# Travel Insured International's Web Service API

Version 2.3 Last Updated: 4/14/2016

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# **Change Log**

Version	Date	Changed By	Change					
1.0	5/8/2007	Kim Brown	Initial Version					
1.1	8/9/2007	Kim Brown	Added more information in <i>Sending Requests</i> section, changed <i>XML Elements Explained</i> to include new elements and attributes.					
2.0	3/17/2008	George Shi	Updates required for enhancements and for TII web services to accommodate 2008 products. Non-OTA Bookings with TII schema covered.					
2.0	4/23/2008	George Shi	Updated Appendix D for including optional coverage samples.					
2.0	2/16/2009	George Shi	Added Appendix F to give booking samples that pass credit card payment information. The appendix covers OTA compliant booking method and TII proprietary booking methods.					
2.1	3/17/2009	George Shi	Added a note that we are deprecating the three TII proprietary booking methods, which are: PurchaseInsurancePolicyXmlString, PurchaseInsurancePolicyXmlDocument, PurchaseInsurancePolicy. Any future vendors are required to using Travel Insured's OTA compliant booking method.					
2.2	10/29/2015	Eric Larson	Replaced Appendix E with table of coverage codes Added link to Appendix F of test credit card numbers					
2.3	4/14/2016	George Shi	Added Appendix G. To indicate where deposit date can be entered as an optional attribute in a book request. Some products require deposit date.					

# What's New in This Release

Version 2.0 of TII Web Services API is modified in part to support features offered in new products. It is also modified to enhance functionality and reduce errors. A brief description of the changes is listed:

### 1. Base Coverage

Many products integrate the traditional post departure-only coverage and extensive coverage into one product. The primary coverage of these new products will be called base coverage. It doesn't require the trip cost in the booking request. If the trip cost is provided, coverage for trip cancellation is included otherwise it is not included (trip cancellation coverage amount=0). A booking request without including trip cost is a request for a plan, for instance Worldwide Trip Protector, without trip cancellation coverage. A booking request including the trip cost amount is a request to purchase the same plan with trip cancellation coverage. For a detailed description please refer to product information provided by our Product Development Department.

### 2. Optional Custom Coverage Dates

Certain optional coverage offer flexible coverage periods within the trip date range. For instance, Rental Collision Damage can be purchased to cover only a certain part of the trip duration. This selection is optional and if not selected in the booking request, by default the coverage period is the same as trip duration.

# 3. Enhanced Premium Data Validation in Non-OTA Booking Requests Starting with version 2.0, the premium amount provided in a booking request from vendors using Travel Insured International's non-OTA booking methods will be verified against TII's pricing engine. If discrepancies arise the booking request is returned with an error. THIS BEHAVIOR IS DIFFERENT FROM EXISTING PROCESSING. The sender needs to resend the request after the problem is fixed. For details please refer to Appendix D for non-OTA bookings.

### 4. Added Appendix G.

# Introduction

Travel Insured International (TII) has a Web Service that allows clients to search for insurance products available to be sold by an agency, obtain quotes for those products, and book insurance policies. There is also a ping operation that allows a client to test connectivity. This document describes the operations and how to use them.

The following documents have been provided along with this API document to aid in the development process.

<b>Document Name</b>	Description
OTA_InsurancePlanSearchRQ.xsd,	The search request and response schemas.
OTA_InsurancePlanSearchRS.xsd,	
OTA_InsurancePlanSearchCommon.xsd	
OTA_InsuranceQuoteRQ.xsd,	The quote request and response schemas.
OTA_InsuranceQuoteRS.xsd,	
OTA_InsuranceQuoteCommon.xsd	
OTA_InsuranceBookRQ.xsd,	The book request and response schemas.
OTA_InsuranceBookRS.xsd,	
OTA_InsuranceBookCommon.xsd	
OTA_PingRQ, OTA_PingRS	The ping request and response schemas.
OTA_ErrorRS.xsd	The error response schema.
TII_OTA_Codes.xml	The codes defined by the OTA that are used in
	the request and the response

## **Overview**

# **Ping**

The ping operation allows a client to test connectivity to the Travel Insured Web service. It takes in the string which was sent and returns it.

### Search

The search operation allows a client to gather information about Travel Insured's products. It does not provide many parameters, but rather is intended to be used to find all the products available to a given agency. If you are looking for a more robust searching mechanism, use the quote operation. It provides more search parameters.

The following information is passed in the request:

- Agency A valid agency user id and password is required. This allows return of a list of the products assigned to your agency.
- Booking Channel A valid booking channel code is optional. This allows agencies to quote through a booking channel.
- Coverages You can identify the types of coverages to be included in the products returned. This is optional. If you do not specify any coverage, all assigned products are returned.

The response will return this information for each product.

- Product Name
- Product Code To quote or book.
- Benefit Summary A URL to the benefit summary documentation.
- Product Coverages This includes the coverage name, coverage code, coverage level, limits, and deductibles. The coverage code, coverage level, limits, and deductibles are used to quote or book.
- Provider Information –Information about Travel Insured International.
- Plan Restrictions Restrictions on the plan.

If a product is not found which meets all the criteria provided, an error is returned.

The search operation request and response APIs are compliant with the Open Travel Alliance's (OTA) recommendations for insurance plan searching. The TII request and response schemas are a subset of the OTA's schemas.

Starting with 2008 products, certain optional coverage can be offered with coverage dates different from the trip dates, but within trip date range. If the Search result contains the product with this coverage, the Search response will have a new text element, <Text>Custom Dates=Optional</Text>, in the Paragraph segment of the coverage shown below.

```
<Paragraph Name="Collision Damage Waiver">
<Text>Coverage Code=3</Text>
<Text>Custom Dates=Optional</Text>
<Text>Limit=50000</Text>
</Paragraph>
....
```

Please refer to Appendix A for a complete Search Request sample.

### Quote

The quote operation allows a client to gather pricing information about different Travel Insured products before purchasing them. It has the flexibility to return multiple quotes based on the criteria passed.

The following information can be passed in the request:

- Agency A valid agency user id and password is required to return the agency's products.
- Booking Channel A valid booking channel code is optional. This allows agencies to quote through a booking channel.
- Product Code You can get a quote for a particular product. This is optional.

- Product Group You can get quotes for a particular product group. Product groups allow you to refine your quote by one of the following: trip or cruise, airline ticket only, different levels of medical, student, business or group travel.
- Traveler's Age
- Trip Cost
- Length of Trip
- Optional Coverages Request optional coverage to be included in the quote. The available optional coverages are: medical, flight, and collision.
- Coverage Limit Specify coverage limits for primary medical and optional coverages.
- Coverage Deductible Specify deductibles for primary medical coverages.

The response will return the following information for each quote.

- Effective and expiration dates of the quote(s).
- Reference Place Holder This allows grouping of quotes generated by the same request.
- Company Information Information about the company providing the insurance.
- Product Information Includes plan name, restrictions, and a URL to a document providing more detailed information.
- Coverage Requirements Includes limits and deductibles.
- Plan Cost The premium and charge information.
- Contact Information Provided in order to contact someone about the quote.

If a product is not found which meets all the criteria provided, an error is returned. This may be caused by a product which does not offer the optional coverage specified in the request, or the start and end dates do not meet the criteria specified.

The quote operation request and response APIs are compliant with the Open Travel Alliance's (OTA) recommendations for insurance quoting. The TII request and response schemas are a subset of the OTA's schemas.

Starting with the 2008 products, coverage may be offered with coverage dates that differ from the trip date range, but are within the trip date range. To verify whether a particular coverage offers such an option, a Search request can be made first to check if the response for that coverage contains the tag <Text>Custom Dates=Optional</Text>. To quote the coverage with different coverage dates from the trip date range but within the trip date range, just add the tag <CoverageDate> to CoverageRequirement segment of that coverage. The following is an excerpt quote example that indicates an optional coverage with dates for Collision Damage/Waiver coverage (coverage type=3).

. . . . .

Please refer to Appendix A for complete Quote Request sample.

### Book

The book operation allows a client to purchase an insurance policy.

The following information can be passed in the request:

- Agency A valid agency user id and password is required. This allows us to return your agency's assigned products.
- Booking Channel A valid booking channel code is optional. This allows agencies to book through a booking channel.
- Product Code The product to purchase. This is required.
- Traveler Information Information about the travelers on the policy.
- Coverage Information Information about the coverages requested.
- Trip Information This includes travel dates, destinations and operators.
- Payment Information This specifies how the policy will be paid.

The response will return you this information:

- Warnings and Errors These describe any problems that may have occurred during processing.
- Policy Number The policy number.

The book operation request and response APIs are compliant with the Open Travel Alliance's (OTA) recommendations for insurance booking. The TII request and response schemas are a subset of the OTA's schemas.

Starting with 2008 products, Trip Protection products integrate traditional extensive and post departure coverage into one product. Trip cancellation coverage requires a trip cost amount present in the Book Request. To book, for instance a Worldwide Trip Protection plan with trip cancellation coverage, add the following segment in the Book request.

```
<IndCoverageReqs>
<IndTripCost Amount="1500"/>
</IndCoverageReqs>
```

. . . . .

If the trip cost segment is not provided, a policy excluding coverage for trip cancellation can be booked – similar to the current post departure coverage.

Some products offer coverage with different coverage dates from the trip date range, but within the trip date range. The following example shows how Collision Damage Waiver coverage (type 3 coverage) can be booked with coverage dates shorter than trip date range:

. . . . .

```
<CoverageRequirement CoverageLevel="Optional" CoverageType="3">
<PolicyLimit Amount = "1500"/>
<CoverageDate Start="2008-08-01" End="2008-08-06">
</CoverageRequirement>
.....
```

### **Process**

The process operation works differently from the other operations. It is designed to handle special requests from clients. A client must make arrangements with TII for custom programming. TII will let determine if the operation is feasible, if it is detailed documentation will be provided on its use.

# **Sending Requests**

Example requests for the operations are shown in <u>Appendix A</u>. The WSDL for the QA environment is shown in <u>Appendix B</u>.

There are two different responses that may be returned from any of the operations.

- Failure Response This means something was wrong with the request. The XML will contain an OTA\_ErrorRS element as its root element. One possible reason for this response is if the XML in the request is not valid.
- Processed Response The request was processed. It may or may not have been successful. This XML will contain an operation specific root element (i.e. OTA\_InsurancePlanSearchRS, OTA\_InsuranceQuoteRS, OTA\_InsuranceBookRS). If the root element contains a Success element without a Warnings element, the request was successfully processed. If the root element contains a Warnings element instead of a Success element, or an Errors element, the request was not successful or not processed in its entirety. See <a href="Appendix C">Appendix C</a> for a more detailed explanation of the error responses.

We support Get, Post and SOAP requests. The following contains information on each type of request.

The operations are defined to take in strings, not XML. This an escape in the send requestt. The response will come to you escaped and you will need to un-escape it. Depending on the language you are using and the APIs in that language, you may need to escape it or the API may escape it for you.

For example, in Java if you use org.apache.commons.lang.HttpURLConnection to send your request, you will need to escape the XML. You could use org.apache.commons.lang.StringEscapeUtils to do that. If you use org.apache.axis.client.Service and give it the WSDL address, you will not have to escape it, the org.apache.axis.client.Call object will do it for you.

# **Ping**

### **SOAP**

The following is a sample SOAP request and response. The **placeholders** shown need to be replaced with actual values.

```
POST /TIWebService/Service.asmx HTTP/1.1
Host: www.travelinsured.com
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "https://www.travelinsured.com/TIWebService/Ping"
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"</pre>
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <Ping xmlns="https://www.travelinsured.com/TIWebService/">
      <OTA PingRQ>string</OTA PingRQ>
    </Ping>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"</pre>
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <OTA PingRS xmlns="https://www.travelinsured.com/TIWebService/">
      <PingResult>string</PingResult>
    </OTA PingRS>
  </soap:Body>
</soap:Envelope>
```

Here is an example request.

```
<EchoData&gt;This is a test.&lt;/EchoData&gt; &lt;/OTA_PingRQ&gt; </OTA_PingRQ> </Ping> </soap:Body> </soap:Envelope>
```

Notice that the XML inside of the first OTA\_PingRQ needs to be escaped. Also notice that there are two OTA\_PingRQ elements.

Here is an example of the response.

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"</pre>
  xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/03/addressing"
  xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-
1.0.xsd"
  xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soap:Header>
    <wsa:Action>https://www.travelinsured.com/TIWebService/PingResponse</wsa:Action>
    <wsa:MessageID>uuid:076d6741-479e-454e-be89-89b0009eb85b</wsa:MessageID>
    <wsa:RelatesTo>uuid:a17cd1df-701b-46b5-ad3f-627e1b915453</wsa:RelatesTo>
    <wsa:To>http://schemas.xmlsoap.org/ws/2004/03/addressing/role/anonymous</wsa:To>
    <wsse:Security>
      <wsu:Timestamp wsu:Id="Timestamp-b41ce095-025e-401a-9b5e-e203114e916d">
         <wsu:Created>2007-08-09T14:06:30Z</wsu:Created>
         <wsu:Expires>2007-08-09T14:11:30Z</wsu:Expires>
      </wsu:Timestamp>
    </wsse:Security>
  </soap:Header>
  <soap:Body>
    <OTA_PingRS xmlns="https://www.travelinsured.com/TIWebService/">
      <PingResult>
       <?xml version="1.0" encoding="utf-8"?&gt;
       <OTA_PingRS xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
              Version="0" xmlns="http://www.opentravel.org/OTA/2003/05">
              <Success /&gt;
              <EchoData&gt;This is a test.&lt;/EchoData&gt;
       </OTA PingRS&gt;</PingResult>
    </OTA PingRS>
  </soap:Body>
</soap:Envelope>
```

Notice that just like in the request, the response is escaped.

### **HTTP GET**

The following is a sample HTTP GET request and response. The **placeholders** shown need to be replaced with actual values.

```
GET /TIWebService/Service.asmx/Ping?OTA_PingRQ=string HTTP/1.1
Host: www.travelinsured.com
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<string
xmlns="https://www.travelinsured.com/TIWebService/">string</string>
```

### **HTTP POST**

The following is a sample HTTP POST request and response. The **placeholders** shown need to be replaced with actual values.

