# CouriersPlease International Validate and Ship API Documentation

CouriersPlease

API Version: 1.0.0

# CouriersPlease International Validate and Ship API Documentation

## 1.  VERSION CONTROL

| Version | Date | Notes | Author |
|---|---|---|---|
| **1.0.0** | 10/06/2016 | Initial version. | Jeff Embro (CouriersPlease) |
| **1.0.1** | 16/06/2016 | Updated country codes. | Jeff Embro (CouriersPlease) |
| **1.0.2** | 28/06/2016 | Updated URLs. | Jeff Embro (CouriersPlease) |
| **1.0.3** | 07/07/2016 | Suburb, postcode and country validation. | Jeff Embro (CouriersPlease) |
| **1.0.4** | 20/09/2016 | Minor fixes. | Jeff Embro (CouriersPlease) |
| **1.0.5** | 14/10/2016 | Changed JSON example | Jeff Embro (CouriersPlease) |
| **1.0.6** | 25/10/2016 | Fixed urls. | Jeff Embro (CouriersPlease) |

## 2.  TABLE OF CONTENTS

## 3. OVERVIEW

This document defines the APIs in which E-Merchants can validate International Shipment data and then create an International Shipment. This API can be used to create both DHL and SingPost consignments.

Both the International Shipment Validate and the International Shipment Create APIs have the same request structure. It is recommended to use the International Shipment Validate API first to validate the request before using the International Shipment Create API.

## 4. CONSUMES

JSON

## 5. OUTPUT FORMATS

JSON
XML

## 6.  HTTP METHOD

POST

## 7.  URLS

### 7.1. SANDBOX

While developing and testing use the sandbox URLs:

#### 7.1.1.  SHIPMENT VALIDATE API

https://api-test.couriersplease.com.au/v1/international/shipment/validate

#### 7.1.2.  SHIPMENT CREATE API

 https://api-test.couriersplease.com.au/v1/international/shipment/create

### 7.2. PRODUCTION

After deploying to live use the production URLs:

#### 7.2.1.  SHIPMENT VALIDATE API

https://api.couriersplease.com.au/v1/international/shipment/validate

#### 7.2.2.  SHIPMENT CREATE API

 https://api.couriersplease.com.au/v1/international/shipment/create

## 8.  SECURITY

API security is controlled by CouriersPlease. CouriersPlease controls the following:

1. Access to the Sandbox environment
2. Access to the Production environment
3. Access to each individual API
4. Enable/disable a token
5. Hourly and daily limits

If you require security changes please contact CouriersPlease API support: apisupport@couriersplease.com.au.

### 8.1. AUTHENTICATION

API Validation is performed through HTTP Basic Authentication using the CouriersPlease Account Number and Authorization Token.

User Name: CouriersPlease Account Number

Password: Sandbox or Production Token provided from the CouriersPlease API Developer Portal

When using HTTP Basic Authentication the User Name and Password must be Base64 encoded in the header.

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If your CouriersPlease Account Number is W99999 and your token is ABC123456789 your Authentication Header would be "Authorization: Basic W99999:ABC123456789" before encoding it. Once encoded, it should look as follows: "Authorization: Basic Vzk5OTk5OkFCQzEyMzQ1Njc4OQ=="

## 8.2. SSL ENCRYPTION

The API Endpoints and Portal are encrypted using SSL as follows:

| SSL Attribute | SSL Detail |
|---|---|
| Signature Hash Algorithm | sha256 |
| Public Key | RSA (2048 Bits) |

