

Freightquote
Quoting and
Shipping API

2020

Programmer's
Reference
Guide



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1 Getting Started

1.1 Description

Freightquote's service offerings include an Internet API (Application Program Interface). Our proprietary, platform-independent tools will provide you with instant, near real-time access to freight data. When seamlessly integrated into your web-site, web-enabled application or internet accessible business system, your customers or end users will be able to receive accurate, guaranteed, up-to-date price quotes for the freight they want to ship.

Freightquote's B2B partners can make different types of requests using our API. Each type of request serves a different purpose.

- Use our quoting module for a quote request. Generally speaking, a quote request will take place prior to a buyer making a final decision to purchase a product online. Knowing the purchase price, a buyer will want to know what it will cost to get that product to his door so he can factor that cost into the bid or price for the item(s). At this stage of the process you can utilize our quoting module to make freight quotes available to the potential buyer.
- Next use our shipping module to transmit the pickup request. This will occur after the buyer is willing to assume the burden of producing payment for the item(s) purchased and moving the product.
- After the buyer submits the pickup request, our track module can provide the tracking information about the status of the shipment.

Request process in summary

- 1 Using the characteristics of the item(s) included in the transaction and the origin and destination of the seller and the potential buyer, the B2B partner obtains the data needed to request a quote.
- 2 The B2B partner populates a domain object and submits the request to b2b.freightquote.com via web service request to the following URL

Web service request (XML Request via POST)

<https://b2b.Freightquote.com/WebService/QuoteService.asmx>

- 3 Freightquote receives, validates, and interprets the request.
- 4 Freightquote forms an XML response to return to the requesting application. The XML response contains the quote results or an error message in the event that the request failed the validation process.
- 5 The B2B partner receives and interprets the XML response and utilizes it in the partner's eCommerce application.

Security, connectivity & testing

Freightquote will authenticate the requesting B2B partner using the email and password sent as attributes in the request. Alternatively, authentication can be accomplished by providing the access code and password. The access code is provided at the time the partner's B2B account is established with Freightquote. These values of these attributes can be changed at any time by calling the dedicated B2B support line. The API uses synchronous communication with a single request-response, client/server relationship. After submitting a quote request, expect

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a response within 3-4 seconds, but response time may occasionally take up to 10 seconds.

When you decide to integrate your site with our API, Freightquote will provide you with a test account to help you complete the integration process. Using your test account you can develop your integration and ensure it is working properly. When using the test account transactions are allowed but dispatching and billing activities are disabled. After you have completed developing and testing, Freightquote will provide a separate production account. Under the production account dispatching and billing activities are enabled. The test account will remain available for your use for troubleshooting, upgrading your integration process as new features are added, etc.

1.2 User Credentials Sample

```
...
<user>
  <Name>xmltest@freightquote.com</Name>
  <Password>XML</Password>
  <CredentialType>Default</CredentialType>
</user>
...
```

1.3 User Credentials Breakdown

XML Element	Format	Required	Description
Name	String	✓	Username provided by Freightquote
Password	String	✓	Password provided by Freightquote
CredentialType	List(String)	✓	Type of credentials you are providing Freightquote. Possible Values: <ul style="list-style-type: none"> • Default (Default Type) • Application Note: Application credential is not supported for B2B customers.

2 Requesting Quotes

Method: *GetRatingEngineQuote*

2.1 Description

The quote request is the most fundamental aspect of the Freightquote API. To use this method, the requesting system submits basic information about the shipment (such as origin and destination and product(s) being shipped) and Freightquote returns instant quotes from various carriers. The requesting system can then parse the response and display the results as simply a single shipping cost, display a list of all carriers with rates, or anything in between.

The response to a successful request for quote will include a quote id, quote expiration, and list of carriers with costs and any accessorials included in the cost. The accessorials displayed for a carrier are included in the quote amount and are provided if the requesting system wants to display a breakdown of costs. Individual carriers are identified by option ids.

The request here shows 3 carriers with quotes, however for common lanes, many carriers may be returned. For less common lanes, it is possible for no carriers to be returned. In the case of no carriers returned, Freightquote will return a "No carriers found" message and the quote will need to be requested through <https://www.freightquote.com>.

2.2 Requests

2.2.1 Sample

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <GetRatingEngineQuote xmlns="http://tempuri.org/">
      <request>
        <CustomerId>0</CustomerId>
        <QuoteType>B2B</QuoteType>
        <ServiceType>LTL</ServiceType>
        <QuoteShipment>
          <IsBlind>>false</IsBlind>
          <PickupDate>2019-01-17T00:00:00</PickupDate>
          <SortAndSegregate>>false</SortGetRatingEngineQ
          <UseStackableFlag>>false</UseStackableFlag>
          <DeclaredValue>20000</DeclaredValue>
          <MaxPickupDate />
          <TLDeliveryDate />
          <TLEquipmentType>Any</TLEquipmentType>
          <TLEquipmentSize>Any</TLEquipmentSize>
          <TLTarpSizeType>NoTarpRequired</TLTarpSizeType>
          <ShipmentLocations>
            <Location>
              <LocationType>Origin</LocationType>
              <HasLoadingDock>>false</HasLoadingDock>
              <IsConstructionSite>>false</IsConstructionSite>
              <RequiresInsideDelivery>>false</RequiresInsideDelivery>
```

Date must be current
-or- future Date

```
<IsTradeShow>>false</IsTradeShow>
<TradeShow>TradeShowDesc</TradeShow>
<IsResidential>>false</IsResidential>
<RequiresLiftgate>>false</RequiresLiftgate>
<HasAppointment>>false</HasAppointment>
<IsLimitedAccess>>false</IsLimitedAccess>
<LocationAddress>
  <PostalCode>30303</PostalCode>
  <CountryCode>US</CountryCode>
</LocationAddress>
<AdditionalServices />
</Location>
<Location>
  <LocationType> Destination</LocationType>
  <HasLoadingDock>>false</HasLoadingDock>
  <IsConstructionSite>>false</IsConstructionSite>
  <RequiresInsideDelivery>>false</RequiresInsideDelivery>
  <IsTradeShow>>false</IsTradeShow>
  <TradeShow>TradeShowDesc</TradeShow>
  <IsResidential>>false</IsResidential>
  <RequiresLiftgate>>false</RequiresLiftgate>
  <HasAppointment>>false</HasAppointment>
  <IsLimitedAccess>>false</IsLimitedAccess>
  <LocationAddress>
    <PostalCode>60606</PostalCode>
    <CountryCode>US</CountryCode>
  </LocationAddress>
  <AdditionalServices />
</Location>
</ShipmentLocations>
<ShipmentProducts>
  <Product>
    <Class>55</Class>
    <Weight>1200</Weight>
    <Length>0</Length>
    <Width>0</Width>
    <Height>0</Height>
    <ProductDescription>Books</ProductDescription>
    <PackageType>Pallets_48x48</PackageType>
    <IsStackable>>false</IsStackable>
    <DeclaredValue>0</DeclaredValue>
    <CommodityType>GeneralMerchandise</CommodityType>
    <ContentType>NewCommercialGoods</ContentType>
    <IsHazardousMaterial>>false</IsHazardousMaterial>
    <NMFC />
    <DimWeight>0</DimWeight>
    <EstimatedWeight>0</EstimatedWeight>
    <PieceCount>5</PieceCount>
    <ItemNumber>0</ItemNumber>
    <ProductDrops />
  </Product>
</ShipmentProducts>
<ShipmentContacts />
</QuoteShipment>
</request>
<user>
  <Name>xmltest@freightquote.com</Name>
  <Password>xml</Password>
  <CredentialType>Default</CredentialType>
```

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```

</user>
</GetRatingEngineQuote>
</soap:Body>
</soap:Envelope>