```
POST /TIWebService/Service.asmx/Ping HTTP/1.1
Host: www.travelinsured.com
Content-Type: application/x-www-form-urlencoded
Content-Length: length

OTA_PingRQ=string
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<string
xmlns="https://www.travelinsured.com/TIWebService/">string</string>
```

### Search

### SOAP

The following is a sample SOAP request and response. The **placeholders** shown need to be replaced with actual values.

```
POST /TIWebService/Service.asmx HTTP/1.1
Host: test.travelinsured.com
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "https://www.travelinsured.com/TIWebService/Search"
<?xml version="1.0" encoding="utf-8"?>
```

```
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"</pre>
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
 <soap:Body>
    <Search xmlns="https://www.travelinsured.com/TIWebService/">
      <OTA InsurancePlanSearchRQ>string</OTA InsurancePlanSearchRQ>
    </Search>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"</pre>
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
 <soap:Body>
    <OTA InsurancePlanSearchRS
xmlns="https://www.travelinsured.com/TIWebService/">
      <SearchResult>string</SearchResult>
    </OTA InsurancePlanSearchRS>
  </soap:Body>
</soap:Envelope>
```

Similar to the request and response described in the Ping section, the search request will require the XML to be escaped and to have two OTA\_InsurancePlanSearchRQ elements.

### **HTTP GET**

The following is a sample HTTP GET request and response. The **placeholders** shown need to be replaced with actual values.

```
GET /TIWebService/Service.asmx/Search?OTA_InsurancePlanSearchRQ=string
HTTP/1.1
Host: test.travelinsured.com
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<string
xmlns="https://www.travelinsured.com/TIWebService/">string</string>
```

### **HTTP POST**

The following is a sample HTTP POST request and response. The **placeholders** shown need to be replaced with actual values.

```
POST /TIWebService/Service.asmx/Search HTTP/1.1
```

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```
Host: test.travelinsured.com
Content-Type: application/x-www-form-urlencoded
Content-Length: length

OTA_InsurancePlanSearchRQ=string
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<string
xmlns="https://www.travelinsured.com/TIWebService/">string</string>
```

### Quote

### **SOAP**

The following is a sample SOAP request and response. The **placeholders** shown need to be replaced with actual values.

```
POST /TIWebService/Service.asmx HTTP/1.1
Host: test.travelinsured.com
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "https://www.travelinsured.com/TIWebService/Quote"
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"</pre>
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <Quote xmlns="https://www.travelinsured.com/TIWebService/">
      <OTA InsuranceQuoteRQ>string</OTA InsuranceQuoteRQ>
    </Ouote>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"</pre>
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <OTA InsuranceQuoteRS
xmlns="https://www.travelinsured.com/TIWebService/">
      <QuoteResult>string</QuoteResult>
    </OTA InsuranceQuoteRS>
  </soap:Body>
</soap:Envelope>
```

Similar to the request and response described in the Ping section, the quote request will require the XML to be escaped and to have two OTA\_InsuranceQuoteRQ elements.

### HTTP GET

The following is a sample HTTP GET request and response. The **placeholders** shown need to be replaced with actual values.

```
GET /TIWebService/Service.asmx/Quote?OTA_InsuranceQuoteRQ=string
HTTP/1.1
Host: test.travelinsured.com
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<string
xmlns="https://www.travelinsured.com/TIWebService/">string</string>
```

### **HTTP POST**

The following is a sample HTTP POST request and response. The **placeholders** shown need to be replaced with actual values.

```
POST /TIWebService/Service.asmx/Quote HTTP/1.1
Host: test.travelinsured.com
Content-Type: application/x-www-form-urlencoded
Content-Length: length

OTA_InsuranceQuoteRQ=string
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<string
xmlns="https://www.travelinsured.com/TIWebService/">string
```

### Book

### **SOAP**

The following is a sample SOAP request and response. The **placeholders** shown need to be replaced with actual values.

```
POST /TIWebService/Service.asmx HTTP/1.1
Host: test.travelinsured.com
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "https://www.travelinsured.com/TIWebService/Book"
<?xml version="1.0" encoding="utf-8"?>
```

```
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"</pre>
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
 <soap:Body>
    <Book xmlns="https://www.travelinsured.com/TIWebService/">
     <OTA InsuranceBookRQ>string</OTA InsuranceBookRQ>
    </Book>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"</pre>
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
 <soap:Body>
   <OTA InsuranceBookRS
xmlns="https://www.travelinsured.com/TIWebService/">
     <BookResult>string
    </OTA InsuranceBookRS>
  </soap:Body>
</soap:Envelope>
```

Similar to the request and response described in the Ping section, the book request will require the XML to be escaped and to have two OTA\_InsuranceBookRQ elements.

### **HTTP GET**

The following is a sample HTTP GET request and response. The **placeholders** shown need to be replaced with actual values.

```
GET /TIWebService/Service.asmx/Book?OTA_InsuranceBookRQ=string HTTP/1.1
Host: test.travelinsured.com
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<string
xmlns="https://www.travelinsured.com/TIWebService/">string</string>
```

### **HTTP POST**

The following is a sample HTTP POST request and response. The **placeholders** shown need to be replaced with actual values.

```
POST /TIWebService/Service.asmx/Book HTTP/1.1
Host: test.travelinsured.com
Content-Type: application/x-www-form-urlencoded
```

```
Content-Length: length

OTA_InsuranceBookRQ=string
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<string
xmlns="https://www.travelinsured.com/TIWebService/">string</string>
```

### **Process**

### **SOAP**

The following is a sample SOAP request and response. The **placeholders** shown need to be replaced with actual values.

```
POST /TIWebService/Service.asmx HTTP/1.1
Host: test.travelinsured.com
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "https://www.travelinsured.com/TIWebService/Process"
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"</pre>
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
 <soap:Body>
    <Process xmlns="https://www.travelinsured.com/TIWebService/">
      <Request>string</Request>
    </Process>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"</pre>
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <Response xmlns="https://www.travelinsured.com/TIWebService/">
      <ProcessResult>string
    </Response>
  </soap:Body>
</soap:Envelope>
```

### **HTTP GET**

The following is a sample HTTP GET request and response. The **placeholders** shown need to be replaced with actual values.

```
GET /TIWebService/Service.asmx/Process?Request=string HTTP/1.1
Host: test.travelinsured.com
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<string
xmlns="https://www.travelinsured.com/TIWebService/">string</string>
```

### **HTTP POST**

The following is a sample HTTP POST request and response. The **placeholders** shown need to be replaced with actual values.

```
POST /TIWebService/Service.asmx/Process HTTP/1.1
Host: test.travelinsured.com
Content-Type: application/x-www-form-urlencoded
Content-Length: length

Request=string
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<string
xmlns="https://www.travelinsured.com/TIWebService/">string</string>
```

### **Environments**

The Web Service is secure, so make sure to use https.

The QA URL is: <a href="https://test.travelinsured.com/TIWebService/Service.asmx">https://test.travelinsured.com/TIWebService/Service.asmx</a>.

The production URL is: <a href="https://www.travelinsured.com/TIWebService/Service.asmx">https://www.travelinsured.com/TIWebService/Service.asmx</a>.

# **Coding Examples**

The following examples call the search operation. The same steps should be taken to call the other operations.

### Java

```
import java.io.ByteArrayInputStream;
import java.net.URL;
import javax.xml.namespace.QName;
import javax.xml.parsers.DocumentBuilder;
import javax.xml.parsers.DocumentBuilderFactory;
import org.apache.axis.client.Call;
import org.apache.axis.client.Service;
import org.apache.axis.message.SOAPBodyElement;
import org.apache.axis.message.SOAPEnvelope;
import org.apache.axis.utils.XMLUtils;
import org.w3c.dom.Document;
public class ServiceTester
      public ServiceTester() throws Exception
            String request = "... insert XML here ...";
            System.out.println(callSearch(request));
      public String callSearch(String request) throws Exception
            String wsdlAddress = "https://test.travelinsured.com/TIWebService/Service.asmx?WSDL";
            String serviceNamespace = "https://www.travelinsured.com/TIWebService/";
            String serviceName = "Service";
            String port = "ServiceSoap";
            String operation = "Search";
            Service service = new Service (new URL (wsdlAddress),
                  new QName(serviceNamespace, serviceName));
            Call call = (Call) service.createCall(new QName(serviceNamespace, port),
                  new QName(serviceNamespace, operation));
```

```
return (String)call.invoke(new Object[]{request});
      public static void main(String[] args) throws Exception
             new ServiceTester();
C#
*** This example assumes you have a Web Reference setup named qa.TIWebService. It is written as a csunit test case.
using System;
using System.IO;
using System.Text;
using csunit;
namespace TIWebServiceTest
      [TestFixture]
      public class ServiceTester
             [Test]
             public void TestBook()
                    string request = ReadFile("... insert XML File Name ...");
                    qa.TIWebService.Service = new qa.TIWebService.Service();
                    string response = service.Search(request);
                    Assert.NotNull(response);
             private string ReadFile(String fileName)
                    StringBuilder str = new StringBuilder();
                    StreamReader sr = null;
                    try
```

```
FileStream fileStream = new FileStream(fileName, FileMode.Open);
                          sr = new StreamReader(fileStream);
                          String tempStr;
                          while ((tempStr = sr.ReadLine()) != null)
                                 str.Append(tempStr);
                   finally
                          if (sr != null)
                                 sr.Close();
                   return str.ToString();
VB
*** This example assumes you have a Web Reference setup named qa.TIWebService. It is written as a csunit test case.
Imports csUnit
<TestFixture()>
Public Class TestBooking
    <Test()>
    Public Sub TestIt()
        Dim service As New qa.TIWebService.Service
        Dim request As New String ("... insert XML here ...")
        Dim response = service.Search(request)
        Console.WriteLine(response)
        Assert.NotNull(response)
```

End Sub

End Class

# **Products Explained**

The table below describes some of new 2008 plans, along with the existing, most popular plans offered by Travel Insured International. These will likely be the products returned by your search and quote requests. The values required for the quote and book requests are explained in the table.

	New 2008 Plans																																												
Plan Name	Plan Description	Type ID Value	Ind. Trip Cost Amount Value	Coverage Type (Primary Coverage) Value	Policy Limit (Primary Coverage) Value	Coverage Type (Optional Cov.) Value	Policy Limit (Optional Coverage) Value	*Custom Coverage Dates																																					
						3	Collision Damage Waiver	YES																																					
			Amount of trip cancellation coverage for the traveler.		This is not used. It	6	Optional Medical																																						
Worldwide Trip Protector 2008		WTP8	This value must be provided in order to include trip cancellation coverage. Otherwise trip cancellation coverage will be zero amounts.	1	is not necessary to include this element in the request. If it is provided it is not used.	10	Sports Equip. Coverage																																						
T-4000						12	Cancel For Work Reason																																						
				_	_	_	_	_	_	_	_	_	_	_	_	_	•	_	_		_	9	_	_	<u> </u>	_	_	_	_	_	_	_		_	_	<u>-</u>	<del>-</del>	_	_	_		used.	17	Optional Flight	
						18	Cancel For Any Reason																																						
		Amount of trip cancellation coverage for the traveler. This value must be provided	coverage for the traveler.	coverage for the traveler.			6	Optional Medical																																					
Modelativida Tria					coverage for the traveler.		This is not used. It is not necessary to	10	Sports Equip. Coverage																																				
Worldwide Trip Protector Gold 2008 T-4010  see plan brochure  TPG8	TPG8	in order to include trip cancellation coverage.	1	include this element in the request. If it is	12	Cancel For Work Reason																																							
			Otherwise trip cancellation coverage will be zero		provided it is not used.	17	Optional Flight																																						
			amounts.			18	Cancel For Any Reason																																						

Note: \*Custom Coverage Dates is a new feature with 2008 products.

	New 2008 Plans																								
Plan Name	Plan Description	Type ID Value	Ind. Trip Cost Amount Value	Coverage Type (Primary Coverage) Value	Policy Limit (Primary Coverage) Value	Coverage Type (Optional Cov.) Value	Policy Limit (Optional Coverage) Value	*Custom Coverage Dates																	
						3	Collision Damage Waiver	YES																	
			Amount of trip cancellation coverage for		This is not used. It	6	Optional Medical																		
Worldwide Trip	Worldwide Trip Protector Lite T-4030  see plan brochure  WTPL	WEDI	the traveler. This value must be provided in order	1	is not necessary to include this element in the request. If it is provided it is not	10	Sports Equip. Coverage																		
		VVIPL	to include trip cancellation coverage. Otherwise trip cancellation coverage will be zero amounts.			12	Cancel For Work Reason																		
																						used.	17	Optional Flight	
								18	Cancel For Any Reason																
			Amount of trip cancellation coverage for the traveler. This value must be provided in order to include trip cancellation coverage. Otherwise trip			cancellation coverage for					3	Collision Damage Waiver	YES												
																	cancellation coverage for	This is not used. It is not necessary to	6	Optional Medical					
Worldwide Trip Protector Lite	• •	TDI F		1	include this element in the	10	Sports Equip. Coverage																		
•		11 66		'	request. If it is provided it is not	12	Cancel For Work Reason																		
		cancellation coverage will be zero amounts.		used.	17	Optional Flight																			
						18	Cancel For Any Reason																		

**Note:** \*Custom Coverage Dates is a new feature with 2008 products.

	Most Popular Plans – Prior to 2008						
Plan Name	Plan Description	Type ID Value	Ind. Trip Cost Amount Value	Coverage Type (Primary Coverage) Value	Policy Limit (Primary Coverage) Value	Coverage Type (Optional Cov.) Value	Policy Limit (Optional Coverage) Value
	Includes cancellation, medical,				This is not used. It	3	Collision damage limit (25000)
Worldwide Trip Protector	medical evacuation,	WTPC6	Amount of trip cancellation coverage for	1	is not necessary to include this element	6	Medical limit (50000)
Comprehensive T3000	ensive baggage, interruption, travel delay, and other benefits.  WIFCO the traveler. If the traveler does not want to cover the entire trip cost, put the coverage amount in this field.  in the request. If it is provided it is not used.	17	Flight limit (100000, 250000, 500000, 1000000)				
	Same as	prehensive out erage for paid  WTPD6  WTPD6  This is not used. It is not necessary to include the element in the request.	This is not used. It is not	nis '	This is not used. It is not necessary to include this element in the request. If it is provided it is not used.	3	Collision damage limit (25000)
Protector Post	Departure coverage for WII					6	Medical limit (50000)
T3000			element in the request. If it is provided it is not			17	Flight limit (100000, 250000, 500000, 1000000)
Trin Dratastar	Same as comprehensive		Amount of trip		This is not used. It	3	Collision damage limit (25000)
Trip Protector Gold Comprehensive	with large amounts of CPGD6 cancellation coverage for the traveler. If the traveler 1	is not necessary to include this element in the request. If it is	6	Medical limit (150000)			
T3020 medical and evacuation coverage.	evacuation		does not want to cover the entire trip cost, put the coverage amount in this field.		provided it is not used.	17	Flight limit (100000, 250000, 500000, 1000000)
Trip Protector Gold Post	Same as gold comprehensive	PDGD6	This is not used. It is not necessary to include this	7	This is not used. It is not necessary to	3	Collision damage limit (25000)
Departure T3020	without coverage for		element in the request. If it is provided it is not		include this element in the request. If it is	6	Medical limit (150000)

	Most Popular Plans – Prior to 2008						
Plan Name	Plan Description	Type ID Value	Ind. Trip Cost Amount Value	Coverage Type (Primary Coverage) Value	Policy Limit (Primary Coverage) Value	Coverage Type (Optional Cov.) Value	Policy Limit (Optional Coverage) Value
	pre-paid expenses.		used.		provided it is not used.	17	Flight limit (100000, 250000, 500000, 1000000)
Airline Ticket Protector 2006	This is a comp. plan with replacement of non-refundable airline tickets.	ALTP06	This is not used. It is not necessary to include this element in the request. If it is provided it is not used.	1	This is not used. It is not necessary to include this element in the request. If it is provided it is not used.	17	Flight limit (100000, 250000, 500000, 1000000)

# **XML Elements Explained**

This section gives information about the request and response elements. It is not designed to show the structure of the XML, but rather to give more information than what is provided in the XML schema. For XML structure see the example XMLs in <a href="Appendix A">Appendix A</a> or refer to the schemas provided along with this document.

