eShipPlus REST API

Version 4.x.x.x

Developers Technical Documentation.



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1. Introduction

The implementation of Logistics Plus eShipPlusWS product enables your company to fully realize the extensive rating features of a reliable and accurate rating engine. This solution simplifies your rate comparisons and rating activities whilst offering you the advantage of the Logistics Plus volume discounts from several national carriers.

Why eShipPlus RESTful Web Services?

- Easy integration
- Work in your familiar environment without the need to use another application UI
- Logistics Plus maintains rating engine

Please note, Logistics Plus Inc, provider of eShipPlus and the eShipPlusWS, reserves the right to change, update, and alter implementation of said service. However, taking into considering other production systems that might have this service as part of its implementation, we will provide updates prior to implementation of any changes/alteration and afford our valuable clients every opportunity within reason to properly prepare for said changes. We thank you for your understanding as we continue to improve and better the system for your benefit.

1.1 Manual Usage

This manual is intended for technical users tasked with developing an interface or the integration of an existing application to eShipPlusWS. While every effort is made to keep this manual current, there are continuous improvements being made with the intention of providing you even better service. The base eShipPlus REST endpoints are located at:

Test: https://cloudstaging.eshipplus.com/services/rest/

Production: http://www.eshipplus.com/services/rest/



1.2 System Requirements and Service Performance

Any system capable of using a REST webservice over HTTPS may utilize the eShipPlusWS. HTTP communication is supported, but unrecommended as user credentials are transmitted for authentication.

1.2.1 Bandwidth

It is important to ensure adequate bandwidth resources are available for your organizations web traffic needs. Limited bandwidth will result in sub-par performance when making web calls to the service.

In the following use case, we consider an organization with 20 TMS system users that require rate information from a TMS system that is integrated with eShipPlus.v4.0.x.x within 2 seconds.

Approximate size of upload request when calling Rate method = 2.07 Kb

Approximate size of download response object from call to Rate method = 16.6 Kb

Required upload bandwidth rate

- = (request size) * (concurrent users) / (number of seconds)
- = 2.07 Kb * 20 / 2 s = 20.7 Kbps

Required download bandwidth rate

- = (response size) * (concurrent users) / (number of seconds)
- = 16.6 Kb * 20 / 2 s = 166 Kbps

This organization will require a bandwidth network service that can support 20.7 Kbps upload and 166 Kbps download in addition to any other network bandwidth utilization.

1.2.1 Service Performance

A Typical round trip for a Rate service call using eShipPlus WS v4.0.x.x will take less than 8 seconds provided there is adequate bandwidth for the service call.

1.3 Functional Overview

Метнор	PURPOSE
GetAccessorialServices	Returns a list of accessorial services available.
GetLTLFreightClasses	Returns a list of LTL freight classes. This is the standard industry list ranging from class 50 through 500.
GetItemPackaging	Returns a list of packaging types (e.g. Pallets, Boxes) for item packaging designation.
GetCountries	Returns a list of countries with their corresponding country codes.
GetTimes	Returns a list of time objects (military time format). These range from 00:00 through 23:45 in 15 minute increments.
GetInputOptions	This method combines the returned values of GetAccessorialServices, GetLTLFreightClasses, GetItemPackaging, GetCountries and GetTimes into one object return.
GetCustomerCustomReferences	If the customer has elected the option, this method returns a list of custom field references setup for a specific customer account required for shipping purposes.
AddPONumber	Allows the addition of a purchase order number to a customer's list of purchase order numbers used for shipping purposes if the customer has elected this option.
AddPONumbers	Allows the addition of multiple purchase order numbers at the same time. Limit is 1000 per request call.
RetrievePONumber	Returns a simple purchase order number for a specific customer account.
UpdatePONumber	Allows the update of an existing purchase order number record.
DeletePONumber	Remove a purchase order number record for the specific customer account.
SubmitBookingRequest	Allows a client to submit a load to the operations department for cover.
GetBookingRequestStatus	Retrieves the current status of a specific booking request record.



RequestBookingRequestCancellation Allows the client to request the cancellation of a submitted booking

request.

Rate Rates a shipment configuration returning the rated configuration along

with available rates.

Books a rated shipment.

GetShipmentStatus Retrieves the status of a specific shipment record.

GetShipmentStatusCondensed Retrieves the condensed status of a specific shipment record.

GetShipmentDocument Retrieves a document from a quote or shipment.

RequestShipmentCancellation Allows the client to request the cancellation of a submitted shipment

record.

GetInvoice Retrieves an invoice record.

GetInvoicesByDueDate Retrieves invoice records within a specific due date range.

GetInvoicesByDate Retrieves invoice records within a specified date range.

GetInvoicesForShipment Retrieves invoice records for a specified shipment record.

SaveQuote Saves a quote to the system.

ConvertQuoteToShipment Converts a previously saved quote into a shipment.

UpdateVendorProNumber Updates the PRO number of a vendor on a shipment.

1.4 Authentication

Every service request received is authenticated in eShipPlusWS. The service consumer must place a Base-64 Encoded JSON string in a "eShipPlusAuth" header. The JSON format is as follows:

Content-Type: application/json

```
"UserName": "test",
    "Password": "password123",
    "AccessKey": "00000000-0000-0000-00000000000",
    "AccessCode": "AccessCode"
```



2. eShipPlusWS Web Services

2.1 GetAccessorialServices

2.1.1 URL

Method: POST or GET

URL: /GetAccessorialServices.aspx

2.1.2 Description

This method provides a list of the accessorials available in eShipPlus.

2.1.3 Input

Empty String.

GetAccessorialServices Request

```
2.1.4 Output
```



GetAccessorialServices Response

Field	Туре	Returned	Description
WSAccessorialService.	String	Always	Accessorial billing code.
BillingCode			
WSAccessorialService.	String	Always	Accessorial Service code.
ServiceCode			
WSAccessorialService.	String	Always	Accessorial service description.
ServiceDescription			
WSAccessorialService.	Boolean	Always	True if WSAccessorialService.Messages
ContainsErrorMessage			contains at least one error message. False
			otherwise.
WSAccessorialService	Complex	Conditional	Zero or more returned if there are messages.
.Messages	(multiple)		Can be null.
WSAccessorialService	String	Always	Message value.
.Messages.Value			
WSAccessorialService	Enum	Always	MessageType is: 0 for Error, 1 for Information,
.Messages.Type			2 for Warning, 3 for Null

2.2 GetLTLFreightClasses

2.2.1 URL

Method: POST or GET

URL: /GetLTLFreightClasses.aspx

2.2.2 Description

This method provides the standard LTL Freight class list.

2.2.3 Input

Empty String.

GetLTLFreightClasses Request



2.2.4 Output

GetLTLFreightClasses Response

Field	Туре	Returned	Description
WSFreightClass.	Double	Always	Standard freight class values ranging from
FreightClass			50 through 500.
WSFreightClass.	Boolean	Always	True if WSAccessorialService.Messages
ContainsErrorMessage			contains at least one error message. False
			otherwise.
WSFreightClass	Complex	Conditional	Zero or more returned if there are
.Messages	(multiple)		messages. Can be null.
WSFreightClass	String	Always	Message value.
.Messages.Value			
WSFreightClass	Enum	Always	MessageType is: 0 for Error, 1 for
.Messages.Type			Information, 2 for Warning, and 3 for
			Null.

2.3 GetItemPackaging

2.3.1 URL

Method: POST or GET

URL: /GetItemPackaging.aspx

2.3.2 Description

This method returns a list of item package types required for items submitted to services.



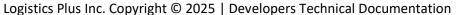
2.3.3 Input

Empty String.

GetItemPackaging Request

GetItemPackaging Response

Field	Туре	Returned	Description
WSItemPackage.Key	Long	Always	Key identifier.
WSItemPackage	String	Always	Descriptive name of packaging type.
.PackageName			
WSItemPackage	Decimal	Conditional	Default length if present and applicable.
.DefaultLength			Default value is zero.
WSItemPackage	Decimal	Conditional	Default height if present and applicable.
.DefaultHeight			Default value is zero.
WSItemPackage	Decimal	Conditional	Default width if present and applicable.
.DefaultWidth			Default value is zero.
WSItemPackage.	Boolean	Always	True if WSItemPackage.Messages
ContainsErrorMessage			contains at least one error message. False
			otherwise.
WSItemPackage	Complex	Conditional	Zero or more returned if there are
.Messages	(multiple)		messages. Can be null.



WSItemPackage	String	Always	Message value.
.Messages.Value			
WSItemPackage	Enum	Always	MessageType is: 0 for Error, 1 for
.Messages.Type			Information, 2 for Warning, and 3 for
			Null.

2.4 GetCountries

2.4.1 URL

Method: POST or GET

URL: /GetCountries.aspx

2.4.2 Description

This method returns a list of countries with corresponding country codes required for location objects country values.

2.4.3 Input

Empty String.

GetCountries Request

```
2.4.4 Output
```



GetCountries Response

Field	Туре	Returned	Description
WSCountry.Code	String	Always	Country code.
WSCountry.Name	String	Always	Country name
WSCountry	Boolean	Always	Indicates whether or not country utilizes
.UsesPostalCode			postal codes (or zips) in addresses.
WSCountry.	Boolean	Always	True if WSCountry.Messages contains at
ContainsErrorMessage			least one error message. False otherwise.
WSCountry . Messages	Complex	Conditional	Zero or more returned if there are
	(multiple)		messages. Can be null.
WSCountry	String	Always	Message value.
.Messages.Value			
WSCountry	Enum	Always	MessageType is: 0 for Error, 1 for
.Messages.Type			Information, 2 for Warning, and 3 for
			Null.

