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
            <xsd:totalDigits value="6"/>
            <xsd:fractionDigits value="3"/>
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="ChargeTaxAmountDet" minOccurs="0" type="ChargeTaxAmountDetType"
    maxOccurs="unbounded"/>
<xsd:element name="QtySExtrChrgInAdCur" minOccurs="0" type="QtySExtrChrgInAdCurType"
    maxOccurs="unbounded"/>
</xsd:sequence>
</xsd:complexType>

```

## QtyShpExChrgType Element Definitions

The following table describes the data elements found in the QtyShpExChrgType schema:

Element Name	Datatype/Format	Req	Definition	Valid Values
SpecialServiceType	xsd:string	0	Global/Network Charge Code for service	<= 6 characters
LocalServiceType	xsd:string	0	Local Charge Code for service	<=3 characters
GlobalServiceName	xsd:string	0	Global service name for service. It's recommended to display Global name instead of Local name.	
LocalServiceTypeName	xsd:string	0	Local service name for service	
SOfferedCustAgreement	xsd:string	0	Indicates that the product or service or solution only can be offered to customers with prior agreement.	
ChargeCodeType	xsd:string	0	Special service charge code type for service. XCH type charge codes are Optional Services and should be displayed to users for selection. Other charges may be automatically returned when applicable.	XCH=Extra charge FEE=Fee SCH=Surcharge NRI=Non Revenue Item
InsPrmRateInPercentage	xsd:decimal	0	Provides the insurance premium rate in percentage	Decimal(8,4)
CurrencyCode	xsd:string	0	Currency code of the service charge amount	



ChargeValue	xsd:decimal	0	Service charge amount with Tax	Decimal(18,3)
ChargeTaxAmount	xsd:decimal	0	Service charge tax amount	Decimal(18,3)
ChargeTaxRate	xsd:decimal	0	Service charge tax rate	Decimal(6,3)
ChargeTaxAmountDet	ChargeTaxAmountDet Type	0	Optional services tax breakdown pricing details	
QtdSExtrChrgInAdCur	QtdSExtrChrgInAdCur Type	0	Optional services charges in additional multi currencies	

#### 4.2.3.28.1 SpecialServiceType Element

The SpecialServiceType element is the global or network charge code of the service.

```
<xsd:element name="SpecialServiceType" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="6"/></xsd:maxLength>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.28.2 LocalServiceType Element

The LocalServiceType element is the local charge code of the service.

```
<xsd:element name="LocalServiceType" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="3"/></xsd:maxLength>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.28.3 GlobalServiceName Element

The GlobalServiceName element is the global service name of the service.

```
<xsd:element name="GlobalServiceName" type="xsd:string" minOccurs="0" maxOccurs="1">
</xsd:element>
```

#### 4.2.3.28.4 LocalServiceTypeName Element

The LocalServiceTypeName element is the local service name of the service.

```
<xsd:element name="LocalServiceTypeName" type="xsd:string" minOccurs="0" maxOccurs="1">
</xsd:element>
```

#### 4.2.3.28.5 SOfferedCustAgreement Element

The SOfferedCustAgreement element indicates that the service or solution only can be offered to a customer agreement that are not default to a billing entity.

```
<xsd:element name="SOfferedCustAgreement" type="xsd:string" minOccurs="0" maxOccurs="1"/>
```

#### 4.2.3.28.6 ChargeCodeType Element

The ChargeCodeType element indicates special service charge code type of the service.



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

#### 4.2.3.28.7 InsPrmRateInPercentage Element

The InsPrmRateInPercentage element indicates the insurance premium rate in percentage.

Note: This is only applicable to GetQuote service if it is available.

```
<xsd:element name="InsPrmRateInPercentage" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="8"/>
      <xsd:fractionDigits value="4"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.28.8 CurrencyCode Element

The CurrencyCode element indicates the currency code of the service charge value.

Note: This is only applicable to GetQuote service.

```
<xsd:element name="CurrencyCode" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="3" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.28.9 ChargeValue Element

The ChargeValue element is the service charge value.

Note: This is only applicable to GetQuote service.

```
<xsd:element name="ChargeValue" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="18"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.28.10 ChargeTaxAmount Element

The ChargeTaxAmount element is the service tax amount.

Note: This is only applicable to GetQuote service.

```
<xsd:element name="ChargeTaxAmount" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="18"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.28.11 ChargeTaxRate Element

The ChargeTaxRate element is the service charge tax rate.

Note: This is only applicable to GetQuote service.

```
<xsd:element name="ChargeTaxRate" minOccurs="0" maxOccurs="unbounded">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
```



```

        <xsd:totalDigits value="6" />
        <xsd:fractionDigits value="3" />
    </xsd:restriction>
</xsd:simpleType>
</xsd:element>

```

#### 4.2.3.28.12 ChargeTaxAmountDet Element

The ChargeTaxAmountDet element is the optional services tax breakdown pricing details.

Note: This is only applicable to GetQuote service.