# 9. REQUEST

## 9.1. REQUEST PARAMETERS

| Name | Type |
|---|---|
| pickupFirstName (Required) | String<br><br>Pickup First Name<br><br>Max Length: 35 |
| pickupLastName (Required) | String<br><br>Pickup Last Name<br><br>Max Length: 50 |
| pickupCompanyName (Optional) | String<br><br>Pickup Company Name<br><br>Required if pickupIsBusiness = true<br><br>Max Length: 50 |
| pickupEmail (Required) | String<br><br>Valid Email Address<br><br>Max Length: 50 |
| pickupAddress1 (Required) | String<br><br>Pickup Address Line 1<br><br>Max Length: 35 |
| pickupAddress2 (Optional) | String<br><br>Pickup Address Line 2<br><br>Max Length: 35 |
| pickupSuburb (Required) | String<br><br>Valid Suburb<br><br>Max Length: 50<br><br>If AU (Australia) is the pickupCountryCode use the Locations API to obtain a valid suburb |
| pickupState (Required) | String<br><br>Valid State<br><br>Max Length: 30 |

| | |
|---|---|
| | If AU (Australia) is the pickupCountryCode use the Locations API to obtain a valid state |
| **pickupPostcode (Required)** | String |
| | Valid Postcode |
| | Max Length: 10 |
| | If AU (Australia) is the pickupCountryCode use the Locations API to obtain a valid postcode |
| **pickupCountryCode (Required)** | String |
| | Destination Country Code |
| | Use the Countries API to obtain a valid country code |
| **pickupPhone (Required)** | String |
| | Pickup Phone Number |
| | Max Length: 20 |
| | Only numbers spaces and the + symbol are allowed. |
| **pickupIsBusiness (Required)** | Boolean |
| | Business = true |
| | Residential = false |
| **destinationFirstName (Required)** | String |
| | Destination First Name |
| | Max Length: 35 |
| **destinationLastName (Required)** | String |
| | Destination Last Name |
| | Max Length: 50 |
| **destinationCompanyName (Optional)** | String |
| | Destination Company Name |
| | Required if destinationIsBusiness = true |
| | Max Length: 50 |
| **destinationEmail (Required)** | String |
| | Valid Email Address |
| | Max Length: 50 |
| **destinationAddress1 (Required)** | String |
| | Destination Address Line 1 |
| | Max Length: 35 |
| **destinationAddress2 (Optional)** | String |
| | Destination Address Line 2 |
| | Max Length: 35 |
| **destinationSuburb (Required)** | String |
| | Valid Suburb |
| | Max Length: 50 |
| **destinationState (Required)** | String |

|  | Valid State |
| --- | --- |
|  | Max Length: 30 |
| **destinationPostcode (Required)** | String |
|  | Valid Postcode |
|  | Max Length: 10 |
| **destinationCountryCode (Required)** | String |
|  | Destination Country Code |
|  | Use the Countries API to obtain a valid country code |
| **destinationPhone (Required)** | String |
|  | Destination Phone Number |
|  | Max Length: 20 |
|  | Only numbers spaces and the + symbol are allowed. |
| **destinationIsBusiness (Required)** | Boolean |
|  | Business = true |
|  | Residential = false |
| **contactFirstName (Required)** | String |
|  | Contact First Name |
|  | Max Length: 35 |
| **contactLastName (Required)** | String |
|  | Contact Last Name |
|  | Max Length: 50 |
| **contactCompanyName (Optional)** | String |
|  | Contact Company Name |
|  | Required if contactIsBusiness = true |
|  | Max Length: 50 |
| **contactEmail (Required)** | String |
|  | Valid Email Address |
|  | Max Length: 50 |
| **contactAddress1 (Required)** | String |
|  | Contact Address Line 1 |
|  | Max Length: 35 |
| **contactAddress2 (Optional)** | String |
|  | Contact Address Line 2 |
|  | Max Length: 35 |
| **contactSuburb (Required)** | String |
|  | Valid Suburb |
|  | Max Length: 50 |
| **contactState (Required)** | String |