```

2.2.2 Request Breakdown

2.2.2.1 Request

XML Element	Format	Required	Description
CustomerId	Integer	✓	Identifier for customer provided by Freightquote
QuoteType	List (String)	✓	The type of quote being requested. Possible values: <ul style="list-style-type: none"> B2B Freightview
ServiceType	List (String)	✓	The type of service being requested. Possible values: <ul style="list-style-type: none"> LTL Truckload All
QuoteShipment		✓	Parent element for remainder of post
BillCollect	List (String)		The party to be billed <ul style="list-style-type: none"> NONE

2.2.2.2 Children of QuoteShipment

XML Element	Format	Required	Description
ShipmentLabel	String		Optional label for quote
IsBlind	Boolean	✓	Determines if locations should be kept "blind", or unaware of each other.
HazardousMaterialContactName	String	✓*	The name of the hazardous materials contact
HazardousMaterialContactPhone	String	✓*	The phone number for the hazardous materials contact
PickupDate	Date/Time		Date/time when shipment will be ready for pickup. Pickup dates can only be weekdays and not a US holiday.
SortAndSegregate	Boolean		Determines if sort and segregate services are needed for the shipment
UseStackableFlag	Boolean		Determines if products can be stackable or not.
DeclaredValue	Double		Total value of your shipment, in US Dollars.
MaxPickupDate	String		Used if your shipment has a pickup date range, or blank if none.
TLDeliveryDate	String		For Truckload ServiceTypes only. Used if your shipment has a required delivery date, or blank if none.
TLEquipmentType	List (String)		For Truckload ServiceTypes only. The equipment type of the shipment being requested. Possible values: <ul style="list-style-type: none"> Any (Default Value)

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			<ul style="list-style-type: none"> • DryVan • Rail • Reefer • Flatbed
TLEquipmentSize	List (String)		<p>For Truckload ServiceTypes only. The equipment size of the shipment being requested. Possible values:</p> <ul style="list-style-type: none"> • Any (Default Value) • FiftyThreeFootDryVan • FortyEightFootDryVan • FortyEightFootFlatbedNoTarps • FortyEightFootFlatbedTarps • FortyEightOrFiftyThreeDryVan • FiftyThreeFlatbed
TLTarpSizeType	List (String)		<p>For Truckload ServiceTypes only. Used if tarps are required for your shipment. Possible values:</p> <ul style="list-style-type: none"> • NoTarpRequired (Default Value) • FourFeet • SixFeet • EightFeet • Oversized • SmokeTarps
ShipmentLocations	Location[]	✓	Array of locations included in the shipment
ShipmentProducts	Product[]	✓	Array of products included in the shipment
ShipmentContacts	Contact[]		Array of shipment contacts
AdditionalServices	String[]		This array is not currently used
COD	COD		Collect on Delivery

*Only required if Products:Product:IsHazardousMaterial is TRUE

2.2.2.3 Location

XML Element	Format	Required	Description
LocationName	String		Optional name for location
LocationType	String	✓	<p>Type of location. Possible values:</p> <ul style="list-style-type: none"> • Origin • Destination • StopoffPickupDelivery • StopoffDelivery • StopoffPickup <p><i>Note: Both an Origin and Destination location are required</i></p>
HasLoadingDock	Boolean		Determines if the location has a loading dock. If missing, defaults to FALSE and may automatically add liftgate.
IsConstructionSite	Boolean		Determines if the location is a construction site
RequiresInsideDelivery	Boolean		Determines if the driver has to bring the shipment inside
IsTradeShow	Boolean		Determines if the location is a tradeshow
Tradeshow	String		Name of tradeshow and booth number

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IsResidential	Boolean		Determines if the location is non-commercial
RequiresLiftgate	Boolean		Determines if a liftgate is required. Liftgates are automatically added for any location without a loading dock for shipments > 100 lbs.
ContactName	String		Name of the location's contact
ContactPhone	String		Phone number for the location's contact
ContactEmail	String		Email address for the location's contact
BeforeTime	String		The end of the location's pickup/drop-off window
AfterTime	String		The beginning of the location's pickup/drop-off window
LocationReference	String		Location-specific reference number
LocationNote	String		Special instructions relative to the location
NotificationMethod	List		Possible values: <ul style="list-style-type: none"> • None • Email • Internal Email (Intracompany communication)
HasAppointment	Boolean		Determines if appointment is required.
AppointmentBeforeTime	String		The end of the appointment window. Required if HasAppointment is true
AppointmentAfterTime	String		The beginning of the appointment window. Required if HasAppointment is true
AppointmentDate	Date/Time		The Date/Time of the appointment. Required if HasAppointment is true
IsLimitedAccess	Boolean		Determines if the location has limited access, such as camps, schools, military locations, etc.
LocationAddress		✓	Parent for location's address
AdditionalServices	String[]		This array is not currently used

2.2.2.4 Children of LocationAddress

XML Element	Format	Required	Description
AddressName	String		Optional name for the address
StreetAddress	String		Location's street address
AdditionalAddress	String		Location's street address 2
City	String		Location's city
StateCode	String		Location's abbreviated state
PostalCode	String	✓	Location's postal code
CountryCode	String	✓	At this time, only valid values are US and CA (Canada)

2.2.2.5 Product

XML Element	Format	Required	Description
Class	Integer	✓*	Product's freight class. See Freight Classes for possible values

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Weight	Integer	✓	Product's total scale weight (including packaging)
Length	Integer	✓*	Packaged product length
Width	Integer	✓*	Packaged product width
Height	Integer	✓*	Packaged product height
ProductDescription	String	✓	Description of the product being shipped
PackageType	String	✓	Product's packaging type. See Package Types for possible values
IsStackable	Boolean		Determines if the product can be stacked
DeclaredValue	Double		Product's declared value
CommodityType	String	✓***	Product's commodity type. See Commodity Types for possible values
ContentType	String	✓	Product's content type. See Content Types for possible values
IsHazardousMaterial	Boolean	✓	Determines if product is classified as a hazardous material
NMFC	String		National Motor Freight Classification number
DimWeight	Integer		Do not use
EstimatedWeight	Integer		Do not use
PieceCount	Integer	✓	Number of packaged pieces
ItemNumber	Integer	✓**	<p>Sequential number (beginning with 1) assigned to each product to ensure uniqueness. Note that a maximum of six products can be included in a request.</p> <p>MULTISTOP BEHAVIOR: The first digit of the ItemNumber is the location the Product is picked up (left blank for the origin), and the second is the sequential order of the Product at that location.</p> <p>EXAMPLE: In a MultiStop Shipment with 3 Stopoffs, ItemNumber "3" would be the 3rd Product picked up at the Origin location. ItemNumber "12" would be the 2nd Product picked up at the 1st Stopoff, and number "33" would be the 3rd Product being picked up at the 3rd Stopoff.</p> <p>There can be a maximum of 9 Products picked up at each stop and a maximum of 20 stops.</p>
STC	Integer		"Said to contain", or the number of units comprising the product
CubicFeet or Cube	Integer		Cubic Feet used in the truck by the shipment
QuoteID	Integer		Do not use
QuoteItemID	Integer		Do not use
ProductDrops	ProductDrop[]	✓**	Array of Product Drop used to designate which stop(s) in a MultiStop shipment a product will be dropped off.