2.5 GetTimes

2.5.1 URL

Method: POST or GET URL: /GetTimes.aspx

2.5.2 Description

This method returns a list of time objects required for early and late pickup and delivery time values. Values range from 00:00 to 23:45 in 15 minute increments.

2.5.3 Input

Empty String.

GetTimes Request



2.5.4 Output

GetTimes Response

Field	Туре	Returned	Description
WSTime.Time	String	Always	Time values ranging from 00:00 to 23:45
			in 15 minute increments
WSTime.	Boolean	Always	True if WSTime.Messages contains at
ContainsErrorMessage			least one error message. False otherwise.
WSTime.Messages	Complex	Conditional	Zero or more returned if there are
	(multiple)		messages. Can be null.
WSTime	String	Always	Message value.
.Messages.Value			
WSTime	Enum	Always	MessageType is: 0 for Error, 1 for
.Messages.Type			Information, 2 for Warning, and 3 for
			Null.

2.6 GetInputOptions

2.6.1 URL

Method: POST or GET

URL: /GetInputOptions.aspx

2.6.2 Description

This method combines the returned values of GetAccessorialServices, GetLTLFreightClasses, GetItemPackaging, GetCountries and GetTimes into one object return.



2.6.3 Input

Empty String.

GetInputOptions Request

```
2.6.4 Output
```

```
{
      "AccessorialServices": [{
            "BillingCode": "BillingCode",
            "ServiceCode": "ServiceCode",
            "ServiceDescription": "ServiceDescription"
      } ],
      "LTLFreightClasses": [{
            "FreightClass": "FreightClass"
      } ],
      "ItemPackaging": [{
            "Key": "Key",
            "PackageName": "PackageName",
            "DefaultLength": "DefaultLength",
            "DefaultHeight": "DefaultHeight",
            "DefaultWidth": "DefaultWidth"
      }],
      "Countries": [{
            "Code": "Code",
            "Name": "Name",
            "UsesPostalCode": "UsesPostalCode"
      } ],
      "Times": [{
            "Time": "Time"
      } ],
      "ContainsErrorMessage": "ContainsErrorMessage",
      "Messages": [{
                         "Type": "Type",
                         "Value": "Value"
                  ] }
}
```

GetInputOptions Response

Field	Type	Returned	Description
WSInputOptions	Complex	Conditional	Zero or more return if present. Can be
.WSAccessorialService	(multiple)		null.
WSInputOptions	String	Always	Accessorial billing code.
.WSAccessorialService.			_
BillingCode			
WSInputOptions	String	Always	Accessorial Service code.
.WSAccessorialService.			
ServiceCode			
WSInputOptions	String	Always	Accessorial service description.
.WSAccessorialService.			
ServiceDescription			
WSInputOptions	Complex	Conditional	Zero or more return if present. Can be
.WSLTLFreightClass	(multiple)		null.
WSInputOptions	Double	Always	Standard freight class values ranging
.WSFreightClass. FreightClass			from 50 through 500.
WSInputOptions	Complex	Conditional	Zero or more return if present. Can be
.WSItemPackaging	(multiple)		null.
WSInputOptions	Long	Always	Key identifier.
.WSItemPackage.Key			
WSInputOptions	String	Always	Descriptive name of packaging type.
.WSItemPackage .PackageName			
WSInputOptions	Decimal	Conditional	Default length if present and
.WSItemPackage .DefaultLength			applicable. Default value is zero
WSInputOptions	Decimal	Conditional	Default height if present and
.WSItemPackage .DefaultHeight			applicable. Default value is zero
WSInputOptions	Decimal	Conditional	Default width if present and
.WSItemPackage .DefaultWidth			applicable. Default value is zero.
WSInputOptions .WSCountry	Complex	Conditional	Zero or more return if present. Can be
	(multiple)		null.
WSInputOptions	String	Always	Country code.
.WSCountry.Code			
WSInputOptions	String	Always	Country name
.WSCountry.Name			
WSInputOptions .WSCountry	Boolean	Always	Indicates whether or not country
.UsesPostalCode			utilizes postal codes (or zips) in
			addresses.
WSInputOptions .WSTime	Complex	Conditional	Zero or more return if present. Can be
	(multiple)		null.
WSInputOptions .WSTime.Time	String	Always	Time values ranging from 00:00 to
			23:45 in 15 minute increments



WSInputOptions.	Boolean	Always	True if
ContainsErrorMessage			WSAccessorialService.Messages
			contains at least one error message.
			False otherwise.
WSInputOptions.Messages	Complex	Conditional	Zero or more returned if there are
	(multiple)		messages. Can be null.
WSInputOptions.Messages.Value	String	Always	Message value.
WSInputOptions.Messages.Type	Enum	Always	MessageType is: 0 for Error, 1 for
			Information, 2 for Warning, and 3 for
			Null.

2.7 GetCustomerCustomReferences

2.7.1 URL

Method: POST or GET

URL: /GetCustomerCustomReferences.aspx

2.7.2 Description

If the customer has elected the option, this method returns a list of custom field references setup for a specific customer account required for shipping purposes.

2.7.3 Input

Empty String.

GetCustomerCustomReferences Request

2.7.4 Output

GetCustomerCustomReferences Response

Field	Туре	Returned	Description
WSReference .Name	String	Always	Reference field name.
WSReference .Value	String	Never	Field is always blank.
WSReference .Required	Boolean	Always	Indicates that the field is required or otherwise.
WSReference. ContainsErrorMessage	Boolean	Always	True if WSReference.Messages contains at least one error message. False otherwise.
WSReference.Messages	Complex (multiple)	Conditional	Zero or more returned if there are messages. Can be null.
WSReference.Messages.Value	String	Always	Message value.
WSReference.Messages.Type	Enum	Always	MessageType is: 0 for Error, 1 for Information, 2 for Warning, and 3 for Null.

2.8 AddPONumber

2.8.1 URL

Method: POST

URL: /AddPONumber.aspx



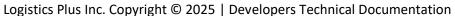
2.8.2 Description

Allows the addition of a purchase order number to a customer's list of purchase order numbers used for shipping purposes if the customer has elected this option.

2.8.3 Input

AddPONumber Request

Field	Туре	Required/ Optional	Description
WSCustomerPONumber	String	Required	Purchase order number. Maximum
.PONumber			length 50 characters.
WSCustomerPONumber	String	Required	For validation purposes. Postal code
.ValidPostalCode			for which purchase order is valid.
			Maximum length 10 characters
WSCustomerPONumber	Enum	Required	PONumberValidity: 0 for Origin or 1 for
.Validity			Destination. Designates what location
			to validate purchase order against.
WSCustomerPONumber	Int	Required	Maximum number of times purchase
.MaximumUses			order can be used.
WSCustomerPONumber	Int	Required	Current number of times purchase
.CurrentUses			order has been used. This field will be
			updated in the system as purchase
			order is used.
WSCustomerPONumber	DateTime	Required	Expiration date of purchase order
.ExpirationDate			number. Must be between 1/1/1753
			and 12/31/9999.
WSCustomerPONumber	String	Optional	Notes fields. Maximum length 50
.AdditionalPurchaseOrderN			characters.
otes			



WSCustomerPONumber .Country	Complex	Required	Postal code country for which purchase order is valid. Use one of the countries retrieved from service. See section 2.4 or 2.6.
WSCustomerPONumber .Country.Code	String	Required	Country code.
WSCustomerPONumber .Country.Name	String	Optional	Country name.
WSCustomerPONumber .Country.UsesPostalCode	Boolean	Optional	Indicates usage of postal code.
WSCustomerPONumber .ContainsErrorMessage	Boolean		Ignored on request.
WSCustomerPONumber .Messages	Complex (multiple)		Ignored on request.

2.8.4 Output

AddPONumber Response

Field	Туре	Returned	Description
WSReturn.	Boolean	Always	True if Messages contains at least one
ContainsErrorMessage			error message. False otherwise.
WSReturn.Messages	Complex (multiple)	Always	
WSReturn.Messages.Value	String	Always	Message value.
WSReturn.Messages.Type	Enum	Always	MessageType is: 0 for Error, 1 for Information, 2 for Warning, and 3 for Null.



2.9 AddPONumbers

2.9.1 URL

Method: POST

URL: /AddPONumbers.aspx

2.9.2 Description

Allows the addition of multiple purchase order numbers to a customer's list of purchase order numbers used for shipping purposes if the customer has elected this option. Maximum number per call to method is 1000.

```
2.9.3 Input
```

```
{
    "PONumber": "PONumber",
    "ValidPostalCode": "ValidPostalCode",
    "Validity": "0",
    "MaximumUses": "MaximumUses",
    "CurrentUses": "CurrentUses",
    "ExpirationDate": "ExpirationDate",
    "AdditionalPurchaseOrderNotes": "AdditionalPurchaseOrderNotes",
    "Country": {
        "Code": "Code",
        "Name": "Name",
        "UsesPostalCode": "UsesPostalCode"
        }
}
```

AddPONumbers Request

Field	Туре	Required/ Optional	Description
WSCustomerPONumber	Complex (multiple)	Required	Maximum count is 1000.
WSCustomerPONumber .PONumber	String	Required	Purchase order number. Maximum length 50 characters.
WSCustomerPONumber .ValidPostalCode	String	Required	For validation purpose. Postal code for which purchase order is valid. Maximum length 10 characters



		T	
WSCustomerPONumber .Validity	Enum	Required	PONumberValidity: 0 for Origin or 1 for Destination. Designates what location to validate purchase order against.
WSCustomerPONumber .MaximumUses	Int	Required	Maximum number of times purchase order can be used.
WSCustomerPONumber .CurrentUses	Int	Required	Current number of times purchase order has been used. This field will be updated in the system as purchase order is used.
WSCustomerPONumber .ExpirationDate	DateTime	Required	Expiration date of purchase order number. Must be between 1/1/1753 and 12/31/9999.
WSCustomerPONumber .AdditionalPurchaseOrderN otes	String	Optional	Notes fields. Maximum length 50 characters.
WSCustomerPONumber .Country	Complex	Required	Postal code country for which purchase order is valid. Use one of the countries retrieved from service. See section 2.4 or 2.6.
WSCustomerPONumber .Country.Code	String	Required	Country code.
WSCustomerPONumber .Country.Name	String	Optional	Country name.
WSCustomerPONumber .Country.UsesPostalCode	Boolean	Optional	Indicates usage of postal code.
WSCustomerPONumber. ContainsErrorMessage	Boolean		Ignored on request.
WSCustomerPONumber .Messages	Complex (multiple)		Ignored on request.