| | Valid State<br>Max Length: 30 |
|---|---|
| **contactPostcode (Required)** | String<br>Valid Postcode<br>Max Length: 10 |
| **contactCountryCode (Required)** | String<br>Destination Country Code<br>Use the Countries API to obtain a valid country code |
| **contactPhone (Required)** | String<br>Contact Phone Number<br>Max Length: 20<br>Only numbers spaces and the + symbol are allowed. |
| **contactIsBusiness (Required)** | Boolean<br>Business = true<br>Residential = false |
| **rateCardId (Required)** | String<br>Enter the selected ServiceCode returned from the quote API.<br>If the first three characters are "SAV" this denotes a Singpost consignment. e.g.) "SAVA", "SAVB" If the first three characters are "EXP" this denotes a DHL consignment e.g.) "EXPA", "EXPB" |
| **preferredPickupDateTime (Required)** | Date/Time<br>Pickup date and time<br>yyyy-MM-dd hh:mm tt<br>e.g.) 2016-05-05 01:30 PM or 2016-05-25 07:30 AM |
| **specialInstruction (Optional)** | String<br>Special Instructions to appear on the label. e.g.) Leave at back door.<br>Max Length: 140 |
| **referenceNumber (Optional)** | String<br>Reference Number<br>NOTE: This doesn't display on shipping labels and it is not used for tracking.<br>Max Length: 40 |
| **termsAccepted (Required)** | Boolean<br>User must accept terms by entering **true** to pass validation<br>See https://www.couriersplease.com.au/About/Terms-Conditions/International for more details. |
| **dangerousGoods (Required)** | Boolean<br>Sender must declare "No Dangerous Goods" by entering **false** to pass validation.<br>See https://www.couriersplease.com.au/service/prohibited-goods for more details. |

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| | |
|---|---|
| **acceptPhotoIDRequired (Required)** | Boolean<br><br>Sender must accept terms by entering **true** to pass validation. Entering true means that you are declaring that:<br><br>I understand the **shipper** MUST provide a copy of government issued photo ID such as a driver's license to the courier at pickup. |
| **Insurance (Required)** | Boolean<br><br>If true an Enhanced Liability Fee will be charged to the consignment.<br><br>PDS:<br>https://www.couriersplease.com.au/Service/Insurance/International/PDS<br><br>To display the total insurance amount see the Enhanced Liability Calculation Section of this document. |
| **isReturnToSender (Required)** | Boolean<br><br>Return to sender at a cost.<br><br>If Undeliverable, the default option is Abandon Shipment at destination. Return to sender will be charged as per the actual cost incurred to return shipment. |
| **shipmentType (Required)** | String<br><br>Type of shipment<br><br>Valid shipmentTypes are "Document", "Sample", "Gift", "Merchandise" & "Other"<br><br>Customs need to be advised of what type of shipment it is.<br><br>**Document**: Documents of low or no commercial value.<br>**Merchandise**: Products sold for export declared at invoice value.<br>**Sample**: Product sample not sold declared at cost of goods value.<br>**Gift**: Gift declared at retail value.<br>**Other**: Describe what it is in the text field after selecting other. |
| **natureOfGoods (Optional)** | String<br><br>This field is required when "Other" is selected as the shipmentType<br><br>Max Length: 40 |
| **typeOfExport (Required)** | String<br><br>Type of export<br><br>Valid typeOfExport are "Permanent", "Temporary" & "ReExport"<br><br>Customs need to be advised of what type of export it is. Even when importing, the shipping documents are sent to the pickup contact to attach to the shipment being exported.<br><br>**Permanent**: Most exports are a permanent one way shipment of goods.<br>**Temporary**: For exported goods that will be returned after an agreed use, often used for expensive equipment hire, promotion of trade samples to be returned.<br>**ReExport**: For goods being forward to another country after import, without value adding. |
| **items (Required)** | Object<br><br>At least one item object is required. See table 9.1.1 below. |
| **customsDeclarations (Required)** | Object<br><br>At least one item object is required. See table 9.1.2 below. |

### 9.1.1.  ITEMS

| Name | Type |
|---|---|
| **quantity (Required)** | Integer<br><br>Range: 1-99<br><br>Only one item line is allowed for a SingPost consignment |
| **length (Required)** | Integer<br><br>Length of the item (CM)<br><br>Range: 1-180 |
| **width (Required)** | Integer<br><br>Width of the item (CM)<br><br>Range: 1-180 |
| **height (Required)** | Integer<br><br>Height of the item (CM)<br><br>Range: 1-180 |
| **physicalWeight (Required)** | Decimal<br><br>2 decimal places<br><br>Physical weight of the item (KG)<br><br>Range: 0.01-30.00 |

### 9.1.2.  CUSTOMSDECLARATIONS

Customs needs to be advised of the contents of the shipment and the value of the goods.