```

<xsd:element name="ChargeTaxAmountDet" minOccurs="0"          type="ChargeTaxAmountDetType"
maxOccurs="unbounded"/>

```

```

<xsd:complexType name="ChargeTaxAmountDetType">
  <xsd:sequence>
    <xsd:element name="TaxTypeRate" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
          <xsd:totalDigits value="18"/>
          <xsd:fractionDigits value="6"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="TaxTypeCode" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="6"/></xsd:maxLength>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="TaxAmount" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
          <xsd:totalDigits value="18"/>
          <xsd:fractionDigits value="3"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="BaseAmount" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
          <xsd:totalDigits value="18"/>
          <xsd:fractionDigits value="3"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>

```

#### ChargeTaxAmountDetType Element Definitions

The following table describes the data elements found in the ChargeTaxAmountDetType schema:

Element Name	Datatype/Format	Req	Definition	Valid Values
TaxTypeRate	xsd:decimal	0	Tax type rates for extra charge	Decimal (18,6)
TaxTypeCode	xsd:string	0	Tax type code for extra charge	6 characters
TaxAmount	xsd:decimal	0	Tax type amount for extra charge	Decimal (18,3)
BaseAmount	xsd:decimal	0	The base amount for a tax type amount calculation for extra charge. Currency is specified in parent	Decimal (18,3)



			element <CurrencyCode> in section 4.2.3.29.8.	
--	--	--	---	--

#### 4.2.3.28.12.1 TaxTypeRate Element

The TaxTypeRate element contains the tax type rate for the extra charge.

```
<xsd:element name="TaxTypeRate" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="18"/>
      <xsd:fractionDigits value="6"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.28.12.2 TaxTypeCode Element

The TaxTypeCode element contains the tax type code for the extra charge.

```
<xsd:element name="TaxTypeCode" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="6"/></xsd:maxLength>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.28.12.3 TaxAmount Element

The TaxAmount element contains the tax type amount for the extra charge.

```
<xsd:element name="TaxAmount" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="18"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.28.12.4 BaseAmount Element

The BaseAmount element contains the base amount for a tax type amount calculation for extra charge. Currency is specified in parent element <CurrencyCode> in section 4.2.3.29.8

```
<xsd:element name="BaseAmount" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="18"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.28.13 QtdSExtrChrgInAdCur Element

The QtdSExtrChrgInAdCur element is the optional services charges in additional multi currencies.

Note: This is only applicable to GetQuote service.

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

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



```

<xsd:element name="ChargeValue" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="18"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="ChargeTaxRate" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="18"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="ChargeExchangeRate" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="18"/>
      <xsd:fractionDigits value="6"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="ChargeTaxAmount" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="18"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="CurrencyCode" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="3" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="CurrencyRoleTypeCode" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="5" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="ChargeTaxAmountDet" minOccurs="0" type="ChargeTaxAmountDetType"
  maxOccurs="unbounded"/>
</xsd:sequence>
</xsd:complexType>

```





### QtdSExtrChrgInAdCurType Element Definitions

The following table describes the data elements found in the QtdSExtrChrgInAdCurType schema:

Element Name	Datatype/Format	Req	Definition	Valid Values
ChargeValue	xsd:decimal	0	An amount of fee quoted for the extra service provided by DHL	Decimal (18,3)
ChargeExchangeRate	xsd:decimal	0	The exchange rate for the currency being defined against base currency	Decimal (18,6)
ChargeTaxAmount	xsd:decimal	0	The amount of tax that has been levied on the extra charge	Decimal (18,3)
CurrencyCode	xsd:string	0	The three characters alphabetic unique Currency ID identified issued by the ISO for an internationally recognized currency	3 characters
CurrencyRoleTypeCode	xsd:string	0	Defines a role in which is a currency used.	5 characters. The roles can be: BILLCU – Billing currency PULCL – Country/Region of pickup local currency INVCU – Invoice currency BASEC – Base currency
ChargeTaxAmountDet	ChargeTaxAmountDetType	0	Charge tax breakdown pricing details in the defined currency for extra charge	

#### 4.2.3.28.13.1 ChargeValue Element

The ChargeValue element is the service charge or fee quoted for the extra service provided by DHL.

```
<xsd:element name="ChargeValue" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="18"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.28.13.2 ChargeExchangeRate Element

The ChargeExchangeRate element is the exchange rate for the currency being defined against base currency for the extra charge.

```
<xsd:element name="ChargeExchangeRate" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="18"/>
      <xsd:fractionDigits value="6"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.28.13.3 ChargeTaxAmount Element



The ChargeTaxAmount element is the amount of tax that has been levied on the extra charge.

```
<xsd:element name="ChargeTaxAmount" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="18"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.28.13.4 CurrencyCode Element

The CurrencyCode element is the three characters alphabetic unique Currency ID identified issued by the ISO for an internationally recognized currency used in extra charge calculation.

```
<xsd:element name="CurrencyCode" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="3" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.28.13.5 CurrencyRoleTypeCode Element

The CurrencyRoleTypeCode element is the roles in which the currency used in extra charge calculation.

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

#### 4.2.3.28.13.6 ChargeTaxAmountDet Element

The ChargeTaxAmountDet element contains the charge tax breakdown pricing details in the defined currency for extra charge.

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

<xsd:complexType name="ChargeTaxAmountDetType">
  <xsd:sequence>
    <xsd:element name="TaxTypeRate" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
          <xsd:totalDigits value="8"/>
          <xsd:fractionDigits value="6"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="TaxTypeCode" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="6"/></xsd:maxLength>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="TaxAmount" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
          <xsd:totalDigits value="18"/>
          <xsd:fractionDigits value="3"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="BaseAmount" minOccurs="0">
```



```

<xsd:simpleType>
  <xsd:restriction base="xsd:decimal">
    <xsd:totalDigits value="18"/>
    <xsd:fractionDigits value="3"/>
  </xsd:restriction>
</xsd:simpleType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>

```

### ChargeTaxAmountDetType Element Definitions

The following table describes the data elements found in the ChargeTaxAmountDetType schema:

Element Name	Datatype/Format	Req	Definition	Valid Values
TaxTypeRate	xsd:decimal	0	Tax type rates for extra charge	Decimal (8,6)
TaxTypeCode	xsd:string	0	Tax type code for extra charge	6 characters
TaxAmount	xsd:decimal	0	Tax type amount for extra charge	Decimal (18,3)
BaseAmount	xsd:decimal	0	The base amount for a tax type amount calculation for extra charge. Currency is specified in parent element <CurrencyCode> in section 4.2.3.29.13.4.	Decimal (18,3)