The search, quote and book operations all require a POS element. The following table gives an explanation of POS.

Request Elements				
Element or Attribute Name	Description			
POS				
Source				
AgentSine	The name or producer code of the agent that initiated this request. If the producer code is provided, this is used to tie a product to an agent. If the producer code is not found in the database or the name is provided, it is used for logging purposes only.			
RequestorID				
ID	The TII user id of the agent or agency performing this request. This is checked against the database, so it must be a valid user id in the TII database.			
MessagePassword	The user's password. This is checked against the database, so it must be a valid			

Request Elements				
Element or Attribute Name	Description			
	password.			
	This is a required field in the OTA schema, but TII does not use it. Fill this with the			
Туре	number 1.			
CompanyName				
Code	The company code of the agency performing this request. This is checked against the database, so it must be valid. Depending on the value of the CodeContext attribute this will either be a TII or a booking channel agency number.			
Code context	This is an optional attribute that designates which type of company code is specified. Available values are: TII and Booking Channel. If this is not specified, the default value will be TII. If you choose TII that indicates the code is a TII agency number. If you specify Booking Channel, that indicates the code is a booking channel agency number. The booking channel numbers must be setup in the TII database in order for this option to work.			
BookingChannel	This is an optional element that indicates the request is coming from a booking channel.			
Type	This is an OTA required field. TII does not use it. Enter the number 1.			
CompanyName				
Code	This is the Travel Insured GDS code.			

The operations return a similar response structure. The following table describes these common parts of the response.

Response Elements				
Element or Attribute Name	Description			
Success	The presence of this element indicates that your request was successful.			
Warnings	These are any warnings that occurred during processing.			
Warning				
Code				
RecordID	If this element has a value it means that the warning pertains to one of the request elements. For example, if you send in two PlanForBookRQ elements within an OTA_InsuranceBookRQ and the second one fails for some reason, you will get a warning with a RecordID of 1.			
Status				
Туре				
Errors				
Error	This contains the error message.			
Code	The error code.			

Response Elements				
Element or Attribute Name Description				
RecordID	The RecordID of the record that caused the error.			
Status	The status of the request.			
Туре	The type of error.			

# Ping

# Request

The table below explains the ping request elements.

Request Elements				
Element or Attribute Name Description				
OTA_PingRQ				
-	This is a required field in the OTA schema, but TII does not use it. Fill this with the			
Version	version of the OTA schema we are currently using, which is 1.006			
EchoData	This is the text that is echoed back in the response.			

# Response

Response Elements	
Element or Attribute Name	Description
OTA_PingRS	
Success	This element is described above.
EchoData	This is your request text echoed back.

# Search

# Request

The table below explains the search request elements. The schema will give you more information about the exact values allowed in each element. If an optional element is not needed for your purposes, it is not necessary to include it in the request with an empty

value. Including it in the request with an empty value will either cause the XML to not validate against the schema or it will produce an error while processing.

Request Elements	
Element or Attribute Name	Description
OTA_InsurancePlanSearchRQ	
DetailResponse	A boolean that determines if you want details or not.
Version	This is a required field in the OTA schema, but TII does not use it. Fill this with the version of the OTA schema we are currently using, which is 1.006
POS	This element is described above.
CoveragePreferences	These are optional allowing you to retrieve plans based on coverage preferences.
CoveragePreference	
CoverageLevel	The coverage level. This is either "Primary" or "Optional".
CoverageType	TII supports the following coverage types: 1 (Trip Cancel), 3 (Collision), 6 (Medical), 7 (Trip Protection) for prior 2008 products, 10 (Sports Coverage), 12 (Cancel for Work reason), 17 (A D & D) and 18 (Cancel for Any Reason). Not every plan supports each
CoverageType	type, though. 3, 6, 10, 12, 17 and 18 are optional coverages.

# Response

The table below explains the response elements. For more detailed information reference the schema.

Response Elements	
Element or Attribute Name	Description
OTA_InsurancePlanSearchRS	
Version	
Success	This element is described above.
Warnings	This element is described above.
AvailablePlans	
AvailablePlan	There will be one of these for each plan.
PlanID	
PlanDetail	
PlanDescription	
Title	The name of the plan.
	There will be two subsections. One is called Product Details and it contains basic
	information about the product. The other is called Product Coverages which has
SubSection	coverage information. More detailed information is provided below this table.
SubTitle	This will have one of two values, "Product Details" or "Product Coverages".

Response Elements	
Element or Attribute Name	Description
Paragraph	The paragraphs give more information about the subsections. Product Details has two paragraphs: "Product Code" and "Benefit Summary". Product Coverages has paragraph for each of its coverages.
Name	This is either "Product Code", "Benefit Summary" or one of the coverage names.
	For "Product Code" and "Benefit Summary" the value will be either the product code or the benefit summary URL. See below this table for more details for the coverage
Text\URL	paragraphs.
ProviderDetail	
ProviderCompany	
CompanyShortName	The company's name providing the products. This will be Travel Insured International.
TravelSector	The company's travel sector.
PlanRestrictions	Any restrictions on the product.
PlanRestriction	The value of this element contains the restriction information.
Code	The restriction code.
Name	The name of the restriction.

Here is part of a response showing all the information contained within a paragraph.

```
<SubSection SubTitle="Product Coverages">
      <Paragraph Name="Medical Insurance">
             <Text>Coverage Code=6</Text>
             <Text>Coverage Level=Primary</Text>
             <Text>Limit=50000;Deductibles=100,250,500,1000,2500</Text>
             <Text>Limit=100000; Deductibles=100,250,500,1000,2500</Text>
             <Text>Limit=500000; Deductibles=100,250,500,1000,2500</Text>
             <Text>Limit=10000; Deductibles=100,250,500,1000,2500</Text>
      </Paragraph>
      <Paragraph Name="Collision Damage Waiver">
             <Text>Coverage Code=3</Text>
             <Text>Coverage Level=Optional</Text>
             <Text>Limit=50000</Text>
             <Text>Custom Dates=Optional</Text>
      </Paragraph>
</SubSection>
```

Each coverage will have a coverage code and level. If the coverage has limits, there will be limits. If the coverage has deductibles, there will be deductibles following each limit. If there are no deductibles, the word "deductibles" will not appear. The coverage code and coverage level are used to quote or book.

### Quote

# Request

This section describes the quote request structure. The schema will give you more information about the exact values allowed in each element. If an optional element is not needed for your purposes, it is not necessary to include it in the request with an empty value. Including it in the request with an empty value will either cause the XML to not validate against the schema or it will produce an error while processing.

Request Elements	
Element or Attribute Name	Description
OTA_InsuranceQuoteRQ	
Version	This is a required field in the OTA schema, but TII does not use it. Fill this with the version of the OTA schema we are currently using, which is 1.006
POS	This element is described above.
PlanForQuoteRQ	
Name	This is an optional field. It denotes the group name that the products should belong to be quoted. Valid values for this field are: Trip, Airline, SS-Medical, LS-Medical, Student, Business, and Group. If you are not quoting on a particular group, do not include this attribute in your request. If the TypeID and Name attributes are not present, quotes are returned for all products an agency can sell.
PlanID	This is a required field in the OTA schema, but TII does not use it. Fill it with a zero (0)
TypeID	This is an optional field. It denotes the plan type to be quoted. These are TII product codes (such at 'WTPC6'). If you are not quoting on a particular plan, do not include this attribute in your request. If the TypeID and Name attributes are not present, quotes are returned for all products an agency can sell.
CoveredTravelers	
CoveredTraveler	
CoveredPerson	
BirthDate	
Relation	Relation is either 'PrimaryTraveler' or 'Traveler'. There must be at least one PrimaryTraveler.
GivenName	

Request Elements		
Element or Attribute Name	Description	
Surname		
CitizenCountryName		
Code	This is the ISO3166 country code. For the United States, this value is "US". For Canada, this value is "CA".	
IndTripCost		
Amount	This is used for extensive plans. It is the amount of trip cancellation coverage for the traveler. If the traveler does not want to cover the entire trip cost, put the coverage amount in this field.	
InsCoverageDetail		
EffectiveDate		
Туре	This is a required element in the OTA schema, but TII does not use it. Enter one of the possible values: "SingleTrip", "MultiTrip" and "Other".	
CoverageRequirements	These are optional. If you do not have any coverage information to query with, do not include a CoverageRequirements element in your request.	
CoverageRequirement	Include a CoverageRequirement if you would like to specify a limit or deductible on a primary medical plan or a limit on an optional coverage.	
CoverageLevel	This is an optional field used to denote if the coverage level is primary or optional. The only time this is required is with medical plans. We need to know which type of medical coverage you are interested in.	
CoverageType	TII supports the following coverage types: 1 (Trip Cancel), 3 (Collision), 6 (Medical), 7 (Trip Protection) used in prior 2008 products, 17 (A D & D). 10 (Sports Coverage), 12 (Cancel for Work Reason), 18 (Cancel for Any Reason). Not every plan supports each type, though. 3, 6, 10, 12, 17 and 18 are optional coverages.	
Deductible	This is only used for medical policies. Do not include this element if the policy is not a medical policy.	
Amount		
PolicyLimit		
Amount	This is used to indicate the coverage limit for optional coverages or for primary medical coverage.	
CoveredTrips		
CoveredTrip		
Start		
End		

The following table explains the elements used by the different plans.

Elements and Plans		
Element Name	Plans	Use
BirthDate	All (Extensive, Post Departure and Primary Medical)	This is used in figuring the premium and is required for all plans.
IndTripCost	Extensive	The amount of trip cancellation coverage. This is required for extensive plans.
EffectiveDate	Primary Medical	The start date of the coverage. This is required for primary medical.
Deductible Amount	Primary Medical	The deductible on the medical coverage. This is optional. If it is not specified, multiple quotes will be returned - one for each deductible.
PolicyLimit Amount	Primary Medical and Optional Coverages	The limit of coverage. This is optional. If it is not specified, multiple quotes will be returned - one for each limit.
Start	Extensive and Post Departure	The start date of the coverage. This is required for extensive and post departure plans.
End	All	The end date of the coverage. This is used in figuring the premium and is required for all plans.

# Response

The table below explains the response elements. For more detailed information reference the schema.

Response Elements	
Element or Attribute Name	Description
OTA_InsuranceQuoteRS	
Version	
Success	This element is described above.
Warnings	This element is described above.
PlanForQuoteRS	Each one of these elements represents a separate quote.
Name	The name of the plan.
PlanID	This is not used by the system and will be the same value you provided in your request.
RPH	This indicates the index of the PlanForQuoteRQ element this matches up with. This is handy to use if you sent in multiple PlanForQuoteRQs in the request.
TypeID	If you provided a type id in your request, it will be here in the response. If you did not provide one, it will be filled in for you by the Web Service.
QuoteDetail	

Response Elements		
Element or Attribute Name	Description	
EffectiveDate	The effective date of the quote.	
ExpirationDate	The expiration date of the quote.	
ProviderCompany	Information about the company provided the insurance.	
CompanyShortName		
TravelSector		
QuoteDetailURL	A URL to the benefits summary document for this product (if available).	
PlanRestrictions	Any restrictions on the product.	
PlanRestriction	The value of this element contains the restriction information.	
Name	The name of the restriction.	
InsCoverageDetail		
EffectiveDate	The effective date provided in the request. If it was not provided, this element will not be present.	
Туре	This is not used by the system and will be the same value you provided in your request.  The CoverageRequirements in the response may be different than in the request. If	
O D	you did not provide any or some of the information was not complete it will be filled in for you in the response. This is critical in understanding the quotes that were returned. For example, if optional flight coverage was passed in with no limit, you will get back multiple PlanForQuoteRS elements, one for each limit. The limit will be filled in on each	
CoverageRequirements	one so you know what the value is.	
CoverageRequirement		
CoverageLevel		
CoverageType		
Deductible		
Amount		
PolicyLimit		
Amount CoveredTrips	This will be the come information that was provided	
-	This will be the same information that was provided.	
CoveredTrip Start		
End		
PlanCost	This is where the cost information is provided.	
Amount	This is where the cost information is provided.  This is the total cost of the plan (including premium and charges)	
Amount	This is the total cost of the plan (including premium and charges)  This is the premium amount. If optional coverages are requested, all the premiums are	
BasePremium	added up and returned in this element.	
Amount		

Response Elements		
Element or Attribute Name	Description	
Charges	The plan charges.	
Charge		
Amount		
Code	The type of charge.	
Contact	Contact information in case you want to talk to someone about the quote.	
ContactType		
Relation		
Telephone		
PhoneNumber		
PhoneTechType		
PhoneUseType		
Address		
Туре		
AddressLine		
CityName		
PostalCode		
StateProv		
StateCode		
CountryName		
Code		
CompanyName		
CompanyShortName		
TravelSector		

# Book

# Request

This section describes the book request structure. The schema will give you more information about the exact values allowed in each element. If an optional element is not needed for your purposes, it is not necessary to include it in the request with an empty value. Including it in the request with an empty value will either cause the XML to not validate against the schema or it will produce an error while processing.