There can only be a maximum 4 lines for a SingPost consignment.

| Name | Type |
|---|---|
| **numItems (Required)** | Integer<br><br>Number of items |
| **itemDescription (Required)** | String<br><br>A brief description of the item |
| **countryOfOrigin (Required)** | String<br><br>Country Code where the item was originally made<br><br>Use the Countries API to obtain a valid country code |
| **HSCode (Optional)** | String<br><br>Harmonized Tariff Code if you know it<br><br>Max Length: 6 |
| **unitPrice (Required)** | Integer<br><br>The value of each item in Australian dollars. |

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## 9.2. SAMPLE REQUEST THAT RETURNS JSON

Below is a sample request that returns JSON. The HTTP Request Header must contain application e.g.) "Accept: application/json". Ensure the user name and password is Base64 encoded in the authorization header as specified in the Authentication section of this document.

### 9.2.1. REQUEST URL

#### 9.2.1.1. VALIDATE

```
POST https://api-test.couriersplease.com.au/v1/international/shipment/validate HTTP/1.1
```

#### 9.2.1.2. SHIP

```
POST https://api-test.couriersplease.com.au/v1/international/shipment/create HTTP/1.1
```

### 9.2.2. REQUEST HEADER

```
Host: api-test.couriersplease.com.au
Accept: application/json
Content-Type: application/json
Authorization: Basic Vzk5OTk5OkFCQzEyMzQ1Njc4OQ==
Content-Length: 2388
```

### 9.2.3. REQUEST BODY

```
{
    "pickupIsBusiness": true,
    "pickupCompanyName": "John Company",
    "pickupFirstName": "John",
    "pickupLastName": "Pickup",
    "pickupAddress1": "Building C South",
    "pickupAddress2": "5/7 Shirley Street",
    "pickupSuburb": "ROSEHILL",
    "pickupPostcode": "2142",
    "pickupState": "NSW",
    "pickupCountryCode": "AU",
    "pickupEmail": "pickup.email@couriersplease.com.au",
    "pickupPhone": "123456789",

    "destinationIsBusiness": true,
    "destinationCompanyName": "Destination Company",
    "destinationFirstName": "Olivia",
    "destinationLastName": "Destination",
    "destinationAddress1": "TEST Indore Junction",
    "destinationAddress2": "TEST Chhoti Gwaltoli",
    "destinationSuburb": "Indore",
    "destinationPostcode": "452007",
    "destinationState": "Madhya Pradesh",
    "destinationCountryCode": "IN",
    "destinationEmail": "destination.email@couriersplease.com.au",
    "destinationPhone": "987654321",

    "contactIsBusiness": true,
    "contactCompanyName": "John Company",
    "contactFirstName": "John",
    "contactLastName": "Pickup",
    "contactAddress1": "Building C South",
    "contactAddress2": "5/7 Shirley Street",
    "contactSuburb": "ROSEHILL",
    "contactPostcode": "2142",
    "contactState": "NSW",
    "contactCountryCode": "AU",
    "contactEmail": "pickup.email@couriersplease.com.au",
    "contactPhone": "123456789",

    "items": [
      { "length": 18, "width": 18, "height": 18, "physicalWeight": 3.42, "quantity": 1},
      { "length": 39, "width": 15, "height": 25, "physicalWeight": 1.03, "quantity": 2}
    ],
    "customsDeclarations": [
```

```
            {"itemDescription": "customs item 1", "numItems": 1, "countryOfOrigin": "AU",
            "unitPrice": 10, "HSCode":"hscode"}
            ,{"itemDescription": "customs item 2", "numItems": 2, "countryOfOrigin": "AU",
            "unitPrice": 15, "HSCode":"hscode"}
    ],

    "rateCardId": "EXP",
    "preferredPickupDateTime": "2016-09-17 09:30 AM",
    "specialInstruction": "Leave on back door.",
    "referenceNumber": "ref-123",
    "termsAccepted": true,
    "dangerousGoods": false,
    "acceptPhotoIDRequired": true,
    "insurance": false,
    "isReturnToSender": true,
    "shipmentType": "Sample",
    "natureOfGoods": "",
    "typeOfExport": "Temporary"
}
```