#### 4.2.3.28.13.6.1 TaxTypeRate Element

The TaxTypeRate element contains the tax type rate for the extra charge.

```

<xsd:element name="TaxTypeRate" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="8"/>
      <xsd:fractionDigits value="6"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>

```

#### 4.2.3.28.13.6.2 TaxTypeCode Element

The TaxTypeCode element contains the tax type code for the extra charge.

```

<xsd:element name="TaxTypeCode" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="6"/></xsd:maxLength>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>

```

#### 4.2.3.28.13.6.3 TaxAmount Element

The TaxAmount element contains the tax type amount for the extra charge.

```

<xsd:element name="TaxAmount" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="18"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>

```



#### 4.2.3.28.13.6.4 BaseAmount Element

The BaseAmount element contains the base amount for a tax type amount calculation for extra charge. Currency is specified in parent element <CurrencyCode> in section 4.2.3.29.13.4.

```
<xsd:element name="BaseAmt" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="18"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.29 PricingDate Element

The PricingDate element is the date of the price.

Note: This is only applicable to GetQuote service.

```
<xsd:element name="PricingDate" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:date" />
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.30 ShippingCharge Element

The ShippingCharge element is the total quote with tax for weight and all applicable charges.

Note: This is only applicable to GetQuote service.

```
<xsd:element name="ShippingCharge" minOccurs="0" >
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="18"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.31 TotalTaxAmount Element

The TotalTaxAmount element is the total tax for weight and all applicable charges.

Note: This is only applicable to GetQuote service.

```
<xsd:element name="TotalTaxAmount" minOccurs="0" >
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="18"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.32 TotalDiscount Element

The TotalDiscount element is the total discount of the shipment.

Note: This is only applicable to GetQuote service.

```
<xsd:element name="TotalDiscount" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="18" />
      <xsd:fractionDigits value="3" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```



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

#### 4.2.3.33 WeightChargeTaxDet Element

The WeightChargeTaxDet element contains the weight charge tax breakdown pricing details.

Note: This is only applicable to GetQuote service.

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

```
<xsd:complexType name="WeightChargeTaxDetType">
  <xsd:sequence>
    <xsd:element name="TaxTypeRate" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
          <xsd:totalDigits value="8" />
          <xsd:fractionDigits value="6" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="TaxTypeCode" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="6"/></xsd:maxLength>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="WeightChargeTax" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
          <xsd:totalDigits value="18" />
          <xsd:fractionDigits value="3" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="BaseAmt" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
          <xsd:totalDigits value="18" />
          <xsd:fractionDigits value="3" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

#### WeightChargeTaxDetType Element Definitions

The following table describes the data elements found in the WeightChargeTaxDetType schema:

Element Name	Datatype/Format	Req	Definition	Valid Values
TaxTypeRate	xsd:decimal	0	Tax type rates for weight charge	Decimal (8,6)
TaxTypeCode	xsd:string	0	Tax type code for weight charge	Discount or tax type codes as provided by DHL Express. Example values; For discount;  P – promotional S – special For Tax: W – weight charge B – bottom line



				F – frequency D – dynamic N – non shipment related fee
WeightChargeTax	xsd:decimal	0	Tax type amount for weight charge	Decimal (18,3)
BaseAmt	xsd:decimal	0	The base amount for a tax type amount calculation. Currency is specified in parent element <CurrencyCode> in section 4.2.3.29.8	Decimal (18,3)

#### 4.2.3.33.1 TaxTypeRate Element

The TaxTypeRate element contains the tax type rate for the weight charge.

```
<xsd:element name="TaxTypeRate" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="8"/>
      <xsd:fractionDigits value="6"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.33.2 TaxTypeCode Element

The TaxTypeCode element contains the tax type code for the weight charge.

```
<xsd:element name="TaxTypeCode" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="6"/></xsd:maxLength>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.33.3 WeightChargeTax Element

The WeightChargeTax element contains the tax type amount for the weight charge.

```
<xsd:element name="WeightChargeTax" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="18"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.33.4 BaseAmt Element

The BaseAmt element contains the base amount for a tax type amount calculation. Currency is specified in parent element <CurrencyCode> in section 4.2.3.29.8

```
<xsd:element name="BaseAmt" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:decimal">
      <xsd:totalDigits value="18"/>
      <xsd:fractionDigits value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.34 QtdSInAdCur Element

The QtdSInAdCur element contains the optional services information.



```

<xsd:element name="QtdSInAdCur" minOccurs="0" type="QtdSInAdCurType" maxOccurs="unbounded" />
<xsd:complexType name="QtdSInAdCurType">
  <xsd:sequence>
    <xsd:element name="CustomsValue" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
          <xsd:totalDigits value="18" />
          <xsd:fractionDigits value="3" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="ExchangeRate" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
          <xsd:totalDigits value="18" />
          <xsd:fractionDigits value="6" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="CurrencyCode" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:length value="3" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="CurrencyRoleTypeCode" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:length value="5" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="WeightCharge" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
          <xsd:totalDigits value="18" />
          <xsd:fractionDigits value="3" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="TotalAmount" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
          <xsd:totalDigits value="18" />
          <xsd:fractionDigits value="3" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="TotalTaxAmount" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
          <xsd:totalDigits value="18" />
          <xsd:fractionDigits value="3" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="WeightChargeTax" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
          <xsd:totalDigits value="18" />
          <xsd:fractionDigits value="3" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="WeightChargeTaxDet" minOccurs="0"
type="WeightChargeTaxDetType" maxOccurs="unbounded" />
  </xsd:sequence>
</xsd:complexType>