*Either Class or the combination of Length/Width/Height is required

**Only Required for Products in MultiStop shipments

***Additional Commodity Types only available for Truckloads. All others default to General Merchandise.

Note: A product is the unit being shipped. Therefore, a shipment with 20 boxes between 2 pallets is considered 2 pieces. Measurements for each piece is based on the boxes on the pallet, not individual boxes.

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2.2.2.6 Product Drop

XML Element	Format	Required	Description
RefNumber	String	✓	Reference number that ties the drop to a product
Pickup*	Integer	✓	Stop that the Product is being picked up. 0 is always the shipment Origin then increments by 1 per stop. Items are NOT picked up at the Destination (ie. Stop 2 in a MultiStop shipment with 2 Stopoffs would be 2).
Drop*	Integer	✓	Location that the Product is being dropped off. 0 is always the Destination and each stop increments by 1. Items are NOT dropped off at the Origin (ie. Stop 2 in a MultiStop shipment with 2 Stopoffs would be 2, and the Destination would be 0).
DropPieces	Integer	✓	The # of items (from the product PieceCount) being dropped off at this drop.
DropWeight	Integer	✓	The weight of the being drops ((Product Weight / PieceCount) * DropPieces)

*Products can't be dropped at a location before their Pickup location or picked up at a location after their Drop Location.

Note: The total of all DropPieces for all ProductDrops on a Product must equal the total DropPieces for the product.

2.2.2.7 Contact

XML Element	Format	Required	Description
ContactName	String	✓	Contact's name
ContactPhone	String	✓	Contact's phone number
EmailAddress	String	✓	Contact's email address
ContactAddressType	String	✓	Packaged product height
ContactNote	String	✓	Contact note

2.2.2.8 COD

XML Element	Format	Required	Description
Amount	Decimal	✓	COD Amount
RemitTo	String	✓	Remit to
Addr1	String	✓	Address line 1
Addr2	String	✓	Address line 2
City	String	✓	City
State	String	✓	State
Zip	String	✓	ZIP Code
CareOf	String	✓	Mail to the attention of
Type	Integer	✓	1) Freight only 2) Cost of goods only 3) Freight and cost of goods
PaymentType	Integer	✓	1) Company/personal check 2) Certified check/money order

3) Any of the above

2.3 Response

2.3.1 Response Sample

```

ResponseCode: 200 (OK)
Content-Length:11834
Cache-Control:private, max-age=0
Content-Type:text/xml; charset=utf-8
Date:Tue, 08 Jan 2019 18:20:42 GMT
Server:Microsoft-IIS/6.0
X-AspNet-Version:2.0.50727
X-Powered-By:ASP.NET

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <GetRatingEngineQuoteResponse xmlns="http://tempuri.org/">
      <GetRatingEngineQuoteResult>
        <QuoteId>33978965</QuoteId>
        <QuoteDateTime>2019-01-08T13:20:42.7677856-05:00</QuoteDateTime>
        <QuoteExpiration>2019-02-08T13:20:42.7677856-05:00</QuoteExpiration>
        <QuoteDurationMilliseconds>3555</QuoteDurationMilliseconds>
        <UnitOfMeasureType>English</UnitOfMeasureType>
        <QuoteCarrierOptions>
          <CarrierOption>
            <CarrierOptionId>1</CarrierOptionId>
            <CarrierName>Carrier One Freight Lines</CarrierName>
            <QuoteAmount>371.87</QuoteAmount>
            <Currency>USD</Currency>
            <IsGuaranteed>>false</IsGuaranteed>
            <IsTMS>>false</IsTMS>
            <IsInterline>>false</IsInterline>
            <Transit>3</Transit>
            <TariffMultiplier>1</TariffMultiplier>
            <Mode>LTL</Mode>
            <ProviderList />
            <CarrierAccessorials>
              <Accessorial>
                <AccessorialId>6</AccessorialId>
                <AccessorialDescription>Liftgate pickup</AccessorialDescription>
                <AccessorialCharge>40</AccessorialCharge>
              </Accessorial>
              <Accessorial>
                <AccessorialId>7</AccessorialId>
                <AccessorialDescription>Liftgate delivery</AccessorialDescription>
                <AccessorialCharge>40</AccessorialCharge>
              </Accessorial>
              <Accessorial>
                <AccessorialId>158</AccessorialId>
                <AccessorialDescription>Fuel surcharge</AccessorialDescription>
                <AccessorialCharge>38.24</AccessorialCharge>
              </Accessorial>
            </CarrierAccessorials>
          </CarrierOption>
        </QuoteCarrierOptions>
      </GetRatingEngineQuoteResult>
    </GetRatingEngineQuoteResponse>
  </soap:Body>
</soap:Envelope>

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```

</CarrierOption>
<CarrierOption>
  <CarrierOptionId>2</CarrierOptionId>
  <CarrierName>Carrier Two Transportation Services</CarrierName>
  <QuoteAmount>394.22</QuoteAmount>
  <Currency>USD</Currency>
  <IsGuaranteed>>false</IsGuaranteed>
  <IsTMS>>false</IsTMS>
  <IsInterline>>false</IsInterline>
  <Transit>3</Transit>
  <TariffMultiplier>1</TariffMultiplier>
  <Mode>LTL</Mode>
  <ProviderList />
  <CarrierAccessorials>
    <Accessorial>
      <AccessorialId>6</AccessorialId>
      <AccessorialDescription>Liftgate pickup</AccessorialDescription>
      <AccessorialCharge>50</AccessorialCharge>
    </Accessorial>
    <Accessorial>
      <AccessorialId>7</AccessorialId>
      <AccessorialDescription>Liftgate delivery</AccessorialDescription>
      <AccessorialCharge>50</AccessorialCharge>
    </Accessorial>
    <Accessorial>
      <AccessorialId>158</AccessorialId>
      <AccessorialDescription>Fuel surcharge</AccessorialDescription>
      <AccessorialCharge>44.72</AccessorialCharge>
    </Accessorial>
  </CarrierAccessorials>
</CarrierOption>
</QuoteCarrierOptions>
<ValidationErrors />
</GetRatingEngineQuoteResult>
</GetRatingEngineQuoteResponse>
</soap:Body>
</soap:Envelope>

```

2.3.2 Response Breakdown

2.3.2.1 GetRatingEngineQuoteResult

XML Element	Format	Required	Description
QuoteId	Integer	✓	Unique identifier for requested quote
QuoteDateTime	Date/Time	✓	Date/time of the quote request
QuoteExpiration	Date/Time	✓	Date/time the quote will expire
QuoteDurationMilliseconds	Integer	✓	Time (in milliseconds) it took to return the quote
UnitOfMeasureType	List (String)	✓	<ul style="list-style-type: none"> English Metric
QuoteCarrierOptions	CarrierOption[]	✓*	Array of carriers and quotes
ValidationErrors	B2BError[]		Populated when errors occur. See ValidationErrors for details

*Required only when carriers are found and returned

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2.3.2.2 CarrierOption

XML Element	Format	Required	Description
CarrierOptionId	Integer	✓	Sequential identifier used to indicate carriers returned. Used when scheduling shipment.
CarrierName	String	✓	Name of the carrier
SCAC	String	✓	The Standard Carrier Alpha Code (SCAC) of the carrier
DOTNumber	String	✓	The DOT Number of the carrier
QuoteAmount	Double	✓	Total amount of the carrier's quote
Currency	List	✓	Currency format. Acceptable values: <ul style="list-style-type: none"> USD
IsGuaranteed	Boolean	✓	Indicates whether the transit time is guaranteed by the carrier
IsTMS	Boolean	✓	Determines whether the rate returned is based on the customer's negotiated tariff with the carrier
IsInterline	Boolean	✓	Indicates whether delivery will be interlined
Transit	String	✓	Number of days estimated for delivery
TariffMultiplier	Double	✓	Not used
Mode	String	✓	Not used
ProviderList	List (Integer)	✓	Not used
CarrierAccessorial	Accessorial[]	✓	Array of accessorials included in the quote amount
CarrierLiability	Liability	✓	Liability details for the carrier
CarrierBrandName	String	✓	Brand name of the carrier, if any