2.9.4 Output

AddPONumbers Response



Field	Туре	Returned	Description
WSReturn.	Boolean	Always	True if Messages contains at least one
ContainsErrorMessage			error message. False otherwise.
WSReturn.Messages	Complex (multiple)	Always	
WSReturn.Messages.Value	String	Always	Message value.
WSReturn.Messages.Type	Enum	Always	MessageType is: 0 for Error, 1 for Information, 2 for Warning, and 3 for Null.

2.10 RetrievePONumber

2.10.1 URL

Method: POST

URL: /RetrievePONumber.aspx

2.10.2 Description

Returns a simple purchase order number for a specific customer account.

2.10.3 Input

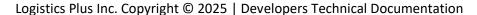
```
{
    "poNumber"
```

RetrievePONumber Request

Field	Туре	Required/ Optional	Description
poNumber	String	Required	Purchase order number of record to be retrieved.

2.10.4 Output

```
{
    "PONumber": "PONumber",
    "ValidPostalCode": "ValidPostalCode",
    "Validity": "0",
    "MaximumUses": "MaximumUses",
    "CurrentUses": "CurrentUses",
    "ExpirationDate": "ExpirationDate",
```



RetrievePONumber Response

Field	Туре	Returned	Description
WSCustomerPONumber	Complex	Always	
WSCustomerPONumber .PONumber	String	Always	Purchase order number.
WSCustomerPONumber .ValidPostalCode	String	Always	Postal code for which purchase order is valid.
WSCustomerPONumber .Validity	Enum	Always	PONumberValidity: 0 for Origin or 1 for Destination. Designates what location to validate purchase order against.
WSCustomerPONumber .MaximumUses	Int	Always	Maximum number of times purchase order can be used.
WSCustomerPONumber .CurrentUses	Int	Always	Current number of times purchase order has been used. This field will be updated in the system as purchase order is used.
WSCustomerPONumber .AdditionalPurchaseOrderNo tes	String	Conditional	If present.
WSCustomerPONumber .Country	Complex	Always	Postal code country for which purchase order is valid. Use one of the countries retrieved from service. See section 2.4 or 2.6.
WSCustomerPONumber .Country.Code	String	Always	Country code.
WSCustomerPONumber .Country.Name	String	Always	Country name.



WSCustomerPONumber	Boolean	Always	Indicates usage of postal code.
.Country.UsesPostalCode			
WSCustomerPONumber	DateTime	Always	Expiration date of purchase order
.ExpirationDate			number.
WSCustomerPONumber.	Boolean	Always	True if Messages contains at least
ContainsErrorMessage			one error message. False otherwise.
WSCustomerPONumber.Mes	Complex	Conditional	If there are messages.
sages	(multiple)		
WSCustomerPONumber.Mes	String	Always	Message value.
sages.Value			
WSCustomerPONumber.Mes	Enum	Always	MessageType is: 0 for Error, 1 for
sages.Type			Information, 2 for Warning, and 3 for
			Null.

2.11 UpdatePONumber

2.11.1 URL

Method: POST

URL: /UpdatePONumber.aspx

2.11.2 Description

Allows the update of an existing purchase order number record.

2.11.3 Input

UpdatePONumber Request



Field	Туре	Required/	Description
		Optional	
WSCustomerPONumber	String	Required	Purchase order number to be updated.
.PONumber			Maximum length 50 characters.
WSCustomerPONumber	String	Required	For validation purpose. Postal code for
.ValidPostalCode			which purchase order is valid.
			Maximum length 10 characters
WSCustomerPONumber	Enum	Required	PONumberValidity: 0 for Origin or 1 for
.Validity			Destination. Designates what location
			to validate purchase order against.
WSCustomerPONumber	Int	Required	Maximum number of times purchase
.MaximumUses		·	order can be used.
WSCustomerPONumber	Int	Required	Current number of times purchase
.CurrentUses			order has been used. This field will be
			updated in the system as purchase
			order is used.
WSCustomerPONumber	DateTime	Required	Expiration date of purchase order
.ExpirationDate			number. Must be between 1/1/1753
			and 12/31/9999.
WSCustomerPONumber	String	Optional	Notes fields. Maximum length 50
.AdditionalPurchaseOrderN			characters.
otes			
WSCustomerPONumber	Complex	Required	Postal code country for which purchase
.Country			order is valid. Use one of the countries
-			retrieved from service. See section 2.4
			or 2.6.
WSCustomerPONumber	String	Required	Country code.
.Country.Code			
WSCustomerPONumber	String	Optional	Country name.
.Country.Name			
WSCustomerPONumber	Boolean	Optional	Indicates usage of postal code.
.Country.UsesPostalCode			

2.11.4 Output

UpdatePONumber Response



Field	Туре	Returned	Description
WSReturn.	Boolean	Always	True if Messages contains at least one
ContainsErrorMessage			error message. False otherwise.
WSReturn.Messages	Complex (multiple)	Always	
WSReturn.Messages.Value	String	Always	Message value.
WSReturn.Messages.Type	Enum	Always	MessageType is: 0 for Error, 1 for Information, 2 for Warning, and 3 for Null.

2.12 DeletePONumber

2.12.1 URL

Method: POST

URL: /DeletePONumber.aspx

2.12.2 Description

Remove a purchase order number record for the specific customer account.

```
2.12.3 Input
{
    "poNumber"
```

DeletePONumber Request

Field	Туре	Required/ Optional	Description
poNumber	String	Required	Purchase order number of record to
			delete.

2.12.4 Output



DeletePONumber Response

Field	Туре	Returned	Description
WSReturn.	Boolean	Always	True if Messages contains at least one
ContainsErrorMessage			error message. False otherwise.
WSReturn.Messages	Complex	Always	
	(multiple)		
WSReturn.Messages.Value	String	Always	Message value.
WSReturn.Messages.Type	Enum	Always	MessageType is: 0 for Error, 1 for Information, 2 for Warning, and 3 for Null.

2.13 SubmitbookingRequest

2.13.1 URL

Method: POST

URL: /SubmitBookingRequest.aspx

2.13.2 Description

Allows a client to submit a load to the operations department for cover.

2.13.3 Input

```
"SubmittedRequestNumber": null,
"Origin": {
      "Description": "Origin Name",
      "Street": "123 Origin Street",
      "StreetExtra": null,
      "PostalCode": "M2J3Z6",
      "City": "City",
      "State": "State",
      "Country": {
            "Code": "CA",
            "Name": "Canada",
            "UsesPostalCode": true
      "SpecialInstructions": TEST,
      "GeneralInfo": null,
      "Direction": null,
      "Email": null,
```

```
"Contact": "John Doe",
      "Phone": "111-111-1111",
      "Fax": null,
      "Mobile": null,
      "ContactComment": null
"Destination": {
      "Description": "Destination Name",
      "Street": "456 Destination Street",
      "StreetExtra": null,
      "PostalCode": "44445",
      "City": "City",
      "State": "State",
      "Country": {
            "Code": "US",
            "Name": "United States",
            "UsesPostalCode": true
      "SpecialInstructions": null,
      "GeneralInfo": null,
      "Direction": null,
      "Email": null,
      "Contact": "Jane Doe",
      "Phone": "222-222-2222",
      "Fax": null,
      "Mobile": null,
      "ContactComment": null
"ReferenceNumber": "20975",
"PurchaseOrder": "13181",
"OverrideApiRatingDates": false,
"DisableApiBookingNotifications": false,
"CustomReferences": null,
"DesiredShipmentDate": "2018-02-21T13:58:09.3752973-05:00",
"EarliestPickup": {
      "Time": "08:00"
"LatestPickup": {
      "Time": "17:00"
"EarliestDelivery": null,
"LatestDelivery": null,
"Items": [{
            "Weight": 1000.0,
            "PackagingQuantity": 1,
            "SaidToContain": 1,
            "Height": 40.0,
            "Width": 48.0,
            "Length": 48.0,
            "Stackable": false,
            "HazardousMaterial": false,
            "DeclaredValue": 100.0,
            "Description": "Test Type",
            "Comment": "",
```

```
"NationalMotorFreightClassification": "",
            "HarmonizedTariffSchedule": "",
            "Packaging": {
                  "Key": 258,
                  "PackageName": "Pallets",
                  "DefaultLength": 0.0,
                  "DefaultHeight": 0.0,
                  "DefaultWidth": 0.0
            "FreightClass": {
                  "FreightClass": 77.5
      }, {
            "Weight": 1000.0,
            "PackagingQuantity": 1,
            "SaidToContain": 1,
            "Height": 40.0,
            "Width": 48.0,
            "Length": 48.0,
            "Stackable": false,
            "HazardousMaterial": false,
            "DeclaredValue": 100.0,
            "Description": "Test Type",
            "Comment": "",
            "NationalMotorFreightClassification": "",
            "HarmonizedTariffSchedule": "",
            "Packaging": {
                  "Key": 258,
                  "PackageName": "Pallets",
                  "DefaultLength": 0.0,
                  "DefaultHeight": 0.0,
                  "DefaultWidth": 0.0
            "FreightClass": {
                  "FreightClass": 77.5
            }
],
"Accessorials": [{
            "ServiceCode": "RESD",
            "ServiceDescription": "Private Residence Delivery",
            "BillingCode": "RESD"
      }, {
            "ServiceCode": "LGD",
            "ServiceDescription": "Lift-Gate Service Delivery",
            "BillingCode": "LGD"
"DeclineAdditionalInsuranceIfApplicable": true,
"HazardousMaterialShipment": false,
"HazardousMaterialContactName": null,
"HazardousMaterialContactPhone": null,
"HazardousMaterialContactMobile": null,
"HazardousMaterialContactEmail": null,
```

```
"Messages": null,
"ContainsErrorMessage": false
```