## 9.3. SAMPLE REQUEST THAT RETURNS XML

Below is a sample request that returns XML. The HTTP Request Header must contain application e.g.) "Accept: application/xml". Ensure the user name and password is Base64 encoded in the authorization header as specified in the Authentication section of this document.

### 9.3.1. REQUEST URL

#### 9.3.1.1. VALIDATE

```
POST https://api.couriersplease.com.au/v1/international/shipment/validate HTTP/1.1
```

#### 9.3.1.2. SHIP

```
POST https://api.couriersplease.com.au/v1/international/shipment/create HTTP/1.1
```

### 9.3.2. REQUEST HEADER

```
Host: api.couriersplease.com.au
Accept: application/xml
Content-Type: application/json
Authorization: Basic Vzk5OTk5OkFCQzEyMzQ1Njc4OQ==
Content-Length: 2388
```

### 9.3.3. REQUEST BODY

```
{
    "pickupIsBusiness": true,
    "pickupCompanyName": "John Company",
    "pickupFirstName": "John",
    "pickupLastName": "Pickup",
    "pickupAddress1": "Building C South",
    "pickupAddress2": "5/7 Shirley Street",
    "pickupSuburb": "ROSEHILL",
    "pickupPostcode": "2142",
    "pickupState": "NSW",
    "pickupCountryCode": "AU",
    "pickupEmail": "pickup.email@couriersplease.com.au",
    "pickupPhone": "123456789",

    "destinationIsBusiness": true,
    "destinationCompanyName": "Destination Company",
    "destinationFirstName": "Olivia",
    "destinationLastName": "Destination",
    "destinationAddress1": "TEST Indore Junction",
    "destinationAddress2": "TEST Chhoti Gwaltoli",
    "destinationSuburb": "Indore",
    "destinationPostcode": "452007",
    "destinationState": "Madhya Pradesh",
    "destinationCountryCode": "IN",
    "destinationEmail": "destination.email@couriersplease.com.au",
```

```
    "destinationPhone": "987654321",

    "contactIsBusiness": true,
    "contactCompanyName": "John Company",
    "contactFirstName": "John",
    "contactLastName": "Pickup",
    "contactAddress1": "Building C South",
    "contactAddress2": "5/7 Shirley Street",
    "contactSuburb": "ROSEHILL",
    "contactPostcode": "2142",
    "contactState": "NSW",
    "contactCountryCode": "AU",
    "contactEmail": "pickup.email@couriersplease.com.au",
    "contactPhone": "123456789",

    "items": [
       { "length": 18, "width": 18, "height": 18, "physicalWeight": 3.42, "quantity": 1},
       { "length": 39, "width": 15, "height": 25, "physicalWeight": 1.03, "quantity": 2}
    ],
    "customsDeclarations": [
       {"itemDescription": "customs item 1", "numItems": 1, "countryOfOrigin": "AU",
       "unitPrice": 10, "HSCode":"hscode"}
       ,{"itemDescription": "customs item 2", "numItems": 2, "countryOfOrigin": "AU",
       "unitPrice": 15, "HSCode":"hscode"}
    ],

    "rateCardId": "EXP",
    "preferredPickupDateTime": "2016-09-17 09:30 AM",
    "specialInstruction": "Leave on back door.",
    "referenceNumber": "ref-123",
    "termsAccepted": true,
    "dangerousGoods": false,
    "acceptPhotoIDRequired": true,
    "insurance": false,
    "isReturnToSender": true,
    "shipmentType": "Sample",
    "natureOfGoods": "",
    "typeOfExport": "Temporary"
}
```

## 10. RESPONSE

Each request will return both an HTTP Status Code and a Response Code, which can be used to understand if the request was successfully processed. Either JSON or XML is returned based on the request Accept header.