```

Element Name	Datatype/Format	Req	Definition	Valid Values
CustomsValue	xsd:decimal	0	The Customs Value	Decimal(18,3)



ExchangeRate	xsd:decimal	O	The exchange rate between EUR and Charge Currency Code.	Decimal(18,6)
CurrencyCode	xsd:string	O	Currency code in which price is returned	3 chars
CurrencyRoleTypeCode	xsd:string	O	Defines a role in which is a currency used.	5 characters. The roles can be: BILLCU – Billing currency PULCL – Country/Region of pickup local currency INVCU – Invoice currency BASEC – Base currency
WeightCharge	xsd:decimal	O	The WeightCharge element is the weight price including tax.	Decimal(18,3)
TotalAmount	xsd:decimal	O	The Total Amount	Decimal(18,3)
TotalTaxAmount	xsd:decimal	O	The Total Tax Amount	Decimal(18,3)
WeightChargeTax	xsd:decimal	O	Tax type amount for weight charge	Decimal (18,3)
WeightChargeTaxDet	xsd:decimal	O	The WeightChargeTaxDet element contains the weight charge tax breakdown pricing details.	

#### 4.2.3.35 PickupWindowEarliestTime Element

The PickupWindowEarliestTime element contains the pickup window earliest time.

```
<xsd:element name="PickupWindowEarliestTime" minOccurs="1">
  <xsd:simpleType>
    <xsd:annotation>
      <xsd:documentation>Pickup window start time</xsd:documentation>
    </xsd:annotation>
    <xsd:restriction base="xsd:string" />
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.36 PickupWindowLatestTime Element

The PickupWindowLatestTime element contains the pickup window latest time.

```
<xsd:element name="PickupWindowLatestTime" minOccurs="1">
  <xsd:simpleType>
    <xsd:annotation>
      <xsd:documentation>Pickup window end time</xsd:documentation>
    </xsd:annotation>
    <xsd:restriction base="xsd:string" />
  </xsd:simpleType>
</xsd:element>
```





#### 4.2.3.37 BookingCutoffOffset Element

The BookingCutoffOffset element contains the booking cutoff offset.

```
<xsd:element name="BookingCutoffOffset" minOccurs="1">
  <xsd:simpleType>
    <xsd:annotation>
      <xsd:documentation>Booking cut off time offset</xsd:documentation>
    </xsd:annotation>
    <xsd:restriction base="xsd:string" />
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.38 PickupLeadTime Element

The PickupLeadTime element contains the pickup lead time details.

```
<xsd:element name="PickupLeadTime" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="1" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.39 PickupCloseTime Element

The PickupCloseTime element contains the pickup close time details.

```
<xsd:element name="PickupCloseTime" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="1" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.2.3.40 WeightChargeDisc Element

The WeightChargeDisc element contains the weight charge discount details.

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

<xsd:complexType name="WeightChargeDisc">
  <xsd:sequence>
    <xsd:element name="DiscAmt" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
          <xsd:totalDigits value="18" />
          <xsd:fractionDigits value="3" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="BaseAmount" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
          <xsd:totalDigits value="18" />
          <xsd:fractionDigits value="3" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="CurrencyCode" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:length value="3" />
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="DiscType" minOccurs="0">
      <xsd:simpleType>
```



```

        <xsd:restriction base="xsd:string">
            <xsd:length value="1" />
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
<xsd:element name="DiscPercentage" minOccurs="0">
    <xsd:simpleType>
        <xsd:restriction base="xsd:decimal">
            <xsd:totalDigits value="18" />
            <xsd:fractionDigits value="3" />
        </xsd:restriction>
    </xsd:simpleType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>

```

## WeightChargeDisc Element Definitions

The following table describes the data elements found in the WeightChargeDisc schema:

Element Name	Datatype/Format	Req	Definition	Valid Values
DiscAmt	xsd:decimal	0	Discount Amount	Decimal(18,3)
BaseAmount	xsd:decimal	0	Base Amount	Decimal(18,3)
CurrencyCode	xsd:string	0	Currency Code	3 characters
DiscType	xsd:string	0	Discount Type	1 character
DiscPercentage	xsd:decimal	0	Discount Percentage	Decimal(18,3)

### 4.2.3.41 QtdShpExChrgDisc Element

The QtdShpExChrgDisc element contains the extra charge's weight charge discount details.

```

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

<xsd:complexType name="QtdShpExChrgDisc">
    <xsd:sequence>
        <xsd:element name="DiscAmt" minOccurs="0">
            <xsd:simpleType>
                <xsd:restriction base="xsd:decimal">
                    <xsd:totalDigits value="18" />
                    <xsd:fractionDigits value="3" />
                </xsd:restriction>
            </xsd:simpleType>
        </xsd:element>
        <xsd:element name="BaseAmt" minOccurs="0">
            <xsd:simpleType>
                <xsd:restriction base="xsd:decimal">
                    <xsd:totalDigits value="18" />
                    <xsd:fractionDigits value="3" />
                </xsd:restriction>
            </xsd:simpleType>
        </xsd:element>
        <xsd:element name="CurrencyCode" minOccurs="0">
            <xsd:simpleType>
                <xsd:restriction base="xsd:string">
                    <xsd:length value="3" />
                </xsd:restriction>
            </xsd:simpleType>
        </xsd:element>
        <xsd:element name="CurrencyRoleTypeCode" minOccurs="0">
            <xsd:simpleType>
                <xsd:restriction base="xsd:string">
                    <xsd:length value="5" />
                </xsd:restriction>
            </xsd:simpleType>
        </xsd:element>
        <xsd:element name="DiscPercentage" minOccurs="0">

```