SubmitbookingRequest Request

}

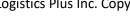
Field	Туре	Required/ Optional	Description
WSBookingRequest	Complex	Required	
WSBookingRequest .SubmittedRequestNumber	String		Ignored on request.
WSBookingRequest .Origin	Complex	Required	Origin location information
WSBookingRequest .Origin .Description	String	Required	Name or description of location. Maximum length 50 characters.
WSBookingRequest .Origin .Street	String	Optional	Street name. Maximum length 50 characters.
WSBookingRequest .Origin .StreetExtra	String	Optional	Street name extra. Maximum length 50 characters.
WSBookingRequest .Origin .PostalCode	String	Optional	Postal code. Maximum length 10 characters.
WSBookingRequest .Origin .City	String	Optional	City. Maximum length 50 characters
WSBookingRequest .Origin .State	String	Optional	State. Maximum length 50 characters
WSBookingRequest .Origin .Country	Complex	Required	Use one of the countries retrieved from service. See section 2.4 or 2.6.
WSBookingRequest .Origin .Country.Code	String	Required	Country code.
WSBookingRequest .Origin .Country.Name	String	Optional	Country name.
WSBookingRequest .Origin .Country.UsesPostalCode	Boolean	Optional	Indicates that country uses postal code.
WSBookingRequest .Origin .SpecialInstructions	String	Optional	Maximum length 500 characters.
WSBookingRequest .Origin .GeneralInfo	String	Optional	For location. Maximum length 2000 characters.
WSBookingRequest .Origin .Direction	String	Optional	To location. Maximum length 2000 characters.
WSBookingRequest .Origin.Email	String	Optional	Maximum length 100 characters.
WSBookingRequest .Origin.Contact	String	Required	Contact person. Maximum length 50 characters.



MCDookingDaggest	Ctring	Doguinad	Maximum langth FC sharestors
WSBookingRequest	String	Required	Maximum length 50 characters.
.Origin.Phone	Chuin -	Outional	Manipular the FO share there
WSBookingRequest	String	Optional	Maximum length 50 characters.
.Origin.Fax	Chila	0.11	Maria and Forday and
WSBookingRequest .Origin	String	Optional	Maximum length 50 characters.
.Mobile			
WSBookingRequest	Complex	Required	Destination location information
.Destination	0.1		
WSBookingRequest.	String	Required	Name or description of location.
Destination .Description			Maximum length 50 characters.
WSBookingRequest.	String	Optional	Street name. Maximum length 50
Destination .Street			characters.
WSBookingRequest.	String	Optional	Street name extra. Maximum length 50
Destination .StreetExtra			characters.
WSBookingRequest.	String	Optional	Postal code. Maximum length 10
Destination .PostalCode			characters.
WSBookingRequest.	String	Optional	City. Maximum length 50 characters
Destination .City			
WSBookingRequest .	String	Optional	State. Maximum length 50 characters
Destination .State			
WSBookingRequest .	Complex	Required	Use one of the countries retrieved from
Destination .Country			service. See section 2.4 or 2.6.
WSBookingRequest .	String	Required	Country code.
Destination .Country.Code			
WSBookingRequest .	String	Optional	Country name.
Destination .Country.Name			
WSBookingRequest .	Boolean	Optional	Indicates that country uses postal code.
Destination			
.Country.UsesPostalCode			
WSBookingRequest .	String	Optional	Maximum length 500 characters.
Destination			
.SpecialInstructions			
WSBookingRequest	String	Optional	For location. Maximum length 2000
.Destination .GeneralInfo			characters.
WSBookingRequest	String	Optional	To location Maximum length 2000
.Destination .Direction			characters.
WSBookingRequest .	String	Optional	Maximum length 100 characters.
Destination .Email			
WSBookingRequest.	String	Required	Contact person. Maximum length 50
Destination .Contact			characters.
WSBookingRequest.	String	Required	Maximum length 50 characters.
Destination .Phone		· .	_
	i e	1	· ·



WCDookingDogwood	Ctring	Ontional	Maximum langth EO characters
WSBookingRequest . Destination .Fax	String	Optional	Maximum length 50 characters.
WSBookingRequest.	Ctring	Optional	Maximum langth E0 characters
Destination .Mobile	String	Ориона	Maximum length 50 characters.
WSBookingRequest	String	Optional	Maximum length 200 characters.
.Destination	String	Optional	Widelingth 200 characters.
.ContactComment			
WSBookingRequest	String	Optional	Shipper reference number. Maximum
.ReferenceNumber			length 50 characters.
WSBookingRequest	String	Optional	Purchase Order Number. Maximum
.PurchaseOrder			length 50 characters.
WSBookingRequest	Complex	Optional	Custom customer reference. Zero or
.CustomerReferences	(multiple)		more.
WSBookingRequest	String	Required	Maximum length 50 characters.
.CustomerReferences			
.Name			
WSBookingRequest	String	Optional	Required if field is marked as required
.CustomerReferences .Value			or account setup requires field.
			Maximum length 50 characters.
WSBookingRequest	Boolean	Required	True or False.
.CustomerReferences			
.Required			
WSBookingRequest	DateTime	Required	Value must be between 1/1/1753 and
.DesiredShipmentDate			12/31/9999
WSBookingRequest	Complex	Required	Use one of the times retrieved from
.EarliestPickup			service. See section 2.5 or 2.6.
WSBookingRequest	String	Required	
.EarliestPickup .Time			
WSBookingRequest	Complex	Required	Use one of the times retrieved from
.LatestPickup	Chuin -	Danishad	service. See section 2.5 or 2.6.
WSBookingRequest .LatestPickup .Time	String	Required	
•	Compley	Required	Use one of the times retrieved from
WSBookingRequest .EarliestDelivery	Complex	nequired	service. See section 2.5 or 2.6.
WSBookingRequest	String	Required	Service. See Section 2.5 or 2.0.
.EarliestDelivery .Time	Julie	Required	
WSBookingRequest	Complex	Required	Use one of the times retrieved from
.LatestDelivery	Jompiex	quii cu	service. See section 2.5 or 2.6.
WSBookingRequest	String	Required	22 23 23 23 23 23 24 213
.LatestDelivery .Time			
WSBookingRequest .Items	Complex	Required	One or more.
	(multiple)		
WSBookingRequest .Items	Decimal	Required	Value between 0 and 99999999.9999 in
.Weight			pounds (lb).
	l .		p-5



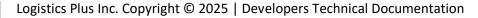
WSBookingRequest .Items	Int	Required	Must be greater than zero.
.PackagingQuantity		Required	Widst be greater than zero.
WSBookingRequest .Items	Int	Optional	Must be greater than or equal to zero.
.SaidToContain		Optional	Also known as piece count.
WSBookingRequest .Items	Decimal	Optional	Value between 0 and 9999.9999 in
.Length	Decimal	Optional	inches (in).
WSBookingRequest .Items	Decimal	Optional	Value between 0 and 9999.9999 in
.Width	D commun	Optional	inches (in).
WSBookingRequest .Items	Decimal	Optional	Value between 0 and 9999.9999 in
.Height		Брисии	inches (in).
WSBookingRequest .Items	Boolean	Required	True or false.
.Stackable			
WSBookingRequest .Items	Boolean	Required	True or false. If Shipment is marked as
.HazardousMaterial		'	hazmat and no other items are marked
			as such, all items will be marked as
			hazmat.
WSBookingRequest .Items	Decimal	Optional	Value between 0 and
.DeclaredValue			99999999999999999999999999999999999999
WSBookingRequest .Items	String	Required	Item description. Maximum length 100
.Description			characters.
WSBookingRequest .Items	String	Optional	NMFC. Maximum length 50 characters.
.NationalMotorFreight			
Classification			
WSBookingRequest .Items	String	Optional	HTS. Maximum length 50 characters.
.HarmonizedTariffSchedule			
WSBookingRequest .Items	Complex	Required	Use one of the package options
.Packaging			retrieved from service. See section 2.3
			or 2.6.
WSBookingRequest .Items	Long	Required	
.Packaging .Key			
WSBookingRequest .Items	String	Optional	
.Packaging .PackageName	Destant.	0.11	
WSBookingRequest .Items	Decimal	Optional	
.Packaging .DefaultLength	Dasimal	Ontional	
WSBookingRequest .Items .Packaging .DefaultWidth	Decimal	Optional	
WSBookingRequest .Items	Decimal	Ontional	
.Packaging .DefaultHeight	Decimal	Optional	
WSBookingRequest .Items	Complex	Optional	Use one of the freight class options
.FreightClass	Complex	Optional	retrieved from service. See section 2.2
a reigniciass			or 2.6.
WSBookingRequest .Items	Double	Required	0. 2.0.
.FreightClass .FreightClass		cquirea	
		1	