Request Elements	
Element or Attribute Name	Description
OTA_InsuranceBookRQ	
	This is a required field in the OTA schema, but TII does not use it. Fill this with the version of
Version	the OTA schema we are currently using, which is 1.006
POS	This element is described above.
PlanForBookRQ	
PlanID	The policy id of the policy being purchased, if it is created by the caller. In most circumstances this should be 0, which signals TII to create this for you.
TypeID	The plan type to be purchased. These are TII product codes (such at 'WTPC6').
CoveredTravelers	
CoveredTraveler	
CoveredPerson	
BirthDate	
Relation	Relation is either 'PrimaryTraveler' or 'Traveler'. There must be at least one PrimaryTraveler.
GivenName	
MiddleName	
Surname	
Email	
EmailType	Although the OTA codes allow many different types of e-mail addresses, type 1 (personal) will be put in TII's primary e-mail address. If a second e-mail is provided, it will go in the secondary e-mail address regardless of type.
Address	Only valid US and Canadian addresses will be accepted.
Туре	Although the OTA codes allow many different types of addresses, type 1 (Home) will be put in TII's primary address. If a second address is provided, it will go in the secondary address regardless of type.
AddressLine	
CityName	
PostalCode	
StateProv	
StateCode	
CountryName	
Code	This is the ISO3166 country code. For the United States, this value is "US". For Canada, this value is "CA".
Telephone	
PhoneNumber	
PhoneTechType	PhoneUseType takes precedence over PhoneTechType. If a PhoneUseType does not map to a type in the database, PhoneTechType is used. If PhoneTechType cannot be mapped to a type, it defaults the type to Home. Type 3 (Fax) and 5 (Mobile) are mapped accordingly in the system.

Request Elements		
Element or Attribute Name	Description	
Dhanal laoTyro	PhoneUseType takes precedence over PhoneTechType. If a PhoneUseType does not map to a type in the database, PhoneTechType is used. If PhoneTechType cannot be mapped to a type, it defaults the type to Home. Type 3 (Daytime Contact) maps to business. Type 4 (Evening Contact) maps to primary. Type 5 (Contact) is mapped to home.	
PhoneUseType CitizenCountryName	Contact) maps to primary. Type 5 (Contact) is mapped to nome.	
CitizenCountryName	This is the ISO3166 country code. For the United States, this value is "US". For Canada, this	
Code	value is "CA".	
Document		
DocID		
DocIssueCountry	Document issue country is only used for passports.	
DocType	TII supports document types: 2 (passport), 4 (driver's license) and 5 (SSN).	
Beneficiary		
BenefitPercent	The benefit percent must equal 100%	
Name		
GivenName		
MiddleName		
Surname		
IndCoverageReqs		
IndTripCost		
Amount	This is used and required for extensive plans prior to 2008 products. It is the amount of trip cancellation coverage for the traveler. If the traveler does not want to cover the entire trip cost, put the desired coverage amount in this field. Or zero for 2008 products if trip cancellation coverage is not desired by the traveler.	
InsCoverageDetail	boverage is not desired by the traveler.	
EffectiveDate		
Type	This is a required element in the OTA schema, but TII does not use it. Enter one of the possible values: "SingleTrip", "MultiTrip" and "Other".	
CoverageRequirement	There must be at least one of these and it must specify a primary coverage (trip cancellation, trip protection or medical). There can be a number of optional coverages also.	
CoverageLevel	This is an optional field used to denote if the coverage level is primary or optional. The only time this is required is with medical plans. We need to know which type of medical coverage you are interested in.	
CoverageType	TII supports the following coverage types: 1 (Trip Cancel), 3 (Collision), 6 (Medical), 7 (Trip Protection) for prior 2008 products, 10 (Sports Coverage), 12 (Cancel for Work Reason), 17 (A D & D), 18 (Cancel for Any Reason). Not every plan supports each type, though. 3, 6, 10, 12, 17 and 18 are optional coverages. One primary coverage (1, 6 or 7 (for prior 2008 products) must always be specified.	
Coverage rype	This is only used for medical policies. Do not include this element if the policy is not a medical	
Deductible	policy.	

Request Elements		
Element or Attribute Name	Description	
Amount		
PolicyLimit		
Amount	This is used to indicate the coverage limit for optional coverages.	
CoveredTrips		
CoveredTrip		
Start		
End		
DepositDate		
Destinations		
Destination		
CityName		
StateProv		
CountryName		
Operators		
Operator		
CompanyShortName		
TravelSector		
DeliveryPref		
DistribType		
InsuranceCustomer		
Gender		
PaymentForm		
PaymentCard		
CardCode		
CardCode		
CardNumber		
ExpireDate		
SeriesCode		
CardHolderName		
Address		
Туре		
AddressLine		
CityName		
PostalCode		
StateProv		
StateCode		
CountryName		
Code		

Request Elements		
Element or Attribute Name	Description	
	An agency must be set up for direct bill in the TII database in order to use this as a payment	
DirectBill	option.	
Voucher	The only vouchers currently supported are special prepaid credit card transactions.	
	If this is a prepaid payment, fill this in with the letters "PPD" and the credit card transaction	
SeriesCode	number.	
PlanCost		
Amount	The total cost of the policy.	
BasePremium		
	If the payment is a net payment, base premium amount should be filled in with the net amount.	
Amount	If the payment is gross, this field is not necessary.	
Charges		
Charge		
Amount		
Code		
UniqueID	This is the booking channel unique identifier. It is an optional field.	
ID	The unique identifier.	
Туре	The type of unique identifier. The only type supported is 24 (PNR).	

The table below explains the response elements. For more detailed information reference the schema.

Response Elements		
Element or Attribute Name	Description	
OTA_InsuranceBookRS		
Version Success	This is a required field in the OTA schema, but TII does not use it. Fill this with the version of the OTA schema we are currently using, which is 1.006  This element is described above.	
Warnings	This element is described above.	
PlanForBookRS		
PlanID	The policy number.	
TypeID PolicyDetail	The plan type to be purchased. These are TII product codes (such at 'WTPC6').	

Response Elements		
Element or Attribute Name	Description	
PolicyNumber		
ID	This is the policy number.	
Туре	This is a required field in the OTA schema, but TII does not use it.	
PlanRestrictions		
PlanRestriction		
Code	The restriction code.	
Name	The restriction name.	
CoveredTravelers	This element is described in the booking request section above.	
InsCoverageDetail	This element is described in the booking request section above.	
PlanCost		
Amount	The cost of the premium.	
BasePremium		
Amount	The base premium amount.	
Charges		
Charge		
Amount	The amount of the charge.	
Code	The type of charge.	

## Appendix A

## **Ping**

## Request

## Response

```
<?xml version="1.0" encoding="utf-8"?>
<OTA_PingRS Version="0" xmlns="http://www.opentravel.org/OTA/2003/05"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
    <Success/>
    <EchoData>This is a test.</EchoData>
</OTA_PingRS>
```