```

<xsd:simpleType>
  <xsd:restriction base="xsd:decimal">
    <xsd:totalDigits value="18" />
    <xsd:fractionDigits value="3" />
  </xsd:restriction>
</xsd:simpleType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>

```

### QtdShpExChrgDisc Element Definitions

The following table describes the data elements found in the QtdShpExChrgDisc schema:

Element Name	Datatype/Format	Req	Definition	Valid Values
DiscAmt	xsd:string	O	Discount Amount	Decimal(18,3)
BaseAmt	xsd:decimal	O	Base Amount	Decimal(18,3)
CurrencyCode	xsd:string	O	Currency Code	3 characters
CurrencyRoleTypeCode	xsd:string	Os	Currency Role Type Code	5 characters
DiscPercentage	xsd:decimal	O	Discount Percentage	Decimal(18,3)

## 4.3 Srvs Element

Srvs element is used to identify marketed service description of the found product.

```

<xsd:element name="Srvs" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="Srv" type="dct:SrvType" minOccurs="0" maxOccurs="unbounded">
      </xsd:element>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<xsd:complexType name="SrvType">
  <xsd:sequence>
    <xsd:element name="GlobalProductCode" type="xsd:string" minOccurs="1" maxOccurs="1">
    </xsd:element>
    <xsd:element name="MrkSrv" type="MrkSrvType" minOccurs="0" maxOccurs="unbounded">
    </xsd:element>
    <xsd:element name="SBTP" type="SBTPType" minOccurs="0" maxOccurs="1"></xsd:element>
  </xsd:sequence>
</xsd:complexType>

```

### SrvType Element Definitions

The following table describes the data elements found in the SrvType schema:

Element Name	Datatype/Format	Req	Definition	Valid Values
GlobalProductCode	xsd:string	M	Global product code	
MrkSrv	MrkSrvType	O	Marketed service type and its	



			description	
SBTP	SBTPType	0	Service combination and restrictions is only returned when user requests 'OSINFO'	

### 4.3.1 GlobalProductCode Element

The GlobalProductCode element is the global product code corresponding to QtdShp element in BkgDetails.

```
<xsd:element name="GlobalProductCode" type="xsd:string" minOccurs="1" maxOccurs="1"/>
</xsd:element>
```

### 4.3.2 MrkSrv Element

The MrkSrv element is the marketed service type with its description.

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

<xsd:complexType name="MrkSrvType">
<xsd:sequence>
<xsd:choice>
<xsd:element name="LocalProductCode" type="xsd:string" minOccurs="0" maxOccurs="1"/>
<xsd:element name="LocalServiceType" type="xsd:string" minOccurs="0" maxOccurs="1"/>
</xsd:choice>
<xsd:choice>
<xsd:element name="ProductShortName" type="xsd:string" minOccurs="0" maxOccurs="1"/>
<xsd:element name="GlobalServiceName" type="xsd:string" minOccurs="0" maxOccurs="1"/>
</xsd:choice>
<xsd:choice>
<xsd:element name="LocalProductName" type="xsd:string" minOccurs="0" maxOccurs="1"/>
<xsd:element name="LocalServiceTypeName" type="xsd:string" minOccurs="0" maxOccurs="1"/>
</xsd:choice>
<xsd:choice>
<xsd:element name="ProductDesc" type="xsd:string" minOccurs="0" maxOccurs="1"/>
<xsd:element name="ServiceDesc" type="xsd:string" minOccurs="0" maxOccurs="1"/>
</xsd:choice>
<xsd:element name="NetworkTypeCode" type="xsd:string" minOccurs="0" maxOccurs="1"/>
</xsd:element>
<xsd:choice>
<xsd:element name="POfferedCustAgreement" type="xsd:string" minOccurs="0" maxOccurs="1"/>
<xsd:element name="SOfferedCustAgreement" type="xsd:string" minOccurs="0" maxOccurs="1"/>
</xsd:choice>
<xsd:element name="TransInd" type="xsd:string" minOccurs="0" maxOccurs="1"/>
</xsd:element>
<xsd:element name="ChargeCodeType" type="xsd:string" minOccurs="0" maxOccurs="unbounded">
</xsd:element>
<xsd:element name="MrkSrvInd" minOccurs="0">
<xsd:simpleType>
<xsd:restriction base="xsd:string">
<xsd:length value="1" />
</xsd:restriction>
</xsd:simpleType>
</xsd:element>
<xsd:element name="LocalProductCtryCd" minOccurs="0">
<xsd:simpleType>
<xsd:restriction base="xsd:string">
<xsd:length value="2" />
</xsd:restriction>
</xsd:simpleType>
```



```

</xsd:element>
<xsd:element name="LocalProductDesc" type="xsd:string" minOccurs="0" maxOccurs="1" />
<xsd:element name="GlobalProductDesc" type="xsd:string" minOccurs="0" maxOccurs="1" />
<xsd:element name="GlobalServiceType" type="xsd:string" minOccurs="0" maxOccurs="1" />
<xsd:element name="BillingServiceIndicator" type="xsd:string" minOccurs="0" maxOccurs="1" />
<xsd:element name="LocalServiceName" type="xsd:string" minOccurs="0" maxOccurs="1" />
</xsd:sequence>
</xsd:complexType>

```

## MrkSrvType Element Definitions

The following table describes the data elements found in the MrkSrvType schema:

Element Name	Datatype/Format	Req	Definition	Valid Values
LocalProductCode	xsd:string	0	Local product code	
LocalServiceType	xsd:string	0	Local charge code of the service	
ProductShortName	xsd:string	0	Global product name	
GlobalServiceName	xsd:string	0	Global service name of the service	
LocalProductName	xsd:string	0	Local product name	
LocalServiceTypeName	xsd:string	0	Local service name of the service	
ProductDesc	xsd:string	0	Product description if it is product details	
ServiceDesc	xsd:string	0	Service description if it is service details	
NetworkTypeCode	xsd:string	0	Network type code for product	DD=Day Definite TD=Time Definite
POfferedCustAgreement	xsd:string	0	Indicates that the product only can be offered to customers with prior agreement	
SOfferedCustAgreement	xsd:string	0	Indicates that the service can be offered to customers with prior agreement.	
TransInd	xsd:string	0	Web User Interface indicator. If value=Y, show on website open for all users	Y – Show products to all users (incl. cash, credit card) N – Only show products to users with DHL account
ChargeCodeType	xsd:string	0	Special service charge code type for service. XCH type charge codes are Optional Services and should be displayed to users for selection. Other charges may be automatically returned when applicable.	XCH=Extra charge FEE=Fee SCH=Surcharge NRI=Non Revenue Item
MrkSrvInd	xsd:string	0	By default, client should only offer those services that are marked as “Y”	1 char (Y/N)
LocalProductCtryCd	xsd:string	0	Local Product Country/Region Code	
LocalProductDesc	xsd:string	0	Local Product Description	
GlobalProductDesc	xsd:string	0	Global Product Description	
GlobalServiceType	xsd:string	0	Global Service Type	
BillingServiceIndicator	xsd:string	0	Billing Service Indicator	
LocalServiceName	xsd:string	0	Local Service Name	



#### 4.3.1.1 LocalProductCode Element

The LocalProductCode element is the local product code.

```
<xsd:element name="LocalProductCode" type="xsd:string" minOccurs="0" maxOccurs="1"/>
```

#### 4.3.1.2 LocalServiceType Element

The LocalServiceType element is the local charge code of the service.

```
<xsd:element name="LocalServiceType" type="xsd:string" minOccurs="0" maxOccurs="1"/>
```

#### 4.3.1.3 ProductShortName Element

The ProductShortName element is the global product name.

```
<xsd:element name="ProductShortName" type="xsd:string" minOccurs="0" maxOccurs="1"/>
```

#### 4.3.1.4 GlobalServiceName Element

The GlobalServiceName element is the global service name of the service.

```
<xsd:element name="GlobalServiceName" type="xsd:string" minOccurs="0" maxOccurs="1"/></xsd:element>
```

#### 4.3.1.5 LocalProductName Element

The LocalProductName element is the local product name.

```
<xsd:element name="LocalProductName" type="xsd:string" minOccurs="0" maxOccurs="1"/>
```

#### 4.3.1.6 LocalServiceTypeName Element

The LocalServiceTypeName element is the local service name of the service.

```
<xsd:element name="LocalServiceTypeName" type="xsd:string" minOccurs="0" maxOccurs="1"/></xsd:element>
```

#### 4.3.1.7 ProductDesc Element

The ProductDesc element is the product description if it is available for the product.

```
<xsd:element name="ProductDesc" type="xsd:string" minOccurs="0" maxOccurs="1"/>
```

#### 4.3.1.8 ServiceDesc Element

The ServiceDesc element is the service description if it is available for the service.

```
<xsd:element name="ServiceDesc" type="xsd:string" minOccurs="0" maxOccurs="1"/>
```

#### 4.3.1.9 NetworkTypeCode Element

The NetworkTypeCode element is the network type code for the product.

```
<xsd:element name="NetworkTypeCode" type="xsd:string" minOccurs="0" maxOccurs="1"/></xsd:element>
```

#### 4.3.1.10 POfferedCustAgreement Element

The POfferedCustAgreement element indicates that the product only can be offered to a customer agreement that are not default to a billing entity.



```
<xsd:element name="POfferedCustAgreement" type="xsd:string" minOccurs="0" maxOccurs="1"/>
```

#### 4.3.1.11 SOfferedCustAgreement Element

The SOfferedCustAgreement element indicates that the service or solution only can be offered to a customer agreement that are not default to a billing entity.

```
<xsd:element name="SOfferedCustAgreement" type="xsd:string" minOccurs="0" maxOccurs="1">
</xsd:element>
```

#### 4.3.1.12 TransInd Element

The TransInd element indicates the web user interface indicator. If value of Y, it is show on the Web user interface.

```
<xsd:element name="TransInd" type="xsd:string" minOccurs="0" maxOccurs="1"></xsd:element>
```

#### 4.3.1.13 ChargeCodeType Element

The ChargeCodeType element is the charge coed type of the service.

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

#### 4.3.1.14 MrkSrvInd Element

The MrkSrvInd element is the services that allowed for marketed. By default, client should only offer those services that are marked as "Y".

```
<xsd:element name="MrkSrvInd" minOccurs="0">
<xsd:simpleType>
  <xsd:restriction base="xsd:string">
    <xsd:length value="1" />
  </xsd:restriction>
</xsd:simpleType>
</xsd:element>
```

#### 4.3.1.15 LocalProductCtryCd Element

The LocalProductCtryCd element is the country/region code for the defined local product code.

```
<xsd:element name="LocalProductCtryCd" minOccurs="0">
<xsd:simpleType>
  <xsd:restriction base="xsd:string">
    <xsd:length value="2" />
  </xsd:restriction>
</xsd:simpleType>
</xsd:element>
```

#### 4.3.1.16 LocalProductDesc

The LocalProductDesc element is the local product description.

```
<xsd:element name="LocalProductDesc" type="xsd:string" minOccurs="0" maxOccurs="1" />
```