### 10.1.   HTTP STATUS CODES

| Code | Details | Action |
|------|---------|--------|
| 200 | The request was successfully processed. | |
| 400 | There was an issue with the input request or data. | Based on the responseCode, an exception should be raised in the integrating application. |
| 401 | There was an issue with authorization. | Based on the responseCode, an exception should be raised in the integrating application. |
| 500 | The request could not be processed because of an internal API issue. | Retry the request. If the problem persists please contact CouriersPlease API support apisupport@couriersplease.com.au |

## 10.2. RESPONSE CODES

| Code | Details | Action |
|------|---------|--------|
| **SUCCESS** | The request was successfully processed. | |
| **INVALID_INPUT** | The request could not be completed because the input provided was invalid. | The msg element of the response will include the error message. |
| **UNAUTHORIZED** | The request could not be completed due to insufficient access. | The msg element of the response will include the error message. |
| **SERVICE_UNAVAILABLE** | The service is unavailable. | Raise an exception. |

## 10.3. OUTPUT

### 10.3.1. SHIPMENT VALIDATE

A successful API where HTTPS Status Code = 200 and Response Code = SUCCESS will return an empty object.

### 10.3.2. SHIPMENT CREATE

A successful API where HTTPS Status Code = 200 and Response Code = SUCCESS will return an object structured as follows.

| Name | Type | Description |
|------|------|-------------|
| **consignmentCode** | String | Consignment Number of the new consignment created. |

## 10.4. SAMPLE JSON RESPONSE (SUCCESS – 200)

### 10.4.1. SHIPMENT VALIDATE

```
{
 "responseCode": "SUCCESS",
 "msg": "",
 "data": ""
}
```

### 10.4.2. SHIPMENT CREATE

```
{
 "responseCode": "SUCCESS",
 "msg": "",
 "data": {
  "consignmentCode": "CPWEXPA999999999"
 }
}
```

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## 10.5. SAMPLE XML RESPONSE (SUCCESS – 200)

### 10.5.1. SHIPMENT VALIDATE

```
<ResponseTemplateOfString xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <responseCode>SUCCESS</responseCode>
  <msg />
  <data />
</ResponseTemplateOfString>
```

### 10.5.2. SHIPMENT CREATE

```
<ResponseTemplateOfConsignmentCodeResponse xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <responseCode>SUCCESS</responseCode>
  <msg />
  <data>
    <consignmentCode>CPWEXPA999999999</consignmentCode>
  </data>
</ResponseTemplateOfConsignmentCodeResponse>
```

## 10.6. SAMPLE JSON RESPONSE (INVALID INPUT - 400)

```
{
 "responseCode": "INVALID_INPUT",
 "msg": "",
 "data": {
  "errors": [
   {
     "type": "RequiredParam",
     "field": "destinationLastName",
     "description": "Please enter last name."
   },
   {
     "type": "RequiredParam",
     "field": "destinationAddress1",
     "description": "Please enter destination address."
   }
  ]
 }
}
```

## 10.7. SAMPLE XML RESPONSE (INVALID INPUT - 400)

```
<ResponseTemplateOfResponseErrorTemplate xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <responseCode>INVALID_INPUT</responseCode>
  <msg />
  <data>
```

```
    <errors>
      <ParameterValidationError>
        <type>RequiredParam</type>
        <field>destinationLastName</field>
        <description>Please enter last name.</description>
      </ParameterValidationError>
      <ParameterValidationError>
        <type>RequiredParam</type>
        <field>destinationAddress1</field>
        <description>Please enter destination address.</description>
      </ParameterValidationError>
    </errors>
  </data>
</ResponseTemplateOfResponseErrorTemplate>
```