## Search

## Request

This request is for all products available to be sold by the agency with a TII agency code of '00000'. The user id for this agency is 'id' and the password is 'password'.

```
<?xml version="1.0" encoding="utf-8"?>
<OTA_InsurancePlanSearchRS xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" Version="0" xmlns="http://www.opentravel.org/OTA/2003/05">
 <Success />
 <AvailablePlans>
   <AvailablePlan PlanID="0">
     <PlanDetail>
      <PlanDescription Title="Worldwide Trip Protector Gold T-4010">
        <SubSection SubTitle="Product Details">
          <Paragraph Name="Product Code">
           <Text>TPG8</Text>
          </Paragraph>
          <Paragraph Name="Benefit Summary" />
        </SubSection>
        <SubSection SubTitle="Product Coverages">
          <Paragraph Name="Comprehensive">
           <Text>Coverage Code=1</Text>
           <Text>Coverage Level=Primary</Text>
           <Text>Limit=30000</Text>
          </Paragraph>
          <Paragraph Name="Trip Cancel - Any Reason">
           <Text>Coverage Code=18</Text>
           <Text>Coverage Level=Optional</Text>
          </Paragraph>
          <Paragraph Name="Optional Medical">
           <Text>Coverage Code=6</Text>
           <Text>Coverage Level=Optional</Text>
          </Paragraph>
          <Paragraph Name="Optional Flight">
           <Text>Coverage Code=17</Text>
           <Text>Coverage Level=Optional</Text>
           <Text>Limit=500000</Text>
           <Text>Limit=1000000</Text>
          </Paragraph>
```

```
<Paragraph Name="Trip Cancel - Work Reason">
                                     <Text>Coverage Code=12</Text>
                                     <Text>Coverage Level=Optional</Text>
                                </Paragraph>
                                <Paragraph Name="Sports Coverage">
                                     <Text>Coverage Code=10</Text>
                                     <Text>Coverage Level=Optional</Text>
                                     <Text>Limit=1000</Text>
                                </Paragraph>
                          </SubSection>
                     </PlanDescription>
               </PlanDetail>
                 <ProviderDetail>
                     <ProviderCompany CompanyShortName="Travel Insured International" TravelSector="4" />
                </ProviderDetail>
                <PlanRestrictions>
                     <PlanRestriction Code="ACA14" Name="Trip Cancellation">100% Trip Cost</PlanRestriction>
                     <PlanRestriction Code="TDEA6" Name="Trip Interruption">150% Trip Cost</PlanRestriction>
                     <PlanRestriction Code="MCEA3" Name="Missed Connection (3 hours)">$750</PlanRestriction>
                     <PlanRestriction Code="MCTE3" Name="Trip Delay (6 hours)">$1,500 ($200/day)</PlanRestriction>
                     <PlanRestriction Code="EBGPE" Name="Baggage & Description Code="EBGPE" Name="B
                     <PlanRestriction Code="EBGDL12" Name="Baggage Delay (12 hours)">$500</PlanRestriction>
                     <PlanRestriction Code="PC24" Name="Pet Care">$300</PlanRestriction>
                     <PlanRestriction Code="EASE50" Name="Emergency Accident & Sickness Medical Expense">$250,000 ($50)
deductible)</PlanRestriction>
                     <PlanRestriction Code="EEME" Name="Emergency Evacuation & Examp; Repatriation">$1,000,000</PlanRestriction>
                     <PlanRestriction Code="ADDDE" Name="Accidental Death & Dismemberment">$50,000</PlanRestriction>
                     <PlanRestriction Code="FDS" Name="Flight Accidental Death & De
                     <PlanRestriction Code="CDWLU" Name="Collision Damage Waiver">$50,000</PlanRestriction>
                </PlanRestrictions>
           </AvailablePlan>
          <AvailablePlan PlanID="0">
                <PlanDetail>
                     <PlanDescription Title="Travel Confident Plan 2006">
                          <SubSection SubTitle="Product Details">
                                <Paragraph Name="Product Code">
```

```
<Text>TCPP06</Text>
          </Paragraph>
          <Paragraph Name="Benefit Summary" />
        </SubSection>
        <SubSection SubTitle="Product Coverages">
          <Paragraph Name="Comprehensive">
           <Text>Coverage Code=1</Text>
           <Text>Coverage Level=Primary</Text>
           <Text>Limit=2000</Text>
          </Paragraph>
        </SubSection>
      </PlanDescription>
     </PlanDetail>
     <ProviderDetail>
      <ProviderCompany CompanyShortName="Travel Insured International" TravelSector="4" />
     </ProviderDetail>
     <PlanRestrictions>
      <PlanRestriction Code="PAE52" Name="Trip Cancellation">Trip Cost</PlanRestriction>
      <PlanRestriction Code="CLIQ" Name="Trip Interruption">Trip Cost</PlanRestriction>
      <PlanRestriction Code="CLMR" Name="Emergency Accident and Sickness Medical Expense">$5,000</PlanRestriction>
      <PlanRestriction Code="CLLE" Name="Emergency Evacuation and Repatriation of Remains">$20,000</PlanRestriction>
      <PlanRestriction Code="RAW7a" Name="Baggage/Personal Effects">$1,000</PlanRestriction>
      <PlanRestriction Code="EEEF" Name="Worldwide Emergency Assistance Services">Included</PlanRestriction>
     </PlanRestrictions>
   </AvailablePlan>
   <AvailablePlan PlanID="0">
     <PlanDetail>
      <PlanDescription Title="Worldwide Trip Protector Comprehensive T3000">
        <SubSection SubTitle="Product Details">
          <Paragraph Name="Product Code">
           <Text>WTPC6</Text>
          </Paragraph>
          <Paragraph Name="Benefit Summary">
           <URL>http://www.TravelInsured.com/TIDocuments/Product%20PDF%20Features%20and%20Benefits/WTPC6 -
Benefit Summary.pdf</URL>
          </Paragraph>
```

```
</SubSection>
   <SubSection SubTitle="Product Coverages">
     <Paragraph Name="Comprehensive">
      <Text>Coverage Code=1</Text>
      <Text>Coverage Level=Primary</Text>
      <Text>Limit=10000</Text>
     </Paragraph>
     <Paragraph Name="Optional Flight">
      <Text>Coverage Code=17</Text>
      <Text>Coverage Level=Optional</Text>
      <Text>Limit=100000</Text>
      <Text>Limit=250000</Text>
      <Text>Limit=500000</Text>
      <Text>Limit=1000000</Text>
     </Paragraph>
     <Paragraph Name="Optional Medical">
      <Text>Coverage Code=6</Text>
      <Text>Coverage Level=Optional</Text>
      <Text>Limit=50000</Text>
     </Paragraph>
     <Paragraph Name="Collision Damage Waiver">
      <Text>Coverage Code=3</Text>
      <Text>Coverage Level=Optional</Text>
      <Text>Limit=25000</Text>
     </Paragraph>
   </SubSection>
 </PlanDescription>
</PlanDetail>
<ProviderDetail>
 <ProviderCompany CompanyShortName="Travel Insured International" TravelSector="4" />
</ProviderDetail>
<PlanRestrictions>
 <PlanRestriction Code="ACA14" Name="Trip Cancellation">Up To Trip Cost</PlanRestriction>
 <PlanRestriction Code="ART14" Name="Trip Interruption">Up to 150% Trip Cost</PlanRestriction>
 <PlanRestriction Code="MCEA3" Name="Missed Connection">$300</PlanRestriction>
```

```
<PlanRestriction Code="MCTE3" Name="Trip Delay">$750 ($150/day)</PlanRestriction>
   <PlanRestriction Code="BGPE" Name="Baggage and Personal Effects">$1,000/PlanRestriction>
   <PlanRestriction Code="BGDL" Name="Baggage Delay">$200</PlanRestriction>
   <PlanRestriction Code="PSE10" Name="Emergency Accident and Sickness Medical Expense">$50,000</PlanRestriction>
   <PlanRestriction Code="EEME" Name="Emergency Evacuation and Repatriation of Remains">$500,000</PlanRestriction>
   <PlanRestriction Code="OFDE" Name="Accidental Death & Dismemberment">$10,000</PlanRestriction>
 </PlanRestrictions>
</AvailablePlan>
<AvailablePlan PlanID="0">
 <PlanDetail>
   <PlanDescription Title="Worldwide Trip Protector 2008 T-4000">
    <SubSection SubTitle="Product Details">
      <Paragraph Name="Product Code">
        <Text>WTP8</Text>
      </Paragraph>
      <Paragraph Name="Benefit Summary" />
    </SubSection>
    <SubSection SubTitle="Product Coverages">
      <Paragraph Name="Comprehensive">
        <Text>Coverage Code=1</Text>
        <Text>Coverage Level=Primary</Text>
        <Text>Limit=30000</Text>
      </Paragraph>
      <Paragraph Name="Collision Damage Waiver">
        <Text>Coverage Code=3</Text>
        <Text>Custom Dates=Optional</Text>
        <Text>Limit=50000</Text>
      </Paragraph>
      <Paragraph Name="Optional Flight">
        <Text>Coverage Code=17</Text>
        <Text>Coverage Level=Optional</Text>
        <Text>Limit=100000</Text>
        <Text>Limit=250000</Text>
        <Text>Limit=500000</Text>
        <Text>Limit=1000000</Text>
      </Paragraph>
```

```
<Paragraph Name="Optional Medical">
                           <Text>Coverage Code=6</Text>
                           <Text>Coverage Level=Optional</Text>
                           <Text>Limit=100000</Text>
                        </Paragraph>
                        <Paragraph Name="Trip Cancel - Any Reason">
                           <Text>Coverage Code=18</Text>
                           <Text>Coverage Level=Optional</Text>
                        </Paragraph>
                        <Paragraph Name="Trip Cancel - Work Reason">
                           <Text>Coverage Code=12</Text>
                           <Text>Coverage Level=Optional</Text>
                        </Paragraph>
                       <Paragraph Name="Sports Coverage">
                           <Text>Coverage Code=10</Text>
                           <Text>Coverage Level=Optional</Text>
                           <Text>Limit=1000</Text>
                       </Paragraph>
                   </SubSection>
               </PlanDescription>
            </PlanDetail>
            <ProviderDetail>
               <ProviderCompany CompanyShortName="Travel Insured International" TravelSector="4" />
            </ProviderDetail>
            <PlanRestrictions>
               <PlanRestriction Code="ACA14" Name="Trip Cancellation">100% Trip Cost*</PlanRestriction>
               <PlanRestriction Code="ARA14" Name="Trip Interruption">150% Trip Cost**</PlanRestriction>
               <PlanRestriction Code="MCEA3" Name="Missed Connection (3 hours)">$750</PlanRestriction>
               <PlanRestriction Code="MCTE3" Name="Trip Delay (6 hours)">$750 ($200/day)</PlanRestriction>
               <PlanRestriction Code="EBGPE" Name="Baggage & Description Code="EBGPE" Name="EBGPE" Name="
               <PlanRestriction Code="EBGDL12" Name="Baggage Delay (12 hours)">$300</PlanRestriction>
                <PlanRestriction Code="PC24" Name="Pet Care">$300</PlanRestriction>
               <PlanRestriction Code="EASE50" Name="Accident & Sickness Medical Expense">$50,000 ($50)
deductible)</PlanRestriction>
```

```
<PlanRestriction Code="EEME" Name="Emergency Evacuation & Department of the Code in the Co
Remains">$500,000</PlanRestriction>
               <PlanRestriction Code="ADDDE" Name="Accidental Death & Dismemberment">$25,000</PlanRestriction>
           </PlanRestrictions>
       </AvailablePlan>
       <AvailablePlan PlanID="0">
           <PlanDetail>
               <PlanDescription Title="Abracadabra! Cruises Protection Plan T2961">
                   <SubSection SubTitle="Product Details">
                       <Paragraph Name="Product Code">
                          <Text>ABRAC</Text>
                      </Paragraph>
                       <Paragraph Name="Benefit Summary">
<\!URL\!>\!http://www.TravelInsured.com/TIDocuments/Product\%20PDF\%20Features\%20and\%20Benefits/Abracadabra(AgentCard)rev.
1.28.08.pdf</URL>
                      </Paragraph>
                   </SubSection>
                   <SubSection SubTitle="Product Coverages">
                       <Paragraph Name="Comprehensive">
                          <Text>Coverage Code=1</Text>
                          <Text>Coverage Level=Primary</Text>
                          <Text>Limit=10000</Text>
                       </Paragraph>
                   </SubSection>
               </PlanDescription>
           </PlanDetail>
           <ProviderDetail>
               <ProviderCompany CompanyShortName="Travel Insured International" TravelSector="4" />
           </ProviderDetail>
            <PlanRestrictions>
               <PlanRestriction Code="CAW14" Name="Trip Cancellation">Up to Trip Cost</PlanRestriction>
               <PlanRestriction Code="RTW14" Name="Trip Interruption">150% of Trip Cancellation Limit</PlanRestriction>
               <PlanRestriction Code="MCTE3" Name="Trip Delay">$700</PlanRestriction>
               <PlanRestriction Code="MCEA3" Name="Missed Connection">$500</PlanRestriction>
               <PlanRestriction Code="PSE14" Name="Medical Expense">$25,000</PlanRestriction>
               <PlanRestriction Code="EEME" Name="Evacuation/Repatriation">$500,000</PlanRestriction>
```

```
<PlanRestriction Code="EBGPE" Name="Baggage/Personal Effects">$1,000</PlanRestriction>
      <PlanRestriction Code="EBGDL" Name="Baggage Delay">$200</PlanRestriction>
     </PlanRestrictions>
   </AvailablePlan>
   <AvailablePlan PlanID="0">
     <PlanDetail>
      <PlanDescription Title="Worldwide Trip Protector Post Departure T3000">
        <SubSection SubTitle="Product Details">
         <Paragraph Name="Product Code">
           <Text>WTPD6</Text>
         </Paragraph>
         <Paragraph Name="Benefit Summary">
           <URL>http://www.TravelInsured.com/TIDocuments/Product%20PDF%20Features%20and%20Benefits/WTPD6 -
Benefit Summary.pdf</URL>
         </Paragraph>
        </SubSection>
        <SubSection SubTitle="Product Coverages">
          <Paragraph Name="Optional Flight">
           <Text>Coverage Code=17</Text>
           <Text>Coverage Level=Optional</Text>
           <Text>Limit=100000</Text>
           <Text>Limit=250000</Text>
           <Text>Limit=500000</Text>
           <Text>Limit=1000000</Text>
         </Paragraph>
          <Paragraph Name="Post Departure">
           <Text>Coverage Code=7</Text>
           <Text>Coverage Level=Primary</Text>
         </Paragraph>
          <Paragraph Name="Optional Medical">
           <Text>Coverage Code=6</Text>
           <Text>Coverage Level=Optional</Text>
           <Text>Limit=50000</Text>
         </Paragraph>
          <Paragraph Name="Collision Damage Waiver">
           <Text>Coverage Code=3</Text>
```

```
<Text>Coverage Level=Optional</Text>
           <Text>Limit=25000</Text>
          </Paragraph>
        </SubSection>
      </PlanDescription>
     </PlanDetail>
     <ProviderDetail>
      <ProviderCompany CompanyShortName="Travel Insured International" TravelSector="4" />
     </ProviderDetail>
     <PlanRestrictions>
      <PlanRestriction Code="ART14" Name="Trip Interruption">Up to $1,000 Return Air</PlanRestriction>
      <PlanRestriction Code="TDEA6" Name="Missed Connection">$300</PlanRestriction>
      <PlanRestriction Code="TDTE6" Name="Trip Delay">$750 ($150/day)</PlanRestriction>
      <PlanRestriction Code="BGPE" Name="Baggage and Personal Effects">$1,000</PlanRestriction>
      <PlanRestriction Code="BGDL" Name="Baggage Delay">$200</PlanRestriction>
      <PlanRestriction Code="PSE10" Name="Emergency Accident and Sickness Medical Expense">$50,000</PlanRestriction>
      <PlanRestriction Code="EEME" Name="Emergency Evacuation and Repatriation of Remains">$500,000</PlanRestriction>
      <PlanRestriction Code="OFDE" Name="Accidental Death & Dismemberment">$10,000</PlanRestriction>
     </PlanRestrictions>
   </AvailablePlan>
 </AvailablePlans>
</OTA_InsurancePlanSearchRS>
```

## Quote

## Requests

Here is a request for a WTPC6 product by an agency with a TII agency code of '00000'. Their user id is 'id' and password is 'password'. The agent making the request has an id of 'agentId'. Since we have specified the exact product we wanted a quote for and did not include any specific coverage requirements, this request will return one response row.

#### Example 1:

```
<Source AgentSine="agentId">
            <RequestorID ID="id" MessagePassword="password" Type="1">
                <CompanyName Code="00000" CodeContext="TII"/>
            </RequestorID>
        </Source>
   </pos>
   <PlanForQuoteRQ PlanID="0" TypeID="WTP8">
        <CoveredTravelers>
            <CoveredTraveler>
                <CoveredPerson BirthDate="1971-01-01" Relation="PrimaryTraveler">
                    <GivenName>John</GivenName>
                    <Surname>Doe</Surname>
                </CoveredPerson>
                <CitizenCountryName Code="US"/>
                <IndCoverageRegs>
                    <IndTripCost Amount="1500"/>
                </IndCoverageRegs>
            </CoveredTraveler>
        </CoveredTravelers>
        <InsCoverageDetail Type="SingleTrip">
            <CoveredTrips>
                <CoveredTrip Start="2008-05-15" End="2008-05-31"/>
            </CoveredTrips>
        </InsCoverageDetail>
   </PlanForQuoteRQ>
</OTA InsuranceQuoteRQ>
```

#### Example 2:

The quote request from above has been modified to include a coverage type of 3, which is optional collision damage. We have specified the optional collision damage coverage date starting from 2008-05-15 to 2008-05-20 while the trip will continue until 2008-05-31.

```
<CoveredTravelers>
            <CoveredTraveler>
                <CoveredPerson BirthDate="1971-01-01" Relation="PrimaryTraveler">
                    <GivenName>John</GivenName>
                    <Surname>Doe</Surname>
                </CoveredPerson>
                <CitizenCountryName Code="US"/>
                <IndCoverageRegs>
                    <IndTripCost Amount="1500"/>
                </IndCoverageRegs>
            </CoveredTraveler>
        </CoveredTravelers>
        <InsCoverageDetail Type="SingleTrip">
                <CoverageRequirement CoverageLevel="Optional" CoverageType="3">
                    <PolicyLimit Amount="100000"/>
                    <CoverageDate Start="2008-05-15" End="2008-05-20"/>
                </CoverageRequirement>
            <CoveredTrips>
                <CoveredTrip Start="2007-05-15" End="2007-05-31"/>
            </CoveredTrips>
        </InsCoverageDetail>
   </PlanForOuoteRO>
</OTA InsuranceQuoteRQ>
```

### Example 3:

With this request, we have taken out the restriction that the quotes must be for the WTPC6 product. Instead, we are requesting all products in the 'trip' group. We have seven different groups of products to choose from: Trip, Airline, SS-Medical (Short Stay Medical), LS-Medical (Long Stay Medical), Student, Business, and Group.

```
<CoveredPerson BirthDate="1971-01-01" Relation="PrimaryTraveler">
                    <GivenName>John</GivenName>
                    <Surname>Doe</Surname>
                </CoveredPerson>
                <CitizenCountryName Code="US"/>
                <IndCoverageReqs>
                    <IndTripCost Amount="1500"/>
                </IndCoverageRegs>
            </CoveredTraveler>
        </CoveredTravelers>
        <InsCoverageDetail Type="SingleTrip">
            <CoveredTrips>
                <CoveredTrip Start="2007-05-15" End="2007-05-18"/>
            </CoveredTrips>
        </InsCoverageDetail>
   </PlanForQuoteRQ>
</OTA InsuranceQuoteRQ>
```

#### Example 4:

Here is a request where neither the product nor the group is specified. In this case, all products available to the agency will be quoted.

```
<?xml version="1.0" encoding="UTF-8"?>
<OTA InsuranceQuoteRQ Version="1" xmlns="http://www.opentravel.org/OTA/2003/05">
   <POS>
        <Source AgentSine="agentId">
            <RequestorID ID="id" MessagePassword="password" Type="1">
                <CompanyName Code="00000" CodeContext="TII"/>
            </RequestorID>
        </source>
   </pos>
   <PlanForQuoteRQ PlanID="0">
        <CoveredTravelers>
            <CoveredTraveler>
                <CoveredPerson BirthDate="1971-01-01" Relation="PrimaryTraveler">
                    <GivenName>John</GivenName>
                    <Surname>Doe</Surname>
                </CoveredPerson>
                <CitizenCountryName Code="US"/>
                <IndCoverageRegs>
                    <IndTripCost Amount="1500"/>
                </IndCoverageRegs>
```