#### 4.3.1.17 GlobalProductDesc

The GlobalProductDesc element is the global product description.



```
<xsd:element name="GlobalProductDesc" type="xsd:string" minOccurs="0" maxOccurs="1" />
```

#### 4.3.1.18 GlobalServiceType

The GlobalServiceType element is the global service type name.

```
<xsd:element name="GlobalServiceType" type="xsd:string" minOccurs="0" maxOccurs="1" />
```

#### 4.3.1.19 BillingServiceIndicator

The BillingServiceIndicator element is the billing service indicator.

```
<xsd:element name="BillingServiceIndicator" type="xsd:string" minOccurs="0" maxOccurs="1" />
```

#### 4.3.1.20 LocalServiceName

The LocalServiceName element is the local service name.

```
<xsd:element name="LocalServiceName" type="xsd:string" minOccurs="0" maxOccurs="1" />
```

### 4.3.3 SBTP Element

The SBTP element consists the service combination and restrictions details are returned only when user requests 'OSINFO'.

```
<xsd:element name="SBTP" type="SBTPType" minOccurs="0" maxOccurs="1"></xsd:element>
```

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

```
<xsd:sequence>
```

```
<xsd:element name="Prod" type="ProdType" minOccurs="0" maxOccurs="1"></xsd:element>
```

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

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

### SBTPType Element Definitions

The following table describes the data elements found in the SBTPType schema:

Element Name	Datatype/Format	Req	Definition	Valid Values
Prod	ProdType	0	Service combination and restrictions	
ProdType	VldSrvComb	0	Sub-list of the service combination and restriction	

#### 4.3.1.21 Prod Element

The Prod element is complex type and consists of the ProdType with the list of service combination and restrictions details.

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

```
<xsd:sequence>
```

```
<xsd:element name="VldSrvComb" minOccurs="0" maxOccurs="unbounded">
```

```
<xsd:complexType>
```

```
<xsd:sequence>
```

```
<xsd:element name="SpecialServiceType" type="xsd:string" minOccurs="0" maxOccurs="1">
```

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

```
<xsd:element name="LocalServiceType" type="xsd:string" minOccurs="0"
```

```
maxOccurs="unbounded">
```

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





```

<xsd:element name="CombRSrv" minOccurs="0" maxOccurs="unbounded">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="RestrictedSpecialServiceType" minOccurs="0" type="xsd:string"
        maxOccurs="1">
      </xsd:element>
      <xsd:element name="RestrictedLocalServiceType" type="xsd:string" minOccurs="0"
        maxOccurs="unbounded"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="TotalDiscount" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="1" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>

```

### ProdType and VldSrvComb Element Definitions

The following table describes the data elements found in the ProdType and VldSrvComb schema:

Element Name	Datatype/Format	Req	Definition	Valid Values
SpecialServiceType	xsd:string	O	Global/network charge code of the service	
LocalServiceType	xsd:string	O	Local charge code of the service	
CombRSrv	Complextype	O	Restricted service combination details	
TotalDiscount	xsd:string	M	Total Discount	

#### 4.3.1.21.1 SpecialServiceType Element

The SpecialServiceType element is the global or network charge code of the service.

```

<xsd:element name="SpecialServiceType" type="xsd:string" minOccurs="0" maxOccurs="1">
</xsd:element>

```

#### 4.3.1.21.2 LocalServiceType Element

The LocalServiceType element is the local charge code of the service.

```

<xsd:element name="LocalServiceType" type="xsd:string" minOccurs="0" maxOccurs="unbounded">
</xsd:element>

```

#### 4.3.1.21.3 CombRSrv Element

The CombRSrv element is complex type and consists of the restricted service combination details.

```

<xsd:element name="CombRSrv" minOccurs="0" maxOccurs="unbounded">
<xsd:complexType>

```



```
<xsd:sequence>
  <xsd:element name="RestrictedSpecialServiceType" minOccurs="0" type="xsd:string"
maxOccurs="1">
    </xsd:element>
    <xsd:element name="RestrictedLocalServiceType" type="xsd:string" minOccurs="0"
maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>
```

### CombRSrv Element Definitions

The following table describes the data elements found in the CombRSrv schema:



Element Name	Datatype/Format	Req	Definition	Valid Values
RestrictedSpecialServiceType	xsd:string	O	Restricted Global/network charge code	Null value indicates that above Charge code can be combined with every service A value indicates that above Charge code can only be combined with this charge code and only with all other charge codes together in group of restricted services
RestrictedLocalServiceType	xsd:string	O	Restricted Local charge code	Null value indicates that above Charge code can be combined with every service A value indicates that above Charge code can only be combined with this charge code and only with all other charge codes together in group of restricted services

#### 4.3.1.21.3.1 RestrictedSpecialServiceType Element

The RestrictedSpecialServiceType element is the restricted global or network charge code of the service.

```
<xsd:element name="RestrictedSpecialServiceType" minOccurs="0" type="xsd:string" maxOccurs="1">
</xsd:element>
```

#### 4.3.1.21.3.2 RestrictedLocalServiceType Element

The RestrictedLocalServiceType element is the restricted local charge code of the service.

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

#### 4.3.1.21.4 TotalDiscount Element

```
<xsd:element name="TotalDiscount" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:length value="1" />
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

### 4.3.3 MrkSrvMutuallyExclusiveGroups Element

Returns special service grouping rules and dependencies. This new section will be returned when new request element <RequestValueAddedServicesRuleGroups> = Y.