WSBookingRequest	Complex	Optional	Zero or more. Use one of the
.Accessorials	(multiple)		accessorial service options retrieved
	, ,		from service. See section 2.1 or 2.6.
WSBookingRequest	String	Required	
.Accessorials .ServiceCode			
WSBookingRequest	String	Optional	
.Accessorials			
.ServiceDescription			
WSBookingRequest	String	Optional	
.Accessorials .BillingCode			
WSBookingRequest	Boolean	Required	True or False. Only applies if customer
.DeclineAdditionalInsurance			setup has additional insurance enabled.
IfApplicable			
WSBookingRequest	Boolean	Required	True or False.
.HazardousMaterialShipme			
nt			
WSBookingRequest	String	Required	Maximum length 50 characters.
.HazardousMaterialContact			
Name			
WSBookingRequest	String	Required	Maximum length 50 characters.
.HazardousMaterialContact			
Phone			
WSBookingRequest	String	Optional	Maximum length 50 characters.
.HazardousMaterialContact			
Mobile			
WSBookingRequest	String	Optional	Maximum length 50 characters.
.HazardousMaterialContact			
Email			
WSBookingRequest.	Boolean		Ignored on request.
ContainsErrorMessage			
WSBookingRequest	Complex		Ignored on request.
.Messages	(multiple)		

2.13.4 Output

```
{
    "SubmittedRequestNumber": "xxxxx",
    "Origin": {
        "Description": "Origin Name",
        "Street": "123 Origin Street",
        "StreetExtra": null,
        "PostalCode": "M2J3Z6",
        "City": "City",
        "State": "State",
        "Country": {
```



```
"Code": "CA",
            "Name": "Canada",
            "UsesPostalCode": true
      "SpecialInstructions": null,
      "GeneralInfo": null,
      "Direction": null,
      "Email": null,
      "Contact": "John Doe",
      "Phone": "111-111-1111",
      "Fax": null,
      "Mobile": null,
      "ContactComment": null
"Destination": {
      "Description": "Destination Name",
      "Street": "456 Destination Street",
      "StreetExtra": null,
      "PostalCode": "44445",
      "City": "City",
      "State": "State",
      "Country": {
            "Code": "US",
            "Name": "United States",
            "UsesPostalCode": true
      "SpecialInstructions": null,
      "GeneralInfo": null,
      "Direction": null,
      "Email": null,
      "Contact": "Jane Doe",
      "Phone": "222-222-2222",
      "Fax": null,
      "Mobile": null,
      "ContactComment": null
},
"ReferenceNumber": "20975",
"PurchaseOrder": "13181",
"OverrideApiRatingDates": false,
"DisableApiBookingNotifications": false,
"CustomReferences": null,
"DesiredShipmentDate": "2018-02-22T13:51:28.5655749-05:00",
"EarliestPickup": {
      "Time": "08:00"
"LatestPickup": {
      "Time": "17:00"
"EarliestDelivery": null,
"LatestDelivery": null,
"Items": [{
            "Weight": 1000.0,
            "PackagingQuantity": 1,
            "SaidToContain": 1,
```

```
"Height": 40.0,
            "Width": 48.0,
            "Length": 48.0,
            "Stackable": false,
            "HazardousMaterial": false,
            "DeclaredValue": 100.0,
            "Description": "Test Type",
            "Comment": "",
            "NationalMotorFreightClassification": "",
            "HarmonizedTariffSchedule": "",
            "Packaging": {
                  "Key": 258,
                  "PackageName": "Pallets",
                  "DefaultLength": 0.0,
                  "DefaultHeight": 0.0,
                  "DefaultWidth": 0.0
            "FreightClass": {
                  "FreightClass": 77.5
            "Weight": 1000.0,
            "PackagingQuantity": 1,
            "SaidToContain": 1,
            "Height": 40.0,
            "Width": 48.0,
            "Length": 48.0,
            "Stackable": false,
            "HazardousMaterial": false,
            "DeclaredValue": 100.0,
            "Description": "Test Type",
            "Comment": "",
            "NationalMotorFreightClassification": "",
            "HarmonizedTariffSchedule": "",
            "Packaging": {
                  "Key": 258,
                  "PackageName": "Pallets",
                  "DefaultLength": 0.0,
                  "DefaultHeight": 0.0,
                  "DefaultWidth": 0.0
            "FreightClass": {
                  "FreightClass": 77.5,
            }
"Accessorials": [{
            "ServiceCode": "RESD",
            "ServiceDescription": "Private Residence Delivery",
            "BillingCode": "RESD"
            "ServiceCode": "LGD",
            "ServiceDescription": "Lift-Gate Service Delivery",
            "BillingCode": "LGD"
```

```
}
],
"DeclineAdditionalInsuranceIfApplicable": true,
"HazardousMaterialShipment": false,
"HazardousMaterialContactName": null,
"HazardousMaterialContactPhone": null,
"HazardousMaterialContactMobile": null,
"HazardousMaterialContactEmail": null,
"ContainsErrorMessage": false,
"Messages": [],
}
```

SubmitbookingRequest Response

Field	Туре	Returned	Description
WSBookingRequest	Complex	Always	
WSBookingRequest .SubmittedRequestNumbe r	String	Conditional	If load successfully submitted. Messages will contain error if otherwise.
WSBookingRequest .Origin	Complex	Always	Origin location information
WSBookingRequest .Origin .Description	String	Always	As submitted.
WSBookingRequest .Origin .Street	String	Conditional	If submitted.
WSBookingRequest .Origin .StreetExtra	String	Conditional	If submitted.
WSBookingRequest .Origin .PostalCode	String	Conditional	If submitted.
WSBookingRequest .Origin .City	String	Conditional	If submitted.
WSBookingRequest .Origin .State	String	Conditional	If submitted
WSBookingRequest .Origin .Country	Complex	Always	
WSBookingRequest .Origin .Country.Code	String	Always	As submitted.
WSBookingRequest .Origin .Country.Name	String	Conditional	If submitted.
WSBookingRequest .Origin .Country.UsesPostalCode	Boolean	Always	As submitted.
WSBookingRequest .Origin .SpecialInstructions	String	Conditional	If submitted.
WSBookingRequest .Origin .GeneralInfo	String	Conditional	If submitted.



MCD - aldin - Door - 1 - 1	Chuin	Canadiai	If and and the d
WSBookingRequest .Origin	String	Conditional	If submitted.
.Direction	Chuin -	Compliation	If our brackets of
WSBookingRequest .Origin	String	Conditional	If submitted.
.Email	Chuin -	A I	A
WSBookingRequest .Origin	String	Always	As submitted.
.Contact	Ctring	Alwaye	As submitted.
WSBookingRequest .Origin .Phone	String	Always	As Submitted.
WSBookingRequest .Origin	String	Conditional	If submitted.
.Fax	Julig	Conditional	ii subillitteu.
	Ctring	Conditional	If submitted.
WSBookingRequest .Origin .Mobile	String	Conditional	ii subiliitteu.
WSBookingRequest	Complex	Always	
.Destination	Complex	Aiways	
WSBookingRequest .	String	Always	As submitted.
Destination .Description	Julia	, livvay3	7.5 Submitted.
WSBookingRequest .	String	Conditional	If submitted.
Destination .Street	208	33.13.13.131	
WSBookingRequest.	String	Conditional	If submitted.
Destination .StreetExtra			
WSBookingRequest.	String	Conditional	If submitted.
Destination .PostalCode			
WSBookingRequest.	String	Conditional	If submitted.
Destination .City			
WSBookingRequest.	String	Conditional	If submitted.
Destination .State			
WSBookingRequest.	Complex	Always	
Destination .Country			
WSBookingRequest.	String	Always	As submitted.
Destination .Country.Code			
WSBookingRequest.	String	Conditional	If submitted.
Destination .Country.Name			
WSBookingRequest.	Boolean	Conditional	If submitted.
Destination			
.Country.UsesPostalCode			
WSBookingRequest.	String	Conditional	If submitted.
Destination			
.SpecialInstructions	Chuin -	Canalitical	If and another al
WSBookingRequest . Destination .GeneralInfo	String	Conditional	If submitted.
	Ctrin-	Conditional	If submitted
WSBookingRequest . Destination .Direction	String	Conditional	If submitted.
	Ctring	Conditional	If submitted.
WSBookingRequest . Destination .Email	String	Conditional	ii Subiliitteu.
			echnical Documentation



WSBookingRequest.	String	Always	As submitted.
Destination .Contact	Julia	Aiways	As submitted.
WSBookingRequest.	String	Always	As submitted.
Destination .Phone	String	7 livays	7.5 Submitted.
WSBookingRequest .	String	Conditional	If submitted.
Destination .Fax	String	Conditional	ii sasiiiittea.
WSBookingRequest.	String	Conditional	If submitted.
Destination . Mobile	348	Conditional	ii sasiiiiceai
WSBookingRequest	String	Conditional	If submitted.
.Destination			
.ContactComment			
WSBookingRequest	String	Conditional	If submitted.
.ReferenceNumber			
WSBookingRequest	String	Conditional	If submitted.
.PurchaseOrder			
WSBookingRequest	Complex	Conditional	If submitted.
.CustomerReferences	(multiple)		
WSBookingRequest	String	Always	As submitted.
.CustomerReferences			
.Name			
WSBookingRequest	String	Conditional	If submitted.
.CustomerReferences			
.Value			
WSBookingRequest	Boolean	Always	As submitted.
.CustomerReferences			
.Required	5		
WSBookingRequest	DateTime	Always	As submitted.
.DesiredShipmentDate	Camanlay	Almana	
WSBookingRequest .EarliestPickup	Complex	Always	
WSBookingRequest	String	Always	As submitted.
.EarliestPickup .Time	String	Always	As submitted.
WSBookingRequest	Complex	Always	
.LatestPickup	Complex	Aiways	
WSBookingRequest	String	Always	As submitted.
.LatestPickup .Time	361118	/ livvay3	7.5 Subtricted.
	1		
WSBookingRequest	Complex	Always	
WSBookingRequest .EarliestDelivery	Complex	Always	
.EarliestDelivery	<u> </u>	,	As submitted.
.EarliestDelivery WSBookingRequest	Complex String	Always	As submitted.
.EarliestDelivery	<u> </u>	,	As submitted.