Here is an example response. It is the response to the second quoting request above.

```
<?xml version="1.0" encoding="utf-8"?>
<OTA_InsuranceQuoteRS xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema"
instance" Version="1" xmlns="http://www.opentravel.org/OTA/2003/05">
      <Success />
     <PlanForQuoteRS PlanID="0" Name="Worldwide Trip Protector 2008 T-4000" TypeID="WTP8" RPH="0">
           <QuoteDetail EffectiveDate="2008-03-14" ExpireDate="2008-03-14">
                 <ProviderCompany CompanyShortName="Travel Insured International" TravelSector="4" />
                 <PlanRestrictions>
                        <PlanRestriction Code="ACA14" Name="Trip Cancellation">100% Trip Cost*</PlanRestriction>
                        <PlanRestriction Code="ARA14" Name="Trip Interruption">150% Trip Cost**</PlanRestriction>
                        <PlanRestriction Code="MCEA3" Name="Missed Connection (3 hours)">$750</PlanRestriction>
                        <PlanRestriction Code="MCTE3" Name="Trip Delay (6 hours)">$750 ($200/day)</PlanRestriction>
                        <PlanRestriction Code="EBGPE" Name="Baggage & Description Code="EBGPE" Name="B
                        <PlanRestriction Code="EBGDL12" Name="Baggage Delay (12 hours)">$300</PlanRestriction>
                        <PlanRestriction Code="PC24" Name="Pet Care">$300</PlanRestriction>
                       <PlanRestriction Code="EASE50" Name="Accident & Sickness Medical Expense">$50,000 ($50
deductible)</PlanRestriction>
                       Remains">$500,000</PlanRestriction>
                        <PlanRestriction Code="ADDDE" Name="Accidental Death & Dismemberment">$25,000</PlanRestriction>
                 </PlanRestrictions>
           </OuoteDetail>
```

```
<InsCoverageDetail Type="SingleTrip">
    <CoverageRequirements>
      <CoverageRequirement CoverageLevel="Optional" CoverageType="3">
        <PolicyLimit Amount="100000"/>
        <CoverageDate Start="2008-05-15" End="2008-05-20"/>
      </CoverageRequirement>
      <CoverageRequirement CoverageLevel="Primary" CoverageType="1">
        <PolicyLimit Amount="500" />
      </CoverageRequirement>
    </CoverageRequirements>
    <CoveredTrips>
      <CoveredTrip Start="2008-05-15" End="2008-06-31" />
    </CoveredTrips>
   InsCoverageDetail>
   <PlanCost Amount="76.00">
    <BasePremium Amount="68.00"/>
    <Charges>
      <Charge Code="14" Amount="8.00" />
    </Charges>
   </PlanCost>
   <Contact ContactType="permanent" Relation="self">
    <Telephone PhoneTechType="1" PhoneUseType="6" PhoneNumber="(800) 243-3174" />
    <Address Type="2">
      <AddressLine>52-South Oakland Avenue</AddressLine>
      <AddressLine>P.O. Box 280568</AddressLine>
      <CityName>East Hartford</CityName>
      <PostalCode>06128-</PostalCode>
      <StateProv StateCode="CT" />
      <CountryName Code="US" />
     </Address>
    <CompanyName CompanyShortName="Travel Insured International" TravelSector="4" />
   </Contact>
 </PlanForQuoteRS>
</OTA_InsuranceQuoteRS>
```

#### Book

#### Requests

#### Example 1:

This request is for a WTPC6 product to be paid for with a credit card. The travelers are going to Las Vegas between 5/15/2007 and 5/18/2007. The cost of the policy is \$69.00. Since the plan cost and base premium are both the same, this amount submitted is gross. The agency making the request has a TII agency code of '00000'. Their user name is 'id' and their password is 'password'. There is no booking agent involved in this transaction.

```
<?xml version="1.0" encoding="UTF-8"?>
<OTA InsuranceBookRQ Version="1" xmlns="http://www.opentravel.org/OTA/2003/05">
  <POS>
    <Source AgentSine="test">
      <RequestorID ID="id" MessagePassword="password" Type="1">
        <CompanyName Code="00000" CodeContext="TII"/>
      </RequestorID>
    </Source>
  </POS>
  <PlanForBookRQ PlanID="0" TypeID="WTPC6">
    <CoveredTravelers>
      <CoveredTraveler>
        <CoveredPerson BirthDate="1971-01-01" Relation="PrimaryTraveler">
          <GivenName>John</GivenName>
          <Surname>Doe</Surname>
        </CoveredPerson>
        <Address Type="1">
          <AddressLine>111 Asylum Ave</AddressLine>
          <CityName>Hartford</CityName>
          <PostalCode>06067</PostalCode>
          <StateProv StateCode="CT"/>
          <CountryName Code="US"/>
        </Address>
        <Telephone PhoneNumber="8601111111" PhoneUseType="4"/>
        <CitizenCountryName Code="US"/>
```

```
<Beneficiary BenefitPercent="100">
      <Name>
        <GivenName>Mary</GivenName>
        <Surname>Doe</Surname>
      </Name>
    </Beneficiary>
    <IndCoverageReqs>
      <IndTripCost Amount="1500"/>
    /IndCoverageReqs>
  </CoveredTraveler>
</CoveredTravelers>
<InsCoverageDetail EffectiveDate="2007-05-15" Type="SingleTrip">
  <CoverageRequirements>
    <CoverageRequirement CoverageLevel="Primary" CoverageType="1"/>
  </CoverageRequirements>
  <CoveredTrips>
    <CoveredTrip Start="2007-05-15" End="2007-05-21">
      <Destinations>
        <Destination>
          <CityName>Las Vegas</CityName>
        </Destination>
      </Destinations>
    </CoveredTrip>
  </CoveredTrips>
  <DeliveryPref DistribType="3"/>
InsCoverageDetail>
<InsuranceCustomer>
  <PaymentForm>
    <PaymentCard CardCode="VI" CardNumber="41111111111111111111234" ExpireDate="0908" SeriesCode="123">
      <CardHolderName>John P. Doe</CardHolderName>
    </PaymentCard>
  </PaymentForm>
InsuranceCustomer>
<PlanCost Amount="69.00">
  <BasePremium Amount="69.00"/>
</PlanCost>
```

```
</PlanForBookRQ>
</OTA_InsuranceBookRQ>
```

#### Example 2:

This is the same request as the one above, but it has been changed to have a direct bill payment type and the amount submitted is net. Notice the plan cost is \$69.00 and the base premium is \$60.00. Because they differ makes this a net payment. The only payment option available for net payments is direct bill.

```
<?xml version="1.0" encoding="UTF-8"?>
<OTA_InsuranceBookRQ Version="1" xmlns="http://www.opentravel.org/OTA/2003/05">
  <POS>
    <Source AgentSine="test">
      <RequestorID ID="id" MessagePassword="password" Type="1">
        <CompanyName Code="00000" CodeContext="TII"/>
      </RequestorID>
    </Source>
  </POS>
  <PlanForBookRQ PlanID="0" TypeID="WTPC6">
    <CoveredTravelers>
      <CoveredTraveler>
        <CoveredPerson BirthDate="1971-01-01" Relation="PrimaryTraveler">
          <GivenName>John</GivenName>
          <Surname>Doe</Surname>
        </CoveredPerson>
        <Address Type="1">
          <AddressLine>111 Asylum Ave</AddressLine>
          <CityName>Hartford</CityName>
          <PostalCode>06067</PostalCode>
          <StateProv StateCode="CT"/>
          <CountryName Code="US"/>
        </Address>
        <Telephone PhoneNumber="8601111111" PhoneUseType="4"/>
        <CitizenCountryName Code="US"/>
        <Beneficiary BenefitPercent="100">
          <Name>
            <GivenName>Mary</GivenName>
```

```
<Surname>Doe</Surname>
          </Name>
        </Beneficiary>
        <IndCoverageReqs>
          <IndTripCost Amount="1500"/>
        IndCoverageReqs>
      </CoveredTraveler>
    </CoveredTravelers>
    <InsCoverageDetail EffectiveDate="2007-05-15" Type="SingleTrip">
      <CoverageRequirements>
        <CoverageRequirement CoverageLevel="Primary" CoverageType="1"/>
      </CoverageRequirements>
      <CoveredTrips>
        <CoveredTrip Start="2007-05-15" End="2007-05-21">
          <Destinations>
            <Destination>
               <CityName>Las Vegas</CityName>
            </Destination>
          </Destinations>
        </CoveredTrip>
      </CoveredTrips>
      <DeliveryPref DistribType="3"/>
    InsCoverageDetail>
    <InsuranceCustomer>
      <PaymentForm>
        <DirectBill/>
      </PaymentForm>
    InsuranceCustomer>
    <PlanCost Amount="69.00">
      <BasePremium Amount="60.00"/>
    </PlanCost>
  </PlanForBookRQ>
</OTA_InsuranceBookRQ>
```

#### Example 3:

This is the same request changed to have a payment type of voucher. The only vouchers we accept are special prepaid credit card transactions. You indicate it is prepaid by setting the series code to a combination of the letters 'PPD' and the credit card transaction number.

```
<?xml version="1.0" encoding="UTF-8"?>
<OTA_InsuranceBookRQ Version="1" xmlns="http://www.opentravel.org/OTA/2003/05">
  <POS>
    <Source AgentSine="test">
      <RequestorID ID="id" MessagePassword="password" Type="1">
        <CompanyName Code="00000" CodeContext="TII"/>
      </RequestorID>
    </Source>
  </POS>
  <PlanForBookRQ PlanID="0" TypeID="WTPC6">
    <CoveredTravelers>
      <CoveredTraveler>
        <CoveredPerson BirthDate="1971-01-01" Relation="PrimaryTraveler">
          <GivenName>John</GivenName>
          <Surname>Doe</Surname>
        </CoveredPerson>
        <Address Type="1">
          <AddressLine>111 Asylum Ave</AddressLine>
          <CityName>Hartford</CityName>
          <PostalCode>06067</PostalCode>
          <StateProv StateCode="CT"/>
          <CountryName Code="US"/>
        </Address>
        <Telephone PhoneNumber="8601111111" PhoneUseType="4"/>
        <CitizenCountryName Code="US"/>
        <Beneficiary BenefitPercent="100">
          <Name>
            <GivenName>Mary</GivenName>
            <Surname>Doe</Surname>
          </Name>
        </Beneficiary>
```

```
<IndCoverageReqs>
          <IndTripCost Amount="1500"/>
        IndCoverageReqs>
      </CoveredTraveler>
    </CoveredTravelers>
    <InsCoverageDetail EffectiveDate="2007-05-15" Type="SingleTrip">
      <CoverageRequirements>
        <CoverageRequirement CoverageLevel="Primary" CoverageType="1"/>
      </CoverageRequirements>
      <CoveredTrips>
        <CoveredTrip Start="2007-05-15" End="2007-05-21">
          <Destinations>
             <Destination>
               <CityName>Las Vegas</CityName>
             </Destination>
           </Destinations>
        </CoveredTrip>
      </CoveredTrips>
      <DeliveryPref DistribType="3"/>
    InsCoverageDetail>
    <InsuranceCustomer>
      <PaymentForm>
        <DirectBill/>
      </PaymentForm>
    InsuranceCustomer>
    <PlanCost Amount="69.00">
      < Voucher Series Code="PPD111"/>
    </PlanCost>
  </PlanForBookRQ>
</OTA InsuranceBookRQ>
```

Here is an example response. This response is to the first booking request provided above.

```
<?xml version="1.0" ?>
<OTA InsuranceBookRS Version="1"
  xmlns="http://www.opentravel.org/OTA/2003/05"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Success/>
  <PlanForBookRS PlanID="070430WTPC607" TypeID="WTPC6">
    <PolicyDetail>
      <PolicyNumber ID="070430WTPC607" Type="19"/>
    </PolicyDetail>
    <CoveredTravelers>
      <CoveredTraveler>
        <CoveredPerson BirthDate="1971-01-01" Relation="PrimaryTraveler">
          <GivenName>John</GivenName>
          <Surname>Doe</Surname>
        </CoveredPerson>
        <Address Type="1">
          <AddressLine>111 Asylum Ave</AddressLine>
          <CityName>Hartford</CityName>
          <PostalCode>06067</PostalCode>
          <StateProv StateCode="CT"/>
          <CountryName Code="US"/>
        </Address>
        <Telephone PhoneNumber="8601111111" PhoneUseType="4"/>
        <CitizenCountryName Code="US"/>
        <Beneficiary BenefitPercent="100">
          <Name>
            <GivenName>Mary</GivenName>
            <Surname>Doe</Surname>
          </Name>
        </Beneficiary>
        <IndCoverageReqs>
          <IndTripCost Amount="1500"/>
        IndCoverageReqs>
      </CoveredTraveler>
    </CoveredTravelers>
    <InsCoverageDetail EffectiveDate="2007-05-05" Type="SingleTrip">
```

```
<CoverageRequirements>
        <CoverageRequirement CoverageLevel="Primary" CoverageType="1"/>
      </CoverageRequirements>
      <CoveredTrips>
        <CoveredTrip End="2007-05-21" Start="2007-05-15">
          <Destinations>
            <Destination>
               <CityName>Las Vegas</CityName>
            </Destination>
          </Destinations>
        </CoveredTrip>
      </CoveredTrips>
      <DeliveryPref DistribType="3"/>
    InsCoverageDetail>
    <PlanCost Amount="69.00">
      <BasePremium Amount="63.00"/>
      <Charges>
        <Charge Amount="6.00" Code="14"/>
      </Charges>
    </PlanCost>
  </PlanForBookRS>
</OTA_InsuranceBookRS>
```