## 10.8.  SAMPLE JSON RESPONSE (UNAUTHORIZED - 401)

```
{
  "responseCode": "UNAUTHORIZED",
  "msg": "Not a valid token.",
  "data": ""
}
```

## 10.9.  SAMPLE XML RESPONSE (UNAUTHORIZED - 401)

```
<ResponseTemplateOfString xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <responseCode>UNAUTHORIZED</responseCode>
  <msg> Not a valid token.</msg>
  <data />
</ResponseTemplateOfString>
```

# 11. ENHANCED LIABILITY INSURANCE CALCULATION

To display the Enhanced Liability Fee it needs to be calculated. It is calculated from the values returned from the quote and the data entered into the customs declaration portion of International Shipment Validate or Create endpoints.

The APIs don't have the ability to calculate Enhanced Liability Insurance at the time of the quote.

## 11.1.  CALCULATION RULES

Enhanced Liability Insurance will only be applied if the Insured Value is greater than or equal to $150.00.

Below is how to calculate the Enhanced Liability Fee:

| Name | Calculation |
|---|---|
| Insured Value | Calculated Freight Charge + Calculated Fuel Surcharge + Total Value of Declared Goods |
| Enhanced Liability Insurance Fee | 1% of the Insured Value |

## 11.2.   CALCULATION EXAMPLES

### 11.2.1. EXAMPLE 1

Returned Values from International Quote are:

CalculatedFreightCharge = $47.84

CalculatedFuelSurCharge = $4.54

Customs Declaration portion of the request is as follows:

```
"customsDeclarations": [
{"itemDescription": "customs item 1", "numItems": 1, "countryOfOrigin": "AUSTRALIA",
"unitPrice": 10, "HSCode":"hscode"}
{"itemDescription": "customs item 2", "numItems": 2, "countryOfOrigin": "AUSTRALIA",
"unitPrice": 50, "HSCode":"hscode"}
]
```

Insured Value Calculation = $ 47.84 + $4.54 + ($10 x 1) + ($50 x 2)

Insured Value Calculation Result = $162.38

Enhanced Liability Insurance Fee Calculation = 1% of $162.38

**Enhanced Liability Insurance Fee Calculation Result = $1.62**

### 11.2.2. EXAMPLE 2

Returned Values from International Quote are:

CalculatedFreightCharge = $47.84

CalculatedFuelSurCharge = $4.54

Customs Declaration portion of the request is as follows:

```
"customsDeclarations": [
{"itemDescription": "customs item 1", "numItems": 1, "countryOfOrigin": "AUSTRALIA",
"unitPrice": 10, "HSCode":"hscode"}
{"itemDescription": "customs item 2", "numItems": 2, "countryOfOrigin": "AUSTRALIA",
"unitPrice": 30, "HSCode":"hscode"}
]
```

Insured Value Calculation =  $47.84 +  $4.54 + ($10 x 1) + ($30 x 2)

Insured Value Calculation Result = $122.38

Enhanced Liability Insurance Fee Calculation = $0

**Enhanced Liability Insurance Fee Calculation Result = $0**

*Enhanced Liability Insurance **is not applicable** to this consignment because the Insured Value of $122.38 is less than $150.00.*

## GLOSSARY

| Term | Definition |
| --- | --- |
| API (Application Programming Interface) | A set of computer functions for software. There is no graphical user interface like a widget. |
| Widget | A graphical user interface for software |
| Plugin | A software component that adds a feature to an existing computer program. Also called an add-in or add-on. |
| E-Merchant | Electronic retailer |
| Domestic | Freight shipped within Australia |
| International | Freight shipped to and/or from outside of Australia |
| Sandbox | API environment for testing and integration |
| Production | Live API environment |