WSBookingRequest	Complex	Always	
.LatestDelivery	Complex	Aiways	
WSBookingRequest	String	Always	As submitted.
.LatestDelivery .Time	Julia	Aiways	A3 3ubillitteu.
WSBookingRequest .Items	Complex	Always	
**************************************	(multiple)	Aiways	
WSBookingRequest .Items	Decimal	Always	As submitted.
.Weight		7	
WSBookingRequest .Items	Int	Always	As submitted.
.PackagingQuantity		1,1	
WSBookingRequest .Items	Int	Conditional	As submitted.
.SaidToContain			
WSBookingRequest .Items	Decimal	Conditional	As submitted.
.Length			
WSBookingRequest .Items	Decimal	Conditional	As submitted.
.Width			
WSBookingRequest .Items	Decimal	Conditional	As submitted.
.Height			
WSBookingRequest .Items	Boolean	Always	As submitted.
.Stackable			
WSBookingRequest .Items	Decimal	Conditional	As submitted
.DeclaredValue		1	
WSBookingRequest .Items	String	Always	
.Description	Chuin n	Camaliticant	If a describe a
WSBookingRequest .Items	String	Conditional	If submitted.
.NationalMotorFreight Classification			
Ciassification			
WSBookingRequest .Items	String	Conditional	If submitted.
.HarmonizedTariffSchedule	- Cb		Jasimeed.
WSBookingRequest .Items	Complex	Always	
.Packaging			
WSBookingRequest .Items	Long	Always	As submitted.
.Packaging .Key		,	
WSBookingRequest .Items	String	Conditional	If submitted.
.Packaging .PackageName			
WSBookingRequest .Items	Decimal	Conditional	As submitted.
.Packaging .DefaultLength			
WSBookingRequest .Items	Decimal	Conditional	As submitted.
.Packaging .DefaultWidth			
WSBookingRequest .Items	Decimal	Conditional	As submitted.
.Packaging .DefaultHeight			



WSBookingRequest .Items	Complex	Conditional	If submitted.
.FreightClass	D. H.	A1	A contraction of
WSBookingRequest .Items .FreightClass .FreightClass	Double	Always	As submitted.
	Commission	Conditional	If an horality and
WSBookingRequest .Accessorials	Complex (multiple)	Conditional	If submitted.
		Almania	As submitted.
WSBookingRequest .Accessorials .ServiceCode	String	Always	As submitted.
WSBookingRequest	String	Conditional	If submitted.
.Accessorials	String	Conditional	ii subiliitteu.
.ServiceDescription			
WSBookingRequest	String	Conditional	If submitted.
.Accessorials .BillingCode	Julig	Conditional	ii subiliitted.
WSBookingRequest	Boolean	Always	As submitted.
.DeclineAdditionalInsuranc	Doolean	7 livvay5	7.5 Submitted.
e IfApplicable			
WSBookingRequest	Boolean	Always	As submitted.
.HazardousMaterialShipme			
nt			
WSBookingRequest	String	Always	As submitted.
.HazardousMaterialContac			
tName			
WSBookingRequest	String	Always	As submitted.
.HazardousMaterialContac			
tPhone			
WSBookingRequest	String	Conditional	If submitted.
.HazardousMaterialContac			
tMobile			
		1	
WSBookingRequest	String	Conditional	If submitted.
.HazardousMaterialContac			
tEmail	Do alogia	Alwaye	Two if Massages esisteins at least and
WSBookingRequest.	Boolean	Always	True if Messages contains at least one
ContainsErrorMessage WSBookingRequest	Compley	Conditional	error message. False otherwise. If there are messages. Can be null.
.Messages	Complex (multiple)	Conditional	in there are messages. Can be fiull.
WSBookingRequest	String	Always	Message value.
.Messages.Value	Julia	Aiways	ivicssage value.
WSBookingRequest	Enum	Always	MessageType is: 0 for Error, 1 for
.Messages.Type	LIIGIII	Aiways	Information, 2 for Warning, and 3 for
.iviessages.iype			Null.
L			TVUII.



2.14 GetBookingRequestStatus

2.14.1 URL

Method: POST

URL: /GetBookingRequestStatus.aspx

2.14.2 Description

Retrieves the current status of a specific booking request record.

```
2.14.3 Input
```

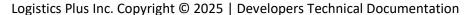
```
{
    "bookingNumber"
}
```

GetBookingRequestStatus Request

Field	Туре	Required/ Optional	Description
bookingNumber	String	Required	Booking number of record for which
			status is desired.

2.14.4 Output

```
{
       "BookingNumber": "58721",
       "Status": 1,
       "Shipments": [{
                       "ShipmentNumber": "58721",
                       "Status": 0,
                       "DateCreated": "2017-05-31T18:47:46.057",
                       "EstimatePickupDate": "2017-05-31T00:00:00",
                       "EstimateDeliveryDate": "2017-06-06T00:00:00",
                       "ActualPickupDate": "1753-01-01T00:00:00",
                       "ActualDeliveryDate": "1753-01-01T00:00:00",
                       "IsPickedUp": false,
                       "IsDelivered": false,
                       "Mode": 0,
                       "Pro": "",
                       "VendorKey": "63",
                       "VendorName": "Con Way",
                       "VendorScac": "CNWY",
                       "CheckCalls": [{
                               "CallNotes": "",
                               "CallDate": "2017-05-31T18:47:46.057",
```



```
"StatusCode": 0,
                } ] ,
                "BillingDetails": [{
                        "ReferenceNumber": "",
                        "ReferenceType": 0,
                        "BillingCode": "",
                        "Description": "",
                        "Category": 0,
                        "AmountDue": 20.99
                } ],
                "Documents": [{
                       "DocumentName": "",
                        "DocumentKey": 0
                } ] ,
],
"ContainsErrorMessage": false,
"Messages": [{
        "Value": "",
        "Type": 0
} ],
```

GetBookingRequestStatus Response

Field	Туре	Returned	Description
WSBookingRequestStatus	Complex	Always	
WSBookingRequestStatus	String	Conditional	If record found.
.BookingNumber			
WSBookingRequestStatus	Enum	Conditional	If record found. Value
.Status			BookingRequestStatus: 0 for
			PendingCover, 1 for Covered or 3 for Cancelled.
WSBookingRequestStatus .Shipments	Complex (multiple)	Conditional	If record has associated shipments available. Can be null.
WSBookingRequestStatus .Shipments .ShipmentNumber	String	Always	
WSBookingRequestStatus .Shipments .Status	Enum	Always	ShipmentStatus: 0 for Scheduled, 1 for InTransit, 2 for Delivered, 3 for Invoiced or 4 for Void
WSBookingRequestStatus .Shipments .EstimatePickupDate	DateTime	Always	



WSBookingPoguestStatus	DateTime	Λίννονς	
WSBookingRequestStatus .Shipments	Daterine	Always	
.EstimateDeliveryDate			
	DateTime	Alwaye	Value of 1/1/1753 00:00:00 is default
WSBookingRequestStatus .Shipments	Daterine	Always	value indicating no date.
.ActualPickupDate			value mulcating no date.
•	DeteTime	Alvere	Value of 1/1/1752 00:00:00 is default
WSBookingRequestStatus	DateTime	Always	Value of 1/1/1753 00:00:00 is default
.Shipments			value indicating no date.
.ActualDeliveryDate	Boolean	Alwaya	True if Actual Dickum Date is not oqual
WSBookingRequestStatus	Boolean	Always	True if ActualPickupDate is not equal
.Shipments .IsPickedUp	Daalaaa	Almana	to 1/1/1753 00:00:00
WSBookingRequestStatus	Boolean	Always	True if ActualDeliveryDate is not equal
.Shipments .IsDelivered	F	Almana	to 1/1/1753 00:00:00
WSBookingRequestStatus	Enum	Always	ServiceMode: 0 for LessThanTruckload,
.Shipments .Mode			1 for Truckload, 2 for Air, 3 for Rail, 4
			for SmallPackage or 5 for NotApplicable
WSBookingRequestStatus	String	Conditional	If present.
.Shipments .Pro	String	Conditional	ii present.
WSBookingRequestStatus	String	Always	
.Shipments .VendorKey	String	Always	
WSBookingRequestStatus	String	Always	
.Shipments .VendorName	Julig	Always	
WSBookingRequestStatus	String	Conditional	If present.
.Shipments .VendorScac	Julia	Conditional	ii present.
WSBookingRequestStatus	Complex	Conditional	If check calls are present for shipment.
.Shipments .CheckCalls	(multiple)	Conditional	Can be null.
WSBookingRequestStatus	String	Conditional	Message from check call if present.
.Shipments .CheckCalls	Julia	Conditional	Wessage from check can't present.
.CallNotes			
WSBookingRequestStatus	String	Always	Date and time of check call. Time may
.Shipments .CheckCalls	J8	7	not be present.
.CallDate			, , , , , , , , , , , , , , , , , , ,
WSBookingRequestStatus	String	Conditional	Check call status code if present. SEE
.Shipments .CheckCalls			Appendix section 3.1 for list of
.StatusCode			available codes and codes description.
WSBookingRequestStatus	String	Always	Date and time of check call. Time may
.Shipments .CheckCalls		<i>'</i>	not be present.
.CallDate			
WSBookingRequestStatus	Complex	Conditional	If billing details are present for
.Shipments . BillingDetails	(multiple)		shipment. Can be null.
WSBookingRequestStatus	String	Always	Date and time of check call. Time may
.Shipments .BillingDetails			not be present.
.ReferenceNumber			