2.3.2.3 Accessorial

XML Element	Format	Required	Description
AccessorialId	Integer		Identifier for the accessorial charge
AccessorialDescription	String		Description for the accessorial charge
AccessorialCharge	Double		Amount of the accessorial charge

2.3.2.4 Liability

XML Element	Format	Required	Description
CostPerWeight	Double		Cost per weight liability for the carrier
NewCostPerWeight	Double		Cost per weight liability for the carrier for new items
UsedCostPerWeight	Double		Cost per weight liability for the carrier for used items
MaximumLimit	Double		Maximum liability for the carrier
NewMaximumLimit	Double		Maximum liability for the carrier for new items
UsedMaximumLimit	Double		Maximum liability for the carrier for used items
CurrencyCode	List		Currency format. Acceptable values: <ul style="list-style-type: none"> USD

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ExchangeRate	Double		If not USD the current exchange rate for liability
CurrencySymbol	String		The current symbol used for MaximumLimit or CostPerWeight
IsNoReclass	Boolean		Indicates whether the class of a product tied to the shipment can be reclassified after pickup of the shipment by the carrier.

3 Requesting Pickups

Method: RequestShipmentPickup

3.1 Description

After a quote has been requested, the requesting system can post to the RequestShipmentPickup to actually book the shipment. In this case, the returned quote id and the carrier option id for the selected carrier needs to be passed, along with most of the information provided in the quote request and some additional information. The information in the pickup request should match that in the quote request, or an error will be returned that the shipment must be re-quoted.

Upon successful completion of the shipment pickup request, the load is actually booked and the carrier is sent a dispatch request.

3.2 Request

3.2.1 Request Sample

```
<?xml version="1.0" encoding="utf-16"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <RequestShipmentPickup xmlns="http://tempuri.org/">
      <request>
        <CustomerId>0</CustomerId>
        <QuoteId>33978967</QuoteId>
        <OptionId>1</OptionId>
        <ShipmentNote />
        <QuoteShipment>
          <ShipmentLabel />
          <IsBlind>>false</IsBlind>
          <HazardousMaterialContactName />
          <HazardousMaterialContactPhone />
          <PickupDate>2019-01-11T00:00:00</PickupDate>
          <SortAndSegregate>>false</SortAndSegregate>
          <ShipmentLocations>
            <Location>
              <LocationName>Joe's Wheels</LocationName>
              <LocationType>Origin</LocationType>
              <HasLoadingDock>>false</HasLoadingDock>
              <IsConstructionSite>>false</IsConstructionSite>
              <RequiresInsideDelivery>>false</RequiresInsideDelivery>
              <IsTradeShow>>false</IsTradeShow>
              <TradeShow />
              <IsResidential>>false</IsResidential>
              <RequiresLiftgate>>false</RequiresLiftgate>
              <ContactName>Joe</ContactName>
              <ContactPhone>9135552324</ContactPhone>
              <ContactEmail>origin@test.com</ContactEmail>
            </Location>
          </ShipmentLocations>
        </QuoteShipment>
      </request>
    </RequestShipmentPickup>
  </soap:Body>
</soap:Envelope>
```

```
<BeforeTime />
<AfterTime />
<LocationReference />
<LocationNote />
<NotificationMethod>None</NotificationMethod>
<HasAppointment>>false</HasAppointment>
<AppointmentBeforeTime />
<AppointmentAfterTime />
<AppointmentDate />
<IsLimitedAccess>>false</IsLimitedAccess>
<LocationAddress>
  <AddressName>Joe's Wheels</AddressName>
  <StreetAddress>123 Main</StreetAddress>
  <AdditionalAddress />
  <City>Atlanta</City>
  <StateCode>GA</StateCode>
  <PostalCode>30303</PostalCode>
  <CountryCode>US</CountryCode>
</LocationAddress>
<AdditionalServices />
</Location>
<Location>
  <LocationName>Apex Bikes</LocationName>
  <LocationType>Destination</LocationType>
  <HasLoadingDock>>false</HasLoadingDock>
  <IsConstructionSite>>false</IsConstructionSite>
  <RequiresInsideDelivery>>false</RequiresInsideDelivery>
  <IsTradeShow>>false</IsTradeShow>
  <TradeShow />
  <IsResidential>>false</IsResidential>
  <RequiresLiftgate>>false</RequiresLiftgate>
  <ContactName>Jerry</ContactName>
  <ContactPhone>9135552323</ContactPhone>
  <ContactEmail>destination@test.com</ContactEmail>
  <BeforeTime />
  <AfterTime />
  <LocationReference />
  <LocationNote />
  <NotificationMethod>None</NotificationMethod>
  <HasAppointment>>false</HasAppointment>
  <AppointmentBeforeTime />
  <AppointmentAfterTime />
  <AppointmentDate />
  <IsLimitedAccess>>false</IsLimitedAccess>
  <LocationAddress>
    <AddressName>Apex Bikes</AddressName>
    <StreetAddress>123 Main</StreetAddress>
    <AdditionalAddress />
    <City>Chicago</City>
    <StateCode>IL</StateCode>
    <PostalCode>60606</PostalCode>
    <CountryCode>US</CountryCode>
  </LocationAddress>
  <AdditionalServices />
</Location>
</ShipmentLocations>
<ShipmentProducts>
  <Product>
    <Class>55</Class>
```