## **Appendix B**

#### WSDL

```
<?xml version="1.0" encoding="utf-8"?>
<wsdl:definitions xmlns:http="http://schemas.xmlsoap.org/wsdl/http/" xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"</p>
xmlns:s="http://www.w3.org/2001/XMLSchema" xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:tns="https://www.travelinsured.com/TIWebService/" xmlns:tm="http://microsoft.com/wsdl/mime/textMatching/"
xmlns:mime="http://schemas.xmlsoap.org/wsdl/mime/" targetNamespace="https://www.travelinsured.com/TIWebService/"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
 <wsdl:types>
  <s:schema elementFormDefault="qualified" targetNamespace="https://www.travelinsured.com/TIWebService/">
   <s:element name="Ping">
    <s:complexType>
     <s:sequence>
      <s:element minOccurs="0" maxOccurs="1" name="OTA_PingRQ" type="s:string" />
     </s:sequence>
    </s:complexType>
   </s:element>
   <s:element name="OTA_PingRS">
    <s:complexType>
     <s:sequence>
      <s:element minOccurs="0" maxOccurs="1" name="PingResult" type="s:string" />
     </s:sequence>
    </s:complexType>
   </s:element>
   <s:element name="Book">
    <s:complexType>
     <s:sequence>
      <s:element minOccurs="0" maxOccurs="1" name="OTA_InsuranceBookRQ" type="s:string" />
     </s:sequence>
    </s:complexType>
   </s:element>
   <s:element name="OTA_InsuranceBookRS">
```

```
<s:complexType>
  <s:sequence>
   <s:element minOccurs="0" maxOccurs="1" name="BookResult" type="s:string" />
  </s:sequence>
</s:complexType>
</s:element>
<s:element name="Process">
<s:complexType>
  <s:sequence>
   <s:element minOccurs="0" maxOccurs="1" name="Request" type="s:string" />
  </s:sequence>
</s:complexType>
</s:element>
<s:element name="Response">
<s:complexType>
  <s:sequence>
   <s:element minOccurs="0" maxOccurs="1" name="ProcessResult" type="s:string" />
  </s:sequence>
</s:complexType>
</s:element>
<s:element name="Quote">
<s:complexType>
  <s:sequence>
   <s:element minOccurs="0" maxOccurs="1" name="OTA_InsuranceQuoteRQ" type="s:string" />
  </s:sequence>
</s:complexType>
</s:element>
<s:element name="OTA_InsuranceQuoteRS">
<s:complexType>
  <s:sequence>
   <s:element minOccurs="0" maxOccurs="1" name="QuoteResult" type="s:string" />
  </s:sequence>
</s:complexType>
</s:element>
<s:element name="Search">
<s:complexType>
```

```
<s:sequence>
     <s:element minOccurs="0" maxOccurs="1" name="OTA_InsurancePlanSearchRQ" type="s:string" />
    </s:sequence>
   </s:complexType>
  </s:element>
  <s:element name="OTA InsurancePlanSearchRS">
   <s:complexType>
    <s:sequence>
     <s:element minOccurs="0" maxOccurs="1" name="SearchResult" type="s:string" />
    </s:sequence>
   </s:complexType>
  </s:element>
 </s:schema>
</wsdl:types>
<wsdl:message name="PingSoapIn">
 <wsdl:part name="parameters" element="tns:Ping" />
</wsdl:message>
<wsdl:message name="PingSoapOut">
 <wsdl:part name="parameters" element="tns:OTA_PingRS" />
</wsdl:message>
<wsdl:message name="BookSoapIn">
 <wsdl:part name="parameters" element="tns:Book" />
</wsdl:message>
<wsdl:message name="BookSoapOut">
 <wsdl:part name="parameters" element="tns:OTA_InsuranceBookRS" />
</wsdl:message>
<wsdl:message name="ProcessSoapIn">
 <wsdl:part name="parameters" element="tns:Process" />
</wsdl:message>
<wsdl:message name="ProcessSoapOut">
 <wsdl:part name="parameters" element="tns:Response" />
</wsdl:message>
<wsdl:message name="QuoteSoapIn">
 <wsdl:part name="parameters" element="tns:Quote" />
</wsdl:message>
<wsdl:message name="QuoteSoapOut">
```

```
<wsdl:part name="parameters" element="tns:OTA_InsuranceQuoteRS" />
 </wsdl:message>
 <wsdl:message name="SearchSoapIn">
  <wsdl:part name="parameters" element="tns:Search" />
 </wsdl:message>
 <wsdl:message name="SearchSoapOut">
  <wsdl:part name="parameters" element="tns:OTA_InsurancePlanSearchRS" />
 </wsdl:message>
 <wsdl:portType name="ServiceSoap">
  <wsdl:operation name="Ping">
   <documentation xmlns="http://schemas.xmlsoap.org/wsdl/">This can be used to test connectivity. It returns the request
string.</documentation>
   <wsdl:input message="tns:PingSoapIn" />
   <wsdl:output message="tns:PingSoapOut" />
  </wsdl:operation>
  <wsdl:operation name="Book">
   <documentation xmlns="http://schemas.xmlsoap.org/wsdl/">Book an insurance policy using the OTA API. Both the request and
response will be OTA schema compliant.</documentation>
   <wsdl:input message="tns:BookSoapIn" />
   <wsdl:output message="tns:BookSoapOut" />
  </wsdl:operation>
  <wsdl:operation name="Process">
   <documentation xmlns="http://schemas.xmlsoap.org/wsdl/">Process a custom request. Calling this method requires a special
agreement between the client and TII.</documentation>
   <wsdl:input message="tns:ProcessSoapIn" />
   <wsdl:output message="tns:ProcessSoapOut" />
  </wsdl:operation>
  <wsdl:operation name="Quote">
   <documentation xmlns="http://schemas.xmlsoap.org/wsdl/">Quote insurance policies using the OTA API.</documentation>
   <wsdl:input message="tns:QuoteSoapIn" />
   <wsdl:output message="tns:QuoteSoapOut" />
  </wsdl:operation>
  <wsdl:operation name="Search">
   <documentation xmlns="http://schemas.xmlsoap.org/wsdl/">Search for insurance products.</documentation>
   <wsdl:input message="tns:SearchSoapIn" />
   <wsdl:output message="tns:SearchSoapOut" />
```

```
</wsdl:operation>
</wsdl:portType>
<wsdl:binding name="ServiceSoap" type="tns:ServiceSoap">
 <soap:binding transport="http://schemas.xmlsoap.org/soap/http" style="document" />
 <wsdl:operation name="Ping">
  <soap:operation soapAction="https://www.travelinsured.com/TIWebService/Ping" style="document" />
  <wsdl:input>
   <soap:body use="literal" />
  </wsdl:input>
  <wsdl:output>
   <soap:body use="literal" />
  </wsdl:output>
 </wsdl:operation>
 <wsdl:operation name="Book">
  <soap:operation soapAction="https://www.travelinsured.com/TIWebService/Book" style="document" />
  <wsdl:input>
   <soap:body use="literal" />
  </wsdl:input>
  <wsdl:output>
   <soap:body use="literal" />
  </wsdl:output>
 </wsdl:operation>
 <wsdl:operation name="Process">
  <soap:operation soapAction="https://www.travelinsured.com/TIWebService/Process" style="document" />
  <wsdl:input>
   <soap:body use="literal" />
  </wsdl:input>
  <wsdl:output>
   <soap:body use="literal" />
  </wsdl:output>
 </wsdl:operation>
 <wsdl:operation name="Quote">
  <soap:operation soapAction="https://www.travelinsured.com/TIWebService/Quote" style="document" />
  <wsdl:input>
   <soap:body use="literal" />
  </wsdl:input>
```

```
<wsdl:output>
    <soap:body use="literal" />
   </wsdl:output>
  </wsdl:operation>
  <wsdl:operation name="Search">
   <soap:operation soapAction="https://www.travelinsured.com/TIWebService/Search" style="document" />
   <wsdl:input>
    <soap:body use="literal" />
   </wsdl:input>
   <wsdl:output>
    <soap:body use="literal" />
   </wsdl:output>
  </wsdl:operation>
 </wsdl:binding>
 <wsdl:service name="Service">
  <documentation xmlns="http://schemas.xmlsoap.org/wsdl/" />
  <wsdl:port name="ServiceSoap" binding="tns:ServiceSoap">
   <soap:address location="https://test.travelinsured.com/TIWebService/Service.asmx" />
  </wsdl:port>
 </wsdl:service>
</wsdl:definitions>
```

## **Appendix C**

## **Error Responses**

There are different types of error responses that can be returned from a request. Below are some examples.

## **Invalid XML Structure Response**

Here is the request I submitted to the book operation. It does not conform to the schema:

```
<invalid/>
```

Here is the response I received. Notice the root element is OTA\_ErrorRS. If something bad or unrecoverable happens while trying to process the request you will get this response.

```
<?xml version="1.0" ?>
<OTA_ErrorRS ErrorCode="450"
    ErrorMessage="TII452:There is an error in XML document (1, 2).:&lt;invalid xmlns="> was not expected."
    Version="1.006" xmlns="http://www.opentravel.org/OTA/2003/05"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
```

## **Business Logic Error Response**

In this case, something in the XML does not match with the Travel Insured International business logic. In this example, I tried to purchase a product that the agency does not have the ability to sell. In fact, the product does not exist in the system at all.

```
Here is the request.
</xml version="1.0" ?>
</TA_InsuranceBookRQ Version="1.0" xmlns="http://www.opentravel.org/OTA/2003/05">
</POS>
</Source AgentSine="test">
</RequestorID ID="id" MessagePassword="password" Type="1">
</CompanyName Code="code"/>
</RequestorID>
</Source>
```

```
</POS>
<PlanForBookRQ PlanID="0" TypeID="INVALID">
  <CoveredTravelers>
    <CoveredTraveler>
      <CoveredPerson BirthDate="1971-07-10" Relation="PrimaryTraveler">
        <GivenName>John</GivenName>
        <Surname>Doe</Surname>
      </CoveredPerson>
      <Address Type="1">
        <AddressLine>111 Meadow Lane</AddressLine>
        <CityName>Hartford</CityName>
        <PostalCode>06067</PostalCode>
        <StateProv StateCode="CT"/>
        <CountryName Code="US"/>
      </Address>
      <IndCoverageReqs>
        <IndTripCost Amount="500"/>
      /IndCoverageReqs>
    </CoveredTraveler>
 </CoveredTravelers>
 <InsCoverageDetail Type="SingleTrip">
    <CoverageRequirements>
      <CoverageRequirement CoverageType="1">
        <PolicyLimit Amount="500"/>
      </CoverageRequirement>
    </CoverageRequirements>
    <CoveredTrips>
      <CoveredTrip Start="2007-05-15" End="2007-05-29">
        <Destinations>
          <Destination>
            <CountryName>US</CountryName>
          </Destination>
        </Destinations>
      </CoveredTrip>
    </CoveredTrips>
 InsCoverageDetail>
```

Here is the response. Notice it contains a OTA\_InsuranceBookRS root element. This indicates that we tried to process the request. There is one warning and it has a RecordID of 0. That indicates that the error happened while processing the first (and only) record in the request. The message shows us that the agency does not support the product code 'INVALID'.

```
<?xml version="1.0" encoding="utf-8"?>
<OTA_InsuranceBookRS Version="1.0"
  xmlns="http://www.opentravel.org/OTA/2003/05"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Success/>
  <Warnings>
    <Warning Code="320" RecordID="0" Status="NotProcessed" Type="1">TII350 : Agency does not support product
INVALID</Warning>
  </Warnings>
  <PlanForBookRS PlanID="0" TypeID="INVALID">
    <PolicyDetail>
      <PolicyNumber ID="0" Type="19"/>
    </PolicyDetail>
    <CoveredTravelers>
      <CoveredTraveler>
        <CoveredPerson BirthDate="1971-07-10" Relation="PrimaryTraveler">
           <GivenName>John</GivenName>
           <Surname>Doe</Surname>
        </CoveredPerson>
        <Address Type="1">
           <AddressLine>111 Meadow Lane</AddressLine>
          <CityName>Hartford</CityName>
           <PostalCode>06067</PostalCode>
```

```
<StateProv StateCode="CT"/>
          <CountryName Code="US"/>
        </Address>
        <IndCoverageReqs>
          <IndTripCost Amount="500"/>
        /IndCoverageReqs>
      </CoveredTraveler>
    </CoveredTravelers>
    <InsCoverageDetail Type="SingleTrip">
      <CoverageRequirements>
        <CoverageRequirement CoverageType="1">
          <PolicyLimit Amount="500"/>
        </CoverageRequirement>
      </CoverageRequirements>
      <CoveredTrips>
        <CoveredTrip End="2007-05-29" Start="2007-05-15">
          <Destinations>
             <Destination>
               <CountryName>US</CountryName>
            </Destination>
          </Destinations>
        </CoveredTrip>
      </CoveredTrips>
    InsCoverageDetail>
    <PlanCost Amount="30"/>
  </PlanForBookRS>
</OTA_InsuranceBookRS>
```

### No Data Error Response

This final example shows what is returned from a quote request when no data meets the criteria passed in.

```
Here is the request. It is for a quote in the past.
</xml version="1.0" encoding="UTF-8"?>
<OTA_InsuranceQuoteRQ Version="1" xmlns="http://www.opentravel.org/OTA/2003/05">
<POS>
```

```
<Source AgentSine="test">
      <RequestorID ID="id" MessagePassword="password" Type="1">
        <CompanyName Code="00000"/>
      </RequestorID>
    </Source>
  </POS>
  <PlanForQuoteRQ PlanID="0" TypeID="WTPC6">
    <CoveredTravelers>
      <CoveredTraveler>
        <CoveredPerson BirthDate="1971-01-01" Relation="PrimaryTraveler">
             <Surname>Tester</Surname>
        </CoveredPerson>
        <IndCoverageReqs>
          <IndTripCost Amount="500"/>
        IndCoverageReqs>
      </CoveredTraveler>
    </CoveredTravelers>
    <InsCoverageDetail Type="SingleTrip">
      <CoverageRequirements>
        <CoverageRequirement CoverageType="1">
          <PolicyLimit Amount="500"/>
        </CoverageRequirement>
      </CoverageRequirements>
      <CoveredTrips>
        <CoveredTrip Start="2000-01-01" End="2000-01-15"/>
      </CoveredTrips>
    InsCoverageDetail>
  </PlanForQuoteRQ>
</OTA_InsuranceQuoteRQ>
```

Here is the response indicating nothing was found that meets the criteria. Notice that it contains an OTA\_InsuranceQuoteRS root element, once again indicating we tried to process the request but just could not find a product that met your criteria.

```
<?xml version="1.0" encoding="utf-8"?>
<OTA_InsuranceQuoteRS Version="1"
   xmlns="http://www.opentravel.org/OTA/2003/05"</pre>
```

## **Appendix D**

## **Updates on Non – OTA Bookings**

### Note as of 3/17/2009

Prior to implementing the OTA compliant booking method (Book) in 2007, Travel Insured developed its own proprietary booking methods and these methods have been offered to its vendors since then. In an effort to make its web service booking facility fully compliant with OTA and streamline application processing, these three non OTA complaint methods are deprecated. While Travel Insured still support the existing vendors who are on these methods, they are not available to new vendors. New vendors planning to access our web service booking will be required to use Book – the OTA compliant booking method (please refer the Book to page 34).