WSBookingRequestStatus	String	Always	Date and time of check call. Time may
.Shipments .BillingDetails .ReferenceType			not be present.
WSBookingRequestStatus	String	Always	Date and time of check call. Time may
.Shipments .BillingDetails		,	not be present.
.BillingCode			
WSBookingRequestStatus	String	Always	Date and time of check call. Time may
.Shipments .BillingDetails			not be present.
.Description			
WSBookingRequestStatus	String	Always	Date and time of check call. Time may
.Shipments .BillingDetails			not be present.
.Category			
WSBookingRequestStatus	String	Always	Date and time of check call. Time may
.Shipments .BillingDetails			not be present.
.AmountDue			
WSBookingRequestStatus	Complex	Conditional	If documents are present for the
.Shipments .Documents	(multiple)		shipment. Can be null.
WSBookingRequestStatus	String	Always	Date and time of check call. Time may
.Shipments .Documents			not be present.
.Category			
WSBookingRequestStatus	String	Always	Date and time of check call. Time may
.Shipments .BillingDetails			not be present.
.AmountDue			
WSBookingRequestStatus.	Boolean	Always	True if Messages contains at least one
ContainsErrorMessage			error message. False otherwise.
WSBookingRequestStatus	Complex	Conditional	If message are present. Can be null.
.Messages	(multiple)	1	
WSBookingRequestStatus	String	Always	Message value.
.Messages.Value			
WSBookingRequestStatus	Enum	Always	MessageType is: 0 for Error, 1 for
.Messages.Type			Information, 2 for Warning, and Null.

2.15 RequestBookingRequestCancellation

2.15.1 URL

Method: POST

URL: /RequestBookingRequestCancellation.aspx

2.15.2 Description

Allows the client to request the cancellation of a submitted booking request.



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2.15.3 Input

```
{
     "bookingNumber"
}
```

RequestBookingRequestCancellation Request

Field	Туре	Required/ Optional	Description
bookingNumber	String	Required	Booking number of request to be cancelled.

2.15.4 Output

RequestBookingRequestCancellation Response

Field	Туре	Returned	Description
WSReturn. ContainsErrorMessage	Boolean	Always	True if Messages contains at least one error message. False otherwise.
WSReturn.Messages	Complex (multiple)	Always	
WSReturn.Messages.Value	String	Always	Message value.
WSReturn.Messages.Type	Enum	Always	MessageType is: 0 for Error, 1 for Information, 2 for Warning, and 3 for Null.

2.16 Rate

2.16.1 URL

Method: POST

URL: /RateShipment.aspx



2.16.2 Description

Rates a shipment configuration returning the rated configuration along with available rates.

```
2.16.3 Input
```

```
{
      "BookingReferenceNumber": null,
      "BookingReferenceNumberType": 2,
      "Origin": {
            "Description": null,
            "Street": null,
            "StreetExtra": null,
            "PostalCode": "16508",
            "City": null,
            "State": null,
            "Country": {
                  "Code": "US",
                  "Name": "United States",
                  "UsesPostalCode": true
            "SpecialInstructions": null,
            "GeneralInfo": null,
            "Direction": null,
            "Email": null,
            "Contact": null,
            "Phone": null,
            "Fax": null,
            "Mobile": null,
            "ContactComment": null
      "Destination": {
            "Description": null,
            "Street": null,
            "StreetExtra": null,
            "PostalCode": "12345",
            "City": null,
            "State": null,
            "Country": {
                  "Code": "US",
                  "Name": "United States",
                  "UsesPostalCode": true
            "SpecialInstructions": null,
            "GeneralInfo": null,
            "Direction": null,
            "Email": null,
            "Contact": null,
            "Phone": null,
            "Fax": null,
            "Mobile": null,
            "ContactComment": null
```

```
},
"ReferenceNumber": null,
"PurchaseOrder": null,
"ShipperBOL": null,
"OverrideApiRatingDates": false,
"DisableApiBookingNotifications": false,
"CustomReferences": null,
"ShipmentDate": "2018-02-23T11:52:32.3905344-05:00",
"EarliestPickup": {
      "Time": "08:00"
"LatestPickup": {
      "Time": "17:00"
"EarliestDelivery": null,
"LatestDelivery": null,
"Items": [{
            "Weight": 1000.0,
            "PackagingQuantity": 1,
            "SaidToContain": 1,
            "Height": 40.0,
            "Width": 48.0,
            "Length": 48.0,
            "Stackable": false,
            "HazardousMaterial": false,
            "DeclaredValue": 100.0,
            "Description": "Test Type",
            "Comment": "",
            "NationalMotorFreightClassification": "",
            "HarmonizedTariffSchedule": "",
            "Packaging": {
                  "Key": 258,
                  "PackageName": "Pallets",
                  "DefaultLength": 0.0,
                  "DefaultHeight": 0.0,
                  "DefaultWidth": 0.0
            "FreightClass": {
                  "FreightClass": 77.5
            }
],
"Accessorials": null,
"DeclineAdditionalInsuranceIfApplicable": true,
"HazardousMaterialShipment": false,
"HazardousMaterialContactName": null,
"HazardousMaterialContactPhone": null,
"HazardousMaterialContactMobile": null,
"HazardousMaterialContactEmail": null,
"AvailableRates": null,
"SelectedRate": null,
"BookedRate": null,
"ReturnConfirmations": null,
"Messages": null,
```

```
"ContainsErrorMessage": false
```

Rate Request

}

Field	Туре	Required/ Optional	Description
WSShipment2	Complex	Required	
WSShipment2	String		Ignored on request.
.BookingReferenceNumber			
WSShipment2	String		Ignored on request.
.BookingReferenceNumberT			
уре			
WSShipment2 .Origin	Complex	Required	Origin location information
WSShipment2 .Origin	String	Required	Name or description of location.
.Description			Maximum length 50 characters.
WSShipment2 .Origin	String	Optional	Street name. Maximum length 50
.Street			characters.
WSShipment2 .Origin	String	Optional	Street name extra. Maximum length 50
.StreetExtra			characters.
WSShipment2 .Origin	String	Required	Postal code. Maximum length 10
.PostalCode			characters.
WSShipment2 .Origin .City	String	Optional	City. Maximum length 50 characters
WSShipment2 .Origin .State	String	Optional	State. Maximum length 50 characters
WSShipment2 .Origin	Complex	Required	Use one of the countries retrieved from
.Country			service. See section 2.4 or 2.6.
WSShipment2 .Origin	String	Required	Country code.
.Country.Code			
WSShipment2 .Origin	String	Optional	Country name.
.Country.Name			
WSShipment2.Origin	Boolean	required	Indicates that country uses postal code.
.Country.UsesPostalCode			
WSShipment2.Origin	String	Optional	Maximum length 500 characters.
.SpecialInstructions			
WSShipment2.Origin	String	Optional	For location. Maximum length 2000
.GeneralInfo			characters.
WSShipment2.Origin	String	Optional	To location. Maximum length 2000
.Direction			characters.
WSShipment2.Origin .Email	String	Optional	Maximum length 100 characters.