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```

        <Weight>1200</Weight>
        <Length>0</Length>
        <Width>0</Width>
        <Height>0</Height>
        <ProductDescription>Wheels</ProductDescription>
        <PackageType>Pallets_48x48</PackageType>
        <IsStackable>>false</IsStackable>
        <DeclaredValue>0</DeclaredValue>
        <CommodityType>GeneralMerchandise</CommodityType>
        <ContentType>NewCommercialGoods</ContentType>
        <IsHazardousMaterial>>false</IsHazardousMaterial>
        <NMFC />
        <DimWeight>0</DimWeight>
        <EstimatedWeight>0</EstimatedWeight>
        <PieceCount>3</PieceCount>
        <ItemNumber>0</ItemNumber>
        <STC>0</STC>
    </Product>
</ShipmentProducts>
<ShipmentContacts />
</QuoteShipment>
<QuoteCustomer>
    <CustomerId>0</CustomerId>
    <CustTypeId>0</CustTypeId>
    <CustomerName />
    <AssociationId>0</AssociationId>
    <CustomerDiscount>0</CustomerDiscount>
    <BillCollect />
    <ChannelId>0</ChannelId>
    <TotalOwed>0</TotalOwed>
    <CreditLimit>0</CreditLimit>
    <CommissionRepId>0</CommissionRepId>
    <IsTestAccount>>false</IsTestAccount>
    <PhoneNumber />
    <Currency>USD</Currency>
    <ExchangeRate>0</ExchangeRate>
    <Culture />
    <FreightviewAuthenticationId xsi:nil="true" />
    <FreightviewAuthenticationKey xsi:nil="true" />
    <FreightviewLocationId xsi:nil="true" />
</QuoteCustomer>
<BillOfLadingType>0</BillOfLadingType>
</request>
<user>
    <Name>xmltest@freightquote.com</Name>
    <Password>XML</Password>
    <CredentialType>Default</CredentialType>
</user>
</RequestShipmentPickup>
</soap:Body>
</soap:Envelope>

```

3.2.2 Request Breakdown

3.2.2.1 Request

XML Element	Format	Required	Description
-------------	--------	----------	-------------

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CustomerId	Integer	✓	Freightquote customer id
QuoteId	Integer	✓	Id for the previously requested quote being booked
OptionId	Integer	✓	The option number returned for the desired carrier
ShipmentNote	String		Optional note describing shipment
QuoteShipment		✓	Parent element for remainder of post
QuoteCustomer			Do not use
BillOfLadingType	Integer		Do not use
CreditCard			Do not use

3.2.2.2 Children of QuoteShipment

XML Element	Format	Required	Description
ShipmentLabel	String		Optional label meaningful to user
IsBlind	Boolean	✓	Determines if locations should be kept "blind", or unaware of each other.
HazardousMaterialContactName	String	✓*	The name of the hazardous materials contact
HazardousMaterialContactPhone	String	✓*	The phone number for the hazardous materials contact
PickupDate	Date/Time	✓	Date/time when shipment will be ready for pickup. Pickup dates can only be weekdays and not a US holiday.
SortAndSegregate	Boolean		Determines if sort and segregate services are needed for the shipment
UseStackableFlag	Boolean		Determines if products can be stackable or not.
DeclaredValue	Double		Total value of your shipment, in US Dollars.
MaxPickupDate	String		Used if your shipment has a pickup date range, or blank if none.
TLDeliveryDate	String		For Truckload ServiceTypes only. Used if your shipment has a required delivery date, or blank if none.
TLEquipmentType	List (String)		For Truckload ServiceTypes only. The equipment type of the shipment being request. Possible values: <ul style="list-style-type: none"> • Any (Default Value) • DryVan • Rail • Reefer • Flatbed
TLTarpSizeType	List (String)		For Truckload ServiceTypes only. Used if tarps are required for your shipment. Possible values: <ul style="list-style-type: none"> • NoTarpRequired (Default Value) • FourFeet • SixFeet • EightFeet • Oversized

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			<ul style="list-style-type: none"> SmokeTarps
ShipmentLocations	Location[]	✓	Array of locations included in the shipment
ShipmentProducts	Product[]	✓	Array of products included in the shipment
ShipmentContracts	Contacts[]	✓	Array of contacts included in the shipment
AdditionalServices	String[]		This array is not currently used
COD	COD		Collect on Delivery

*Only required if Products:Product:IsHazardousMaterial is TRUE

3.2.2.3 Children of QuoteCustomer (Do not use)

XML Element	Format	Required	Description
CustomerId	Integer		Freightquote customer id
CustTypeId	Short		Customer type id
CustomerName	String		Customer name
AssociationId	Integer		Association id
CustomerDiscount	Short		Customer's discount code
BillCollect	List (String)		The party to be billed <ul style="list-style-type: none"> NONE
ChannelId	Integer		Freightquote channel id
TotalOwed	Double		Total owed
CreditLimit	Double		Credit limit
CommissionRepId	Integer		Rep id of the commission rep
IsTestAccount	Boolean		Indicator if test customer
PhoneNumber	String		Customer phone number
Currency	List (String)		Currency format. Acceptable values: <ul style="list-style-type: none"> USD
ExchangeRate	Double		If not USD the current exchange rate for liability
Culture	String		Do not use
IsFv2Customer	Boolean		Indicator if Freightview customer
FreightviewAuthenticationId	Integer		Freightview id
FreightviewAuthenticationKey	Integer		Freightview key
FreightviewLocationId	Integer		Freightview location id
CustomerStatus	List (String)		<ul style="list-style-type: none"> None Pending Active Inactive InactiveDNC
Password	String		Customer password
Email	String		Customer email
BillToOnFile	Boolean		Indicator if billing information is on file

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3.2.2.4 Location

XML Element	Format	Required	Description
LocationName	String		Optional name for location
LocationType	String	✓	Type of location. Possible values: Origin Destination StopoffPickupDelivery StopoffDelivery StopoffPickup <i>Note: Both an Origin and Destination location are required</i>
HasLoadingDock	Boolean		Determines if the location has a loading dock. If missing, defaults to FALSE and may automatically add liftgate.
IsConstructionSite	Boolean		Determines if the location is a construction site
RequiresInsideDelivery	Boolean		Determines if the driver has to bring the shipment inside
IsTradeShow	Boolean		Determines if the location is a tradeshow
Tradeshow	String		Name of tradeshow and booth number
IsResidential	Boolean		Determines if the location is non-commercial
RequiresLiftgate	Boolean		Determines if a liftgate is required. Liftgates are automatically added for any location without a loading dock for shipments > 100 lbs.
ContactName	String	✓	Name of the location's contact
ContactPhone	String	✓	Phone number for the location's contact
ContactEmail	String	✓	Email address for the location's contact
BeforeTime	String		The end of the location's pickup/drop-off window
AfterTime	String		The beginning of the location's pickup/drop-off window
LocationReference	String		Location-specific reference number
LocationNote	String		Location-specific special instructions
NotificationMethod	List (String)		Possible values: None Email Fax