```
<xsd:element name="MrkSrvMutuallyExclusiveGroups" type="MrkSrvMutuallyExclusiveGroupsType" minOccurs="0"
maxOccurs="99"/>

<xsd:complexType name="MrkSrvMutuallyExclusiveGroupsType">
  <xsd:sequence>
    <xsd:element name="RuleGroupName" type="xsd:token" minOccurs="0"/>
    <xsd:element name="RuleGroupDescription" type="xsd:token" minOccurs="0"/>
    <xsd:element name="LocalServiceType" type="xsd:token" minOccurs="0" maxOccurs="99"/>
  </xsd:sequence>
</xsd:complexType>
```

#### 4.3.4 MrkSrvDependencyRuleGroups Element

Returns special service grouping rules and dependencies. This new section will be returned when new request element <RequestValueAddedServicesRuleGroups> = Y.

```
<xsd:element name="MrkSrvDependencyRuleGroups" type="MrkSrvDependencyRuleGroupsType" minOccurs="0"
maxOccurs="99"/>

<xsd:complexType name="MrkSrvDependencyRuleGroupsType">
  <xsd:sequence>
    <xsd:element name="DependentLocalServiceType" type="xsd:token" minOccurs="0"/>
    <xsd:element name="MrkSrvDependencyRuleGroup"
type="MrkSrvDependencyRuleGroupType" minOccurs="0" maxOccurs="99"/>
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="MrkSrvDependencyRuleGroupType">
  <xsd:sequence>
    <xsd:element name="DependencyRuleGroupName" type="xsd:token" minOccurs="0"/>
    <xsd:element name="DependencyRuleDescription" type="xsd:token" minOccurs="0"/>
    <xsd:element name="RequiredLocalServiceType" type="xsd:token" minOccurs="0" maxOccurs="99"/>
  </xsd:sequence>
</xsd:complexType>
```

## 4.4 Note Element

Note element is used to identify messages and error codes of the response message for capability and quote service.

```
<xsd:element name="Note" minOccurs="0" type="dct:NoteType" maxOccurs="1" />

<xsd:complexType name="NoteType">
  <xsd:sequence>
    <xsd:element name="ActionStatus" type="xsd:string" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="Condition" minOccurs="0" maxOccurs="unbounded">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="ConditionCode" minOccurs="0">
            <xsd:simpleType>
              <xsd:restriction base="xsd:string">
                <xsd:minLength value="0"/></xsd:minLength>
                <xsd:maxLength value="10"/></xsd:maxLength>
              </xsd:restriction>
            </xsd:simpleType>
          </xsd:element>
```



```

<xsd:element name="ConditionData" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>

```

## NoteType Element Definitions

The following table describes the data elements found in the NoteType schema:

Element Name	Datatype/Format	Req	Definition	Valid Values
Action Status	xsd:string	0		
Condition	complextyp	0	Note for the capability and quote service response	

### 4.4.1 ActionStatus Element

```
<xsd:element name="ActionStatus" type="xsd:string" minOccurs="0" maxOccurs="1"/>
```

### 4.4.2 Condition Element

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

```

<xsd:element name="Condition" minOccurs="0" maxOccurs="unbounded">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="ConditionCode" minOccurs="0">
        <xsd:simpleType>
          <xsd:restriction base="xsd:string">
            <xsd:minLength value="0"/></xsd:minLength>
            <xsd:maxLength value="10"/></xsd:maxLength>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
      <xsd:element name="ConditionData" minOccurs="0">
        <xsd:simpleType>
          <xsd:restriction base="xsd:string">
            </xsd:restriction>
          </xsd:simpleType>
        </xsd:element>
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>

```



Element Name	Datatype/Format	Req	Definition	Valid Values
ConditionCode	xsd:string	0	Code for the condition	Please refer to the Reference Data (Error Messages)
ConditionData	xsd:string	0	Data for the condition	

#### 4.4.1.1 ConditionCode Element

The condition code element contains the code for the condition.

```
<xsd:element name="ConditionCode" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:minLength value="0"/></xsd:minLength>
      <xsd:maxLength value="10"/></xsd:maxLength>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

#### 4.4.1.2 ConditionData Element

The Condition Data element contains the data for the condition.

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



## 5 Capability and Quote service Error Response Schema

Following is the schema of Capability and Quote service error response. All Capability and Quote service error response confirm to the following schema file.

```
<?xml version="1.0" encoding="UTF-8"?>
<xsd:schema targetNamespace="http://www.dhl.com" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns="http://www.dhl.com" xmlns:dhl="http://www.dhl.com/datatypes" elementFormDefault="unqualified">
  <xsd:import namespace="http://www.dhl.com/datatypes" schemaLocation="datatypes.xsd"/>
  <xsd:element name="ErrorResponse">
    <xsd:annotation>
      <xsd:documentation>Generic 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 Capability and Quote service error Response Data Element Definitions

The Capability and Quote service error Response schema contains the following four elements.

Element Name	Datatype/Format	Req	Definition	Valid Values
Response	dhl:ErrorResponse	M	Error Response of the Capability and Quote 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" minOccurs="0">
    <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	O	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 request message.	

#### 5.2.1.1 MessageTime Element

The Message Time element contains the time at which the message was send by the requestor. The format should be in YYYY-MM-DDThh:mm:ss.STZD.

e.g. 2002-12-02T13:23:18.123-07:00

```
<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="12"/>
  </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 come out.

```
<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 an complex element which consists of two child elements "ActionStatus" and "Condition" element. The Status element is returned by the backend service while processing the Capability and Quote 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 Capability and Quote request	
Condition	Condition	O	Note for the Capability and Quote response	

### 5.2.3 ActionStatus Element

The Action status is returned by the the backend service in error response to the Capability and Quote 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 condntion. It is a mandatory field in the Condntion 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"/>
```