There are three non-OTA booking methods created for a limited vendor bases and available for 2008 products. These three methods use Travel Insured proprietary booking schema and they are listed below:

- PurchaseInsurancePolicyXmlString
- PurchaseInsurancePolicyXmlDocument
- PurchaseInsurancePolicy

### **Optional Coverages Offered in New Products**

Optional Coverage Name	Description	Custom Coverage Dates	Remarks
Optional Sports Coverage	Sports Coverage	No	New Coverage
Optional Cancel For Any Reason	Cancel, any reason	No	New Coverage
Optional Cancel For Work Reason	Cancel, work reason	No	New Coverage
Optional Medical	Optional Medical Coverage	No	
Optional Flight	Optional Flight Coverage	No	
Collision Damage Waiver	CD/W	Yes	Within trip date range
Optional Baggage	Baggage	No	
Optional Primary Coverage Upgrade	Primary Coverage Upgrade	No	

Optional Travel Benefit Upgrade	Travel Benefit Upgrade	No	
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**Note:** The primary coverage of all new products is Extensive.

#### Sample Tags for Optional Coverage and Primary Coverage

- 1. Collision Damage Waiver (value in <CoverageAmount> is not used, fixed coverage):
  - <Coverage>
    - <EffectiveDate>2008-10-26T14:28:30.0000000-05:00</EffectiveDate>
  - <EndDate>2008-10-29T14:28:30.0000000-05:00</EndDate>
  - <CoverageAmount>50000</CoverageAmount>
  - <CoverageName>Collision Damage Waiver</CoverageName>
  - </Coverage>
- 2. Optional Sports coverage (value in <CoverageAmount> is not used, fixed coverage):
  - <Coverage>
  - <CoverageAmount>1000</CoverageAmount>
  - <CoverageName>Optional Sports Coverage</CoverageName>
  - </Coverage>
- 3. Optional Cancel for Any Reason (value in <CoverageAmount> is not used, 75% of trip cost):
  - <Coverage>
  - <CoverageAmount>0</CoverageAmount>
  - <CoverageName>Optional Cancel For Any Reason</CoverageName>
  - </Coverage>
- 4. Optional Cancel for Work Reason (value in <CoverageAmount> is not used):
  - <Coverage>
  - <CoverageAmount>0</CoverageAmount>
  - <CoverageName>Optional Cancel For Work Reason</CoverageName>
  - </Coverage>
- 5. Optional Medical (value in <CoverageAmount> is not used, fixed coverage):
  - <Coverage>
  - <CoverageAmount>50000</CoverageAmount>
  - <CoverageName>Optional Medical</CoverageName>
  - </Coverage>
- 6. Optional Flight:
  - <Coverage>

### **Custom Coverage Dates in Optional Coverage**

Certain optional coverage provided in 2008 products may offer flexible coverage dates and with such an option traveler can choose the length of the coverage dates within trip duration.

Following example shows a booking request excerpt for a Worldwide Trip Protector 08 policy for a trip starting 6/1/2008 and returning on 6/20/2008. Collision Damage Waiver is added as an optional coverage and it is requested to cover from 6/1/2008 to 6/8/2008

```
<Policy>
<Policy>
<DepartureDate>2008-06-01T00:00:00.0000000-05:00</DepartureDate>
<ReturnDate>2008-06-20 T00:00:00.00000000-05:00<</ReturnDate>
<ProductCode>WTP8</ProductCode>
...
<Coverage>
<EffectiveDate>2008-06-01T00:00:00.0000000-05:00</EffectiveDate>
<EndDate>2008-06-08T00:00:00.0000000-05:00</EndDate>
<CoverageAmount>50000</CoverageAmount>
<CoverageName>Collision Damage Waiver</CoverageName>
</Coverage>
...
</Policy>
```

### **Premium Data Validation**

Premium data in booking request will be validated against TII's pricing engine. If no match the request will be rejected. The response message will contain the error message. This is different from the handling by previous versions where requests would be accepted, even if premium amount is incorrect. Tag PaymentAmount in Payment section shown below is the number to be validated.

- <Payment>
- <PaymentAmount>38.00</PaymentAmount>
- <Pre><PrepaidCreditCardPayment>
- <Prepaid>true</Prepaid>
- <CreditCardTransactionId>V18A0AF4F685</CreditCardTransactionId>
- </PrepaidCreditCardPayment>
- </Payment>

# **Appendix E**

# Primary and Optional Coverage Available through OTA Bookings

Coverage Description	OTA Code	Custom Coverage Dates	Remarks
Base Coverage (Primary)	1	No	
Optional Rental Damage Waiver	3	Yes	
Optional Baggage	4	No	
Optional Medical	6	No	For products that offer optional medical.
Optional Primary Coverage Upgrade	6	No	For products that offer Primary Coverage Upgrade
Optional Travel Benefit Upgrade	7	No	
Optional Sports Coverage	10	No	
Optional Cancel for Work Reason	12	No	
Optional Flight Accident	17	No	
Optional Cancel for Any Reason	18	No	

## Appendix F

## **Booking Examples using Credit Card Payment**

The test web service does not require a valid credit card, but does require credit card numbers to be the correct format and pass the Luhn algorithm. Credit card numbers from the following site can be used.

 $\underline{https://www.paypalobjects.com/en\_US/vhelp/paypalmanager\_help/credit\_card\_numbers.htm}$ 

## Using OTA Compliant Booking Method

For OTA compliant booking method, method name Book, Credit card payment information is presented in the <InsuranceCustomer> segment of the booking request as shown below:

```
<InsuranceCustomer>
  <PaymentForm>
      <PaymentCard CardCode="VI" CardNumber="411111111111111234" SeriesCode="234" ExpireDate="0513">
      <CardHolderName>John Doe</CardHolderName>
      <Address Type="1"> <!-- CLT Type (Communication Location Type): 1-home, 2-business, 3-other -->
            <AddressLine>10 Main Street</AddressLine>
            <CityName>Avon</CityName>
            <PostalCode>06001</PostalCode>
            <StateProv StateCode="CT"/>
            <CountryName Code="US"/>
      </Address>
      </PaymentCard>
</PaymentForm>
InsuranceCustomer>
Here is the complete booking request sample:
<?xml version="1.0" encoding="utf-8"?>
```

```
<OTA InsuranceBookRQ xmlns:xsi=http://www.w3.org/2001/XMLSchema-instance
xmlns:xsd="http://www.w3.org/2001/XMLSchema" Version="1.006"
xmlns="http://www.opentravel.org/OTA/2003/05">
 <POS>
 <Source AgentSine="W99999">
   <RequestorID Type="1" ID="W99999" MessagePassword="W99999">
    <CompanyName Code="T99999" CodeContext="TII" />
   </RequestorID>
 </Source>
 </POS>
<PlanForBookRQ PlanID="0" TypeID="WTPL">
 <CoveredTravelers>
   <CoveredTraveler>
    <CoveredPerson Relation="PrimaryTraveler" BirthDate="1947-09-10">
      <GivenName>John</GivenName>
      <Surname>Doe</Surname>
    </CoveredPerson>
    <Email EmailType="1">johndoe@yahoo.com</Email>
    <Address Type="1">
      <AddressLine>10 Main Street</AddressLine>
      <CityName>Avon</CityName>
      <PostalCode>06001</PostalCode>
      <StateProv StateCode="CT" />
      <CountryName Code="US" />
    </Address>
    <Telephone PhoneUseType="4" PhoneNumber="8601112222" />
    <CitizenCountryName Code="US" />
    <Beneficiary BenefitPercent="100">
      <Name>
        <GivenName>Lisa</GivenName>
        <Surname>Doe</Surname>
      </Name>
    </Beneficiary>
    <IndCoverageReqs>
      <IndTripCost Amount="3500" />
    IndCoverageReqs>
```

```
</CoveredTraveler>
</CoveredTravelers>
<InsCoverageDetail EffectiveDate="2009-02-25" Type="SingleTrip">
 <CoverageRequirements>
   <CoverageRequirement CoverageLevel="Primary" CoverageType="1">
    <PolicyLimit Amount="3500" />
   </CoverageRequirement>
 </CoverageRequirements>
 <CoveredTrips>
   <CoveredTrip Start="2009-10-25" End="2009-10-31">
     <Destinations>
      <Destination>
        <CountryName>CA</CountryName>
      </Destination>
    </Destinations>
   </CoveredTrip>
 </CoveredTrips>
 <DeliveryPref DistribType="3" />
InsCoverageDetail>
<InsuranceCustomer>
 <PaymentForm>
   <PaymentCard CardCode="VI" CardNumber="411111111111111234" SeriesCode="234" ExpireDate="0513">
    <CardHolderName>John Doe</CardHolderName>
     <Address Type="1"> <!-- CLT Type (Communication Location Type): 1-home, 2-business, 3-other -->
           <AddressLine>10 Main Street</AddressLine>
           <CityName>Avon</CityName>
     <PostalCode>06001</PostalCode>
       <StateProv StateCode="CT"/>
       <CountryName Code="US"/>
     </Address>
     </PaymentCard>
 </PaymentForm>
InsuranceCustomer>
<PlanCost Amount="166.00">
 <BasePremium Amount="166.00" />
</PlanCost>
```

```
</PlanForBookRQ>
</OTA_InsuranceBookRQ>
```

### Using TII Proprietary Booking Method

There are three TII proprietary booking methods which are PurchaseInsurancePolicyXmlString, PurchaseInsurancePolicyXmlDocument and PurchaseInsurancePolicy. In these methods the credit card payment information is presented in the <CreditCardPayment> segment shown below:

```
<CreditCardPayment>
     <CreditCardNumber>4111111111111234</CreditCardNumber>
      <CardHolderFirstName>John</CardHolderFirstName>
      <CardHolderLastName>Smith</CardHolderLastName>
      <CardholderPhoneNumber>1112222</CardholderPhoneNumber>
      <ValidationCode>123</ValidationCode>
      <CreditCardType>VI</CreditCardType>
      <CardHolderMonth>05</CardHolderMonth>
      <CardHolderYear>12</CardHolderYear>
      <CardHolderAddress>
        <AddressLine1>10 Main Street</AddressLine1>
        <City>Avon</City>
        <StateCode>CT</StateCode>
        <ZipCode>06001</ZipCode>
        <CountryCode>US</CountryCode>
      </CardHolderAddress>
</CreditCardPayment>
```

The complete booking request sample (using method PurchaseInsurancePolicyXmlString):

```
<PolicyPurchaseRequest xmlns="https://www.travelinsured.com/Data/PolicyPurchaseRequest.xsd"> <PolicyPurchase> <AgencyNumber>T99999</AgencyNumber>
```

```
<LogonName>W99999</LogonName>
<LogonPassword>W99999</LogonPassword>
<Policv>
<EffectiveDate>2009-02-17T00:00:00-05:00</EffectiveDate>
<DepartureDate>2009-04-08T00:00:00-05:00/DepartureDate>
 <ReturnDate>2009-04-20T01:00:00-04:00</ReturnDate>
<ProductCode>WTPL</ProductCode>
<ExplainationOfBenefitsDelivery>EMail</ExplainationOfBenefitsDelivery>
 <DepositDate>2009-02-08T00:00:00-05:00</DepositDate>
 <ApplicationDate>2009-02-16T13:26:08-05:00</ApplicationDate>
<DisplayNumber>1</DisplayNumber>
<AgencyNumber>T99999</AgencyNumber>
 <AgentId>W99999</AgentId>
<PolicyNumber>B2009049WTPLC001</PolicyNumber>
 <Traveler>
  <FirstName>John</FirstName>
  <LastName>Doe</LastName>
  <DateOfBirth>1936-01-15T00:00:00-05:00
  <PrimaryTraveler>true</PrimaryTraveler>
  <PrimaryPhoneNumber>860-111-2222</PrimaryPhoneNumber>
  <PrimaryEmailAddress>johndoe@aol.com</PrimaryEmailAddress>
  <TripCost>988</TripCost>
  <Coverage>
   <CoverageAmount>988</CoverageAmount>
   <CoverageName>Comprehensive</CoverageName>
  </Coverage>
  <PrimaryAddress>
   <AddressLine1>10 Main Street</AddressLine1>
   <City>Avon</City>
   <StateCode>CT</StateCode>
   <ZipCode>06001</ZipCode>
   <CountryCode>US</CountryCode>
  </PrimaryAddress>
</Traveler>
 <Traveler>
  <FirstName>Lisa</FirstName>
```

```
<LastName>Doe</LastName>
 <DateOfBirth>1939-10-29T01:00:00-04:00/DateOfBirth>
 <PrimaryTraveler>false</PrimaryTraveler>
 <PrimaryPhoneNumber>859-265-2924</PrimaryPhoneNumber>
 <PrimaryEmailAddress>lisadoe@aol.com</PrimaryEmailAddress>
 <TripCost>988</TripCost>
 <Coverage>
  <CoverageAmount>988</CoverageAmount>
  <CoverageName>Comprehensive</CoverageName>
 </Coverage>
</Traveler>
<Payment>
 <PaymentAmount>104.00</PaymentAmount>
 <IsNetPayment>false</IsNetPayment>
 <CreditCardPayment>
        <CreditCardNumber>41111111111111234</CreditCardNumber>
   <CardHolderFirstName>John</CardHolderFirstName>
   <CardHolderLastName>Smith</CardHolderLastName>
   <CardholderPhoneNumber>1112222</CardholderPhoneNumber>
   <ValidationCode>123</ValidationCode>
   <CreditCardType>VI</CreditCardType>
   <CardHolderMonth>05</CardHolderMonth>
   <CardHolderYear>12</CardHolderYear>
   <CardHolderAddress>
     <AddressLine1>10 Main Street</AddressLine1>
     <City>Avon</City>
     <StateCode>CT</StateCode>
     <ZipCode>06001</ZipCode>
     <CountryCode>US</CountryCode>
   </CardHolderAddress>
 </CreditCardPayment>
</Payment>
<Destinations>
 <DestinationName>Mexico</DestinationName>
```

# **Appendix G**

## Booking Examples indicating what and where deposit date can be entered

If booking a product that requires deposit date, it can be entered as an optional attribute in CoveredTrip element. The following excerpt from Book request depicts how and where deposit date can be placed.