HasAppointment	Boolean		Determines if appointment is required.
AppointmentBeforeTime	String		The end of the appointment window. Required when HasAppointment is true
AppointmentAfterTime	String		The beginning of the appointment window. Required when HasAppointment is true
AppointmentDate	Date/Time		The Date/Time of the appointment. Required when HasAppointment is true
IsLimitedAccess	Boolean		Determines if the location has limited access, such as camps, schools, military locations, etc.

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LocationAddress		✓	Parent for location's address
AdditionalServices	String[]		This array is not currently used

3.2.2.5 Children of LocationAddress

XML Element	Format	Required	Description
AddressName	String	✓	Name for the address
StreetAddress	String	✓	Location's street address
AdditionalAddress	String		Location's street address 2
City	String	✓	Location's city
StateCode	String	✓	Location's abbreviated state
PostalCode	String	✓	Location's postal code
CountryCode	String	✓	At this time, only valid values are US and CA (Canada)

3.2.2.6 Product

XML Element	Format	Required	Description
Class	Integer	✓*	Product's freight class. See Freight Classes for possible values
Weight	Integer	✓	Product's total scale weight (including packaging)
Length	Integer	✓*	Packaged product length
Width	Integer	✓*	Packaged product width
Height	Integer	✓*	Packaged product height
ProductDescription	String	✓	Description of the product being shipped
PackageType	String	✓	Product's packaging type. See Package Types for possible values
IsStackable	Boolean		Determines if the product can be stacked
DeclaredValue	Double		Product's declared value
CommodityType	String	✓***	Product's commodity type. See Commodity Types for possible values
ContentType	String	✓	Product's content type. See Content Types for possible values
IsHazardousMaterial	Boolean	✓	Determines if product is classified as a hazardous material
NMFC	String		National Motor Freight Classification number
DimWeight	Integer		Do not use
EstimatedWeight	Integer		Do not use
PieceCount	Integer	✓	Number of packaged pieces
ItemNumber	Integer	✓**	Sequential number (beginning with 1) assigned to each product to ensure uniqueness. Note that a maximum of six products can be included in a quote request. MULTISTOP BEHAVIOR: The first digit of the ItemNumber is the location of the Product is picked up (left blank for the origin), and the second is the sequential order of the Product at that location.

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			<p>EXAMPLE: In a MultiStop Shipment with 3 Stopoffs, ItemNumber "3" would be the 3rd Product picked up at the Origin location. ItemNumber "12" would be the 2nd Product picked up at the 1st Stopoff, and ItemNumber "33" would be the 3rd Product being picked up at the 3rd Stopoff.</p> <p>There can be a maximum of 9 Products picked up at each stop and a maximum of 20 stops.</p>
STC	Integer		"Said to contain", or the number of units comprising the product
CubicFeet or Cube	Integer		Cubic Feet used in the truck by the shipment
QuoteID	Integer		Do not use
QuoteItemID	Integer		Do not use
ProductDrops	ProductDrop[]	✓**	Array of Product Drop used to designate with stop(s) in a MultiStop shipment a product will be dropped off.

*Either Class or the combination of Length/Width/Height is required

**Only Required for Products in MultiStop shipments

***Additional Commodity Types only available for Truckloads. All others default to General Merchandise.

Note: A product is the unit being shipped. Therefore, a shipment with 20 boxes between 2 pallets is considered 2 pieces. Measurements for each piece is based on the boxes on the pallet, not individual boxes.

3.2.2.7 Children of ProductDrop

XML Element	Format	Required	Description
RefNumber	String		Reference number that ties the drop to a product
Pickup*	Integer		Stop that the Product is being picked up. 0 is always the shipment Origin then increments by 1 per stop. Items are NOT picked up at the Destination (ie. Stop 2 in a MultiStop shipment with 2 Stopoffs would be 2).
Drop*	Integer		Location that the Product is being dropped off. 0 is always the Destination and each stop increments by 1. Items are NOT dropped off at the Origin (ie. Stop 2 in a MultiStop shipment with 2 Stopoffs would be 2, and the Destination would be 0)
DropPieces	Integer		The # of items (from the product PieceCount) being dropped off at this drop.
DropWeight	Integer		The weight of the items being drops ((Product Weight / PieceCount) * DropPieces)

*Products can't be dropped at a location before their Pickup location or picked up at a location after their Drop Location.

Note: The total of all DropPieces for all ProductDrops on a Product must equal the total DropPieces for the product.

3.2.2.8 CreditCard (Do not use)

XML Element	Format	Required	Description
CustomerId	Integer	✓	Unique identifier for requested quote
CreditName	String	✓	Name on credit card
CreditCardToken	String	✓	Credit card token

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ExpDate	Date/Time	✓	Expiration date of credit card
CreditCardType	String	✓	1) VISA 2) MASTERCARD 3) AMERICAN EXPRESS
CardTypeAccepted	Integer		
CardTypeAcceptedExemption	Integer		
Zip	String	✓	ZIP code of credit card holder
Amount	Double	✓	Amount applied to credit card

3.2.2.9 COD

XML Element	Format	Required	Description
Amount	Decimal	✓	COD Amount
RemitTo	String	✓	Remit to
Addr1	String	✓	Address line 1
Addr2	String	✓	Address line 2
City	String	✓	City
State	String	✓	State
Zip	String	✓	ZIP Code
CareOf	String	✓	Mail to the attention
Type	Integer	✓	1) Freight only 2) Cost of goods only 3) Freight and cost of goods
PaymentType	Integer	✓	1) Company/personal check 2) Certified check/money order 3) Any of the above

3.2.3 RequestShipmentPickupWithPickupOptions

Additional pickup options (Do not use)

3.2.3.1 Options

XML Element	Format	Required	Description
IsVolumeQuote	Boolean		Indicates if volume quote
VolumeQuoteID	Integer		Volume quote id
CarrierID	Integer		Enterprise carrier id
SessionID	Integer		Enterprise session id
ReferenceNumbers	ReferenceNumber[]		Array of shipment reference numbers
CarrierLineHaulAmount	Double		Carrier line haul amount

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CarrierFuelAmount	Double		Carrier fuel amount
CustomerLineHaulAmount	Double		Customer line haul amount
CustomerFuelAmount	Double		Customer fuel amount
RequestedMileage	Double		Shipment mileage
IsManualDispatch	Boolean		Shipment requires manual dispatch
AdditionalCostsNeeded	Boolean		Flag to alert additional costs

3.2.3.2 ReferenceNumber

XML Element	Format	Required	Description
Type	List (String)		<ul style="list-style-type: none"> • CustomerBOLNumber • CustomerReferenceNumber • PurchaseOrderNumber • RateSheetNumber • PickupNumber • TransferNumber • SalesOrderNumber • Other • Mileage • SealNumber • DeliverConfirmationNumber • HandlingNumber
Number	String		Reference number

3.3 Response

3.3.1 Response Sample

```

ResponseCode: 200 (OK)
Content-Length:436
Cache-Control:private, max-age=0
Content-Type:text/xml; charset=utf-8
Date:Tue, 08 Jan 2019 18:38:10 GMT
Server:Microsoft-IIS/6.0
X-AspNet-Version:2.0.50727
X-Powered-By:ASP.NET

<?xml version="1.0" encoding="utf-16"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <RequestShipmentPickupResponse xmlns="http://tempuri.org/">
      <RequestShipmentPickupResult>
        <QuoteId>0</QuoteId>
        <BillToAddress>
          <AddressName>Freightquote</AddressName>
          <StreetAddress>901 West Carondelet Drive</StreetAddress>
        </BillToAddress>
      </RequestShipmentPickupResult>
    </RequestShipmentPickupResponse>
  </soap:Body>
</soap:Envelope>

```

```
<AdditionalAddress/>
<City>Kansas City</City>
<StateCode>MO</StateCode>
<PostalCode>64114</PostalCode>
<CountryCode>US</CountryCode>
<ContactName/>
<ContactPhone/>
</BillToAddress>
<BillofLadingURL>https://www.freightquote.com/BOL/bol.aspx</BillofLadingURL>
<ValidationErrors/>
<SpecialInstructions/>
</RequestShipmentPickupResult>
</RequestShipmentPickupResponse>
</soap:Body>
</soap:Envelope>
```

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3.3.2 Response Breakdown

3.3.2.1 RequestShipmentPickupResult

XML Element	Format	Required	Description
Quoteld	Integer	✓	On success, BOL Number is returned as the Quoteld
BillToAddress	BillToAddress	✓	Bill to address
BillOfLadingURL	String		URL to reference the Bill of Lading (BOL)
ValidationErrors	B2BErrorf []		Populated when errors occur. See ValidationErrors for details
SpecialInstructions	String		
TerminalProfileOrigination	TerminalProfileOrigination		
TerminalProfileDestination	TerminalProfileDestination		
CreditCardList	CreditCardf []		

3.3.2.2 BillToAddress

XML Element	Format	Required	Description
AddressName	String		Address name
StreetAddress	String		Street address
AdditionalAddress	String		Addition address line
City	String		City
StateCode	String		State
PostalCode	String		ZIP code or Postal code
CountryCode	String		Code of country
ContactName	String		Contact name
ContactPhone	String		Contact phone

3.3.2.3 TerminalProfileOrigination

XML Element	Format	Required	Description
CarrierId	Integer	✓	Enterprise carrier id
TerminalCode	String		Carrier's terminal code
TerminalType	Integer		Carrier's terminal type
Name	String		Carrier's name
Address1	String		Carrier's address line 1
Address2	String		Carrier's address line 2
City	String		Carrier's city
State	String		Carrier's state
Zip	String		Carrier's ZIP code
Contact	String		Carrier's contact

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Title	String		Contact's title
Phone	String		Carrier's phone
Email	String		Carrier's email
Phone800	String		Carrier's 800 phone number
SCAC	String		Carrier's SCAC code
LastReceiving	String		
TerminalServiceType	Integer		

3.3.2.4 TerminalProfileDestination

XML Element	Format	Required	Description
CarrierId	Integer	✓	Enterprise carrier id
TerminalCode	String		Carrier's terminal code
TerminalType	Integer		Carrier's terminal type
Name	String		Carrier's name
Address1	String		Carrier's address line 1
Address2	String		Carrier's address line 2
City	String		Carrier's city
State	String		Carrier's state
Zip	String		Carrier's ZIP code
Contact	String		Carrier's contact
Title	String		Contact's title
Phone	String		Carrier's phone
Email	String		Carrier's email
Phone800	String		Carrier's 800 phone number
SCAC	String		Carrier's SCAC code
LastReceiving	String		
TerminalServiceType	Integer		

3.3.2.5 CreditCard

XML Element	Format	Required	Description
CustomerId	Integer	✓	Unique identifier for requested quote
CreditName	String	✓	Name on credit card
CreditCardToken	String	✓	Credit card token
ExpDate	Date/Time	✓	Expiration date of credit card
CreditCardType	String	✓	1) VISA 2) MASTERCARD

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			3) AMERICAN EXPRESS
CardTypeAccepted	Integer		Not used
CardTypeAcceptedExemption	Integer		Not used
Zip	String		ZIP code of credit card holder
Amount	Double		Amount applied to credit card

4 Requesting Tracking Details

Method: GetTrackingInformation

4.1 Description

Tracking data is passed to Freightquote from our carrier sites via EDI (Electronic Data Interchange) through a VAN (Value Added Network). Although a large percentage of the total shipments booked through Freightquote offer good tracking information, there are freight carriers we use that do not yet support tracking functionality thereby limiting the quantity and quality of the information available to end users.

Currently, nearly 85% of the shipments booked through Freightquote have tracking via EDI. They will have a status and description. The remainder of the shipments will lack a description. This is because our dispatching systems are able to capture certain events like when a shipment is picked up. The 'Picked Up' status can be displayed while the description will be unknown.

In response to the GetTrackingInformation request, Freightquote will provide the estimated delivery of the shipment, and log of any events that have occurred (such as Dispatched, In Transit, and Delivered).

4.2 Request

4.2.1 Request Sample

```
<?xml version="1.0" encoding="utf-16"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <GetTrackingInformation xmlns="http://tempuri.org/">
      <request>
        <BOLNumber>99999999</BOLNumber>
      </request>
    </GetTrackingInformation>
  </soap:Body>
</soap:Envelope>
```

4.2.2 Request Breakdown

4.2.2.1 Request

XML Element	Format	Required	Description
BOLNumber	Integer	✓	The BOL (or quote id) for the shipment in question

4.3 Response

4.3.1 Response Sample

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```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <GetTrackingInformationResponse xmlns="http://tempuri.org/">
      <GetTrackingInformationResult>
        <BOLNumber>99999999</BOLNumber>
        <EstimatedDelivery>2019-01-09T10:15:00</EstimatedDelivery>
        <TrackingLogs>
          <TrackingLog>
            <Date>2019-01-09T10:15:00</Date>
            <Status>Delivered</Status>
            <StatusDescription>Delivered to Juliet, TN on 1/9/2019</StatusDescription>
          </TrackingLog>
          <TrackingLog>
            <Date>2019-01-09T08:00:00</Date>
            <Status>In transit</Status>
            <StatusDescription>Arrived at , </StatusDescription>
          </TrackingLog>
          <TrackingLog>
            <Date>2019-01-08T09:45:00</Date>
            <Status>In transit</Status>
            <StatusDescription>Picked up from Walled, MI on
1/8/2010</StatusDescription>
          </TrackingLog>
          <TrackingLog>
            <Date>2019-01-02T12:15:00</Date>
            <Status>Dispatched</Status>
            <StatusDescription>Pickup scheduled with carrier</StatusDescription>
          </TrackingLog>
          <TrackingLog>
            <Date>2019-01-02T09:56:00</Date>
            <Status>Ordered</Status>
            <StatusDescription>Set up by CustomerService via
WEBSITE</StatusDescription>
          </TrackingLog>
        </TrackingLogs>
        <ValidationErrors />
      </GetTrackingInformationResult>
    </GetTrackingInformationResponse>
  </soap:Body>
</soap:Envelope>
```

4.3.2 Response Breakdown

4.3.2.1 GetTrackingInformationResult

XML Element	Format	Required	Description
BOLNumber	Integer	✓	The requested BOL
EstimatedDelivery	Date/Time	✓	The estimated date of delivery
<u>TrackingLogs</u>	TrackingLog[]	✓	Array of events that have occurred on the shipment
<u>ValidationErrors</u>	B2BError[]		Populated when errors occur. See ValidationErrors for details

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4.3.2.2 TrackingLog

XML Element	Format	Required	Description
Date	Date/Time	✓	Date/time the event occurred
Status	List (String)	✓	Possible values: On Hold Set up Ordered In transit Delivered Canceled Exception
StatusDescription	String	✓	Text description of the event

5 Requesting Shipment Cancellation

Method: RequestShipmentCancellation

5.1 Description

This method can be used to request your shipment be cancelled.

5.2 Request

5.2.1 Request Sample

```
<?xml version="1.0" encoding="utf-16"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <RequestShipmentCancellation xmlns="http://tempuri.org/">
      <request>
        <QuoteId>99999999</QuoteId>
      </request>
      <user>
        <Name>xmltest@freightquote.com</Name>
        <Password>xml</Password>
        <CredentialType>Default</CredentialType>
      </user>
    </RequestShipmentCancellation>
  </soap:Body>
</soap:Envelope>
```

5.2.2 Request Breakdown

5.2.2.1 Request

XML Element	Format	Required	Description
QuoteId	Integer	✓	The BOL (or quote id) for the shipment in question

5.3 Response

5.3.1 Response Sample

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <RequestShipmentCancellationResponse xmlns="http://tempuri.org/">
      <RequestShipmentCancellationResult>
        <ValidationErrors />
      </RequestShipmentCancellationResult>
    </RequestShipmentCancellationResponse>
  </soap:Body>
</soap:Envelope>
```

Programmer's Reference Guide

```

    </RequestShipmentCancellationResult>
  </RequestShipmentCancellationResponse>
</soap:Body>
</soap:Envelope>

```

5.3.2 Response Breakdown

5.3.2.1 RequestShipmentCancellationResult

XML Element	Format	Required	Description
ValidationErrors	B2Berror[]		Populated when errors occur. See ValidationErrors for details

6 Validation Errors

6.1 Description

Validation and system errors will be returned as collection of B2BError objects.

6.2 Validation Error Sample

```

...
<ValidationErrors>
  <B2BError>
    <ErrorType>Validation</ErrorType>
    <ErrorMessage>Unable to find shipment with BOL 3517348.</ErrorMessage>
  </B2BError>
</ValidationErrors>
...

```

6.3 Validation Error Breakdown

6.3.1 B2BError

XML Element	Format	Required	Description
ErrorType	List(String)	✓	Possible values: Unknown Validation Communication AccessDenied CustomerAccount Booking
ErrorMessage	String	✓	Text description of error

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Appendix A: The Bill of Lading (BOL)

The Bill of Lading (BOL) (see below) is a legal document used by freight carrying companies (carriers) to provide the interstate transit of goods throughout the United States. The BOL shown below has been created by Freightquote for use with the shipments brokered by our system. The BOL has been approved for use by each of the carriers with which we have a contractual relationship. It is critical to the entire shipping process that the Freightquote BOL be given to the carrier when the pickup is made. If the shipper were to substitute another BOL for the Freightquote BOL the shipper risks being charged much higher rates than originally quoted, extra fees, and double billing for the same freight movement. It is critical that the Freightquote BOL be made available to your users when the pickup is scheduled. This is made possible via HTTPS. The URL returned in the RequestShipmentPickup request tagged as BillOfLadingURL should be used to display the BOL to the end user so that he or she may print the BOL to give to the driver.

The BOL itself will always be stored on the servers at Freightquote. There is never a need for the B2B partner to alter the BOL. If there are mistakes or omissions on the BOL, it should be immediately reported to our dedicated customer service team.

STRAIGHT BILL OF LADING - SHORT FORM - ORIGINAL - NOT NEGOTIABLE
This form contains only the information necessary for the motor carrier to deliver, rate, and invoice the shipment described below.

Shipper: Ship Date 7/31/2017

Origin Atl 123 Atlanta Street Atlanta, GA 30303 Fred Origin (816) 456-7897 Reference Number:
--

PRO#
Place Stamp Here

Consignee: Due Date 8/3/2017

Origin Chi 123 Chicago Street Chicago, IL 60606 Fred Destination (312) 234-4567 Reference Number:

Carrier:	CHR Carrier - Roadrunner Transportation
Pro#:	
Load#:	
BOL#:	76144770

All Freight charges PPD/3rd party bill to:

Freightquote
901 West Carondelet Drive
Kansas City, MO 64114

No. of Units & Container Type	*HM	BASIC DESCRIPTION Identification Number (UN or NA), Proper Shipping Name, Hazard Class, Packing Group	NMFC	CLASS	Total Weight
5 Pallet		Books		55	2000
*An X indicates hazardous material			Total weight: (subject to correction)		2000

Programmer’s Reference Guide

Appendix B: Freightquote Logo Guidelines, Copyrights, Trademarks and Restrictions

The logo is comprised of two key elements. First is the Freightquote word mark. The second is the C.H. Robinson logomark. By including the C.H. Robinson logomark as an element within the Freightquote logo, we’re supporting the powerful connection between our two companies. Do not re-color, “screen back,” or add colors to any of the established versions of the logo. The Freightquote logo file is scaled appropriately for standard use at 100%. The minimum size at which the logo may be used for display on screen is 100 pixels wide. If you think the logo clarity at this size might be jeopardized by low-quality display, increase the size; respect the minimum clear space. To make our logo stand out, it must be positioned with as much space around it as possible and not crowded with other graphic elements. The minimum clear area around the logo must be equal to the height of the logo. For example, if the logo is 0.5” high. It requires 0.5” of clear space on all sides.

Logo Options and Instructions

Paste the HTML code below into your page:

Logo 1



```
<a href="https://www.freightquote.com" title="Freightquote by C.H. Robinson"></a>
```

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Appendix C: Reference Lists

Freight Classes
50
55
60
65
70
77.5
85
92.5
100
110
125
150
175
200
250
300
400
500

Package Types
Unknown
Pallets_48x40
Pallets_other
Bags
Bales
Boxes
Bundles
Carpets
Coils
Crates
Cylinders
Drums
Pails
Reels
Rolls
TubesPipes
Motorcycle
ATV
Pallets_120x120
Pallets_120x100
Pallets_120x80
Pallets_europe
Pallets_48x48
Pallets_60x48
Slipsheets
Unit

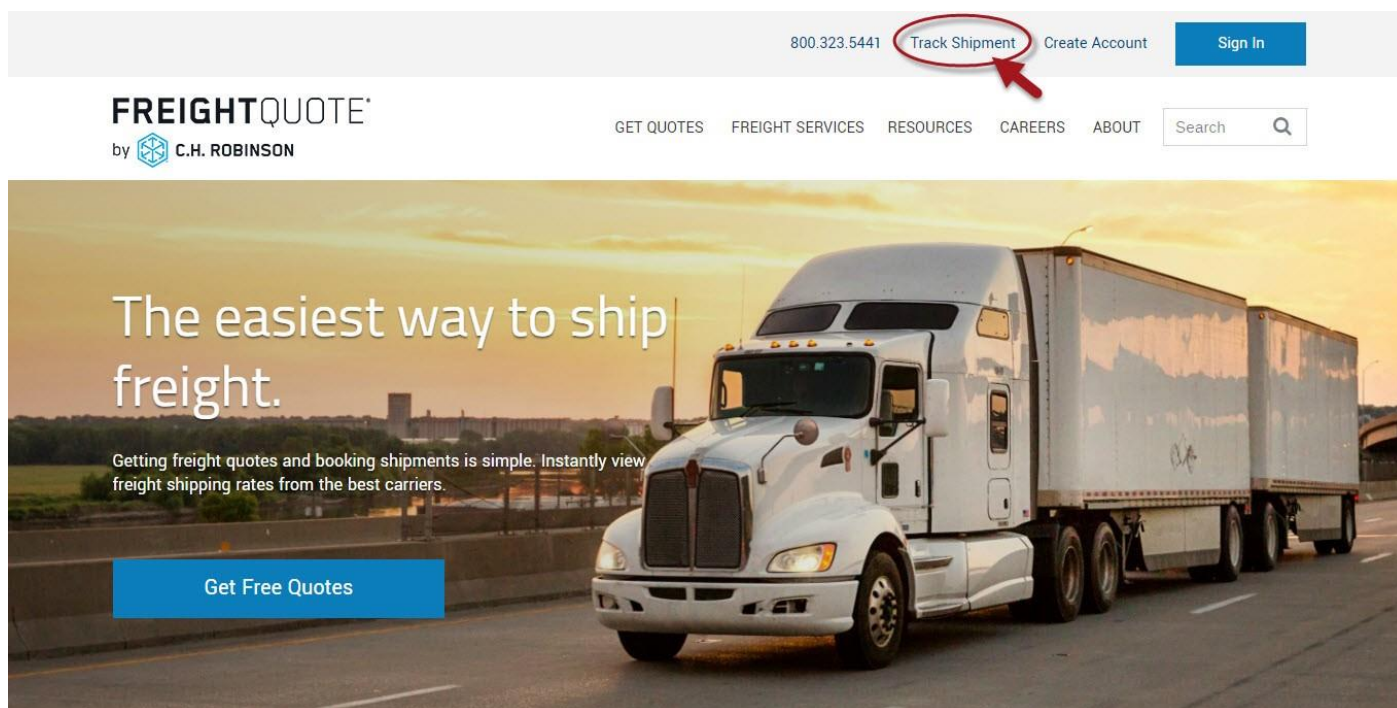
Commodity Types
GeneralMerchandise
Alcohol*
Appliances*
AutomobileParts*
ComputerEquipment*
ConsumerCareProductsPerfume*
ConsumerElectronicsIncludingCellPhonesAndTelevisions*
FoodAndBeverages*
GeneralMerch*
Metals*
Pharmaceuticals*
Tobacco*

*MultiStop TL Only

Content Types
NewCommercialGoods
UsedCommercialGoods

Appendix D: Track Shipment Functionality Through Freightquote.com

In conjunction with the Freightquote API, visitors of <https://www.freightquote.com> have the ability to simply click on the “Track Shipment” tab and request/view near real-time tracking updates.



Appendix E: Deprecated Requests

These request have been deprecated from the API:

- RequestCustomQuote
- RequestCustomerLeadDetails
- RequestPalletPacking