WSShipment2.Origin	String	Required	Contact person. Maximum length 50
.Contact		·	characters.
WSShipment2.Origin	String	Required	Maximum length 50 characters.
.Phone			
WSShipment2.Origin .Fax	String	Optional	Maximum length 50 characters.
WSShipment2.Origin	String	Optional	Maximum length 50 characters.
.Mobile			
WSShipment2.Destination	Complex	Required	Destination location information
WSShipment2. Destination	String	Required	Name or description of location.
.Description			Maximum length 50 characters.
WSShipment2. Destination	String	Optional	Street name. Maximum length 50
Street			characters.
WSShipment2. Destination	String	Optional	Street name extra. Maximum length 50
.StreetExtra	Chita	D	characters.
WSShipment2. Destination	String	Required	Postal code. Maximum length 10
.PostalCode	Chaire	0.11	characters.
WSShipment2. Destination	String	Optional	City. Maximum length 50 characters
.City	Chaire	0.11	Challe Marian and another 50 about the
WSShipment2. Destination	String	Optional	State. Maximum length 50 characters
.State	Camarian	Daninad	Has are of sometimes wetwitered from
WSShipment2. Destination	Complex	Required	Use one of countries retrieved from
.Country WSShipment2. Destination	Ctring	Doguirod	service. See section 2.4 or 2.6.
.Country.Code	String	Required	Country code.
WSShipment2. Destination	String	Optional	Country name.
.Country.Name	String	Ориона	Country flame.
WSShipment2. Destination	Boolean	Optional	Indicates that country uses postal code.
.Country.UsesPostalCode	Doolean	Ориона	maicates that country uses postar code.
WSShipment2. Destination	String	Optional	Maximum length 500 characters.
.SpecialInstructions	38		inaxiinaii iengan 300 onaracteisi
WSShipment2.Destination	String	Optional	For location. Maximum length 2000
.GeneralInfo		'	characters.
WSShipment2.Destination	String	Optional	To location. Maximum length 2000
.Direction		<u> </u>	characters.
WSShipment2. Destination	String	Optional	Maximum length 100 characters.
.Email			
WSShipment2. Destination	String	Required	Contact person. Maximum length 50
.Contact			characters.
WSShipment2. Destination	String	Required	Maximum length 50 characters.
.Phone			
WSShipment2. Destination	String	Optional	Maximum length 50 characters.
.Fax			



	1	1	1
WSShipment2. Destination .Mobile	String	Optional	Maximum length 50 characters.
WSShipment2.Destination	String	Optional	Maximum length 200 characters.
.ContactComment			
WSShipment2.ReferenceNu	String	Optional	Shipper reference number. Maximum
mber	, o	'	length 50 characters.
WSShipment2.PurchaseOrd	String	Optional	Purchase Order Number. Maximum
er .	, o	'	length 50 characters.
WSShipment2 .ShipperBOL	String		Ignored on request.
WSShipment2	Complex	Optional	Custom customer reference. Zero or
.CustomerReferences	(multiple)	'	more.
WSShipment2	String	Required	Maximum length 50 characters.
.CustomerReferences	0	- 4	0
.Name			
WSShipment2	String	Optional	Required if field is marked as required
.CustomerReferences .Value			or account setup requires field.
			Maximum length 50 characters.
WSShipment2	Boolean	Required	True or False.
.CustomerReferences			
.Required			
WSShipment2	DateTime	Required	Value must be between 1/1/1753 and
.DesiredShipmentDate			12/31/9999
WSShipment2	Complex	Required	Use one of the times retrieved from
.EarliestPickup			service. See section 2.5 or 2.6.
WSShipment2.EarliestPicku	String	Required	
p .Time			
WSShipment2 .LatestPickup	Complex	Required	Use one of the times retrieved from
			service. See section 2.5 or 2.6.
WSShipment2 .LatestPickup	String	Required	
.Time			
WSShipment2	Complex	Required	Use one of the times retrieved from
.EarliestDelivery			service. See section 2.5 or 2.6.
WSShipment2	String	Required	
.EarliestDelivery .Time			
WSShipment2	Complex	Required	Use one of the times retrieved from
.LatestDelivery			service. See section 2.5 or 2.6.
WSShipment2	String	Required	
.LatestDelivery .Time			
WSShipment2 .ltems	Complex (multiple)	Required	One or more.
WSShipment2 .Items	Decimal	Required	Value between 0 and 99999999.9999 in
.Weight	20011101	I TOGGING	pounds (lb).
WSShipment2 .Items	Int	Required	Must be greater than zero.
.PackagingQuantity	1110	Required	What be greater than zero.
actualing quantity	<u> </u>	1	



WSShinmont2 Itoms	Int	Ontional	Must be greater than or equal to zero
WSShipment2 .Items .SaidToContain	IIIC	Optional	Must be greater than or equal to zero. Also known as piece count.
WSShipment2 .Items	Decimal	Optional	Value between 0 and 9999.9999 in
.Length	Decimal	Ориона	inches (in).
	Decimal	Ontional	Value between 0 and 9999.9999 in
WSShipment2 .Items .Width	Decimal	Optional	
MCChinmant2 Itama	Desimal	Ontional	inches (in).
WSShipment2 .Items	Decimal	Optional	Value between 0 and 9999.9999 in
.Height	Da alaan	Ontinual	inches (in). True or false.
WSShipment2 .ltems .Stackable	Boolean	Optional	True or faise.
.Stackable			
WSShipment2 .Items	Boolean	Optional	True or false. If Shipment is marked as
.HazardousMaterial			hazmat and no other items are marked
			as such, all items will be marked as
			hazmat.
WSShipment2 .Items	Decimal	Optional	Value between 0 and
.DeclaredValue			99999999999999999999999999999999999999
WSShipment2 .Items	String	Optional	Item description. Maximum length 100
.Description			characters.
WSShipment2 .Items	String	Optional	NMFC. Maximum length 50 characters.
.NationalMotorFreight			
Classification			
WSShipment2 .Items	String	Optional	HTS. Maximum length 50 characters.
.HarmonizedTariffSchedule			
WSShipment2 .Items	Complex	Required	Use one of the package options
.Packaging			retrieved from service. See section 2.3
			or 2.6.
WSShipment2 .Items	Long	Required	
.Packaging .Key	0.1		
WSShipment2 .Items	String	Optional	
.Packaging .PackageName	Danimal	Ontin 11	
WSShipment2 .Items	Decimal	Optional	
.Packaging .DefaultLength			
WSShipment2 .Items	Decimal	Optional	
.Packaging .DefaultWidth	2000000	5 5 5 7 7 7	
WSShipment2 .Items	Decimal	Optional	
.Packaging .DefaultHeight			
	l .	1	

WSShipment2 .Items .FreightClass	Complex	Optional	Use one of the freight class options retrieved from service. See section 2.2 or 2.6.
WSShipment2 .Items .FreightClass .FreightClass	Double	Required	
WSShipment2 .Accessorials	Complex (multiple)	Optional	Zero or more. Use one of the accessorial service options retrieved from service. See section 2.1 or 2.6.
WSShipment2 .Accessorials .ServiceCode	String	Required	
WSShipment2 .Accessorials .ServiceDescription	String	Optional	
WSShipment2 .Accessorials .BillingCode	String	Optional	
WSShipment2 .DeclineAdditionalInsurance IfApplicable	Boolean	Required	True or False. Only applies if customer setup has additional insurance enabled.
WSShipment2 .HazardousMaterialShipme nt	Boolean	Required	True or False.
WSShipment2 .HazardousMaterialContact Name	String	Optional	Maximum length 50 characters.
WSShipment2 .HazardousMaterialContact Phone	String	Optional	Maximum length 50 characters.
WSShipment2 .HazardousMaterialContact Mobile	String	Optional	Maximum length 50 characters.
WSShipment2 .HazardousMaterialContact Email	String	Optional	Maximum length 50 characters.
WSShipment2 .AvailableRates	Complex (multiple)		Ignored on request.
WSShipment2 .SelectedRate	Complex (multiple)		Ignored on request.
WSShipment2 .BookedRate	Complex (multiple)		Ignored on request.
WSShipment2 .ReturnConfirmations	Complex (multiple)		Ignored on request.



WSShipment2.	Boolean	Ignored on request.
ContainsErrorMessage		
WSShipment2 . Messages	Complex	Ignored on request.
	(multiple)	

2.16.3 Output

```
{
       "BookingReferenceNumber": null,
       "BookingReferenceNumberType": 2,
       "Origin": {
               "Description": null,
               "Street": null,
               "StreetExtra": null,
               "PostalCode": "16508",
               "City": null,
               "State": null,
               "Country": {
                       "Code": "US",
                       "Name": "United States",
                       "UsesPostalCode": true
               "SpecialInstructions": null,
               "GeneralInfo": null,
               "Direction": null,
               "Email": null,
               "Contact": null,
               "Phone": null,
               "Fax": null,
               "Mobile": null,
               "ContactComment": null
       "Destination": {
               "Description": null,
               "Street": null,
               "StreetExtra": null,
               "PostalCode": "12345",
               "City": null,
               "State": null,
               "Country": {
                       "Code": "US",
                       "Name": "United States",
                       "UsesPostalCode": true,
               "SpecialInstructions": null,
               "GeneralInfo": null,
               "Direction": null,
               "Email": null,
               "Contact": null,
               "Phone": null,
               "Fax": null,
```

```
"Mobile": null,
       "ContactComment": null
},
"ReferenceNumber": null,
"PurchaseOrder": null,
"ShipperBOL": null,
"OverrideApiRatingDates": false,
"DisableApiBookingNotifications": false,
"CustomReferences": null,
"ShipmentDate": "2018-02-23T11:52:32.3905344-05:00",
"EarliestPickup": {
       "Time": "08:00"
"LatestPickup": {
       "Time": "17:00"
"EarliestDelivery": null,
"LatestDelivery": null,
"Items": [{
               "Weight": 1000.0,
               "PackagingQuantity": 1,
               "SaidToContain": 1,
               "Height": 40.0,
               "Width": 48.0,
               "Length": 48.0,
               "Stackable": false,
               "HazardousMaterial": false,
               "DeclaredValue": 100.0,
               "Description": "Test Type",
               "Comment": "",
               "NationalMotorFreightClassification": "",
               "HarmonizedTariffSchedule": "",
               "Packaging": {
                       "Key": 258,
                       "PackageName": "Pallets",
                       "DefaultLength": 0.0,
                       "DefaultHeight": 0.0,
                       "DefaultWidth": 0.0
                "FreightClass": {
                       "FreightClass": 77.5
       }
],
"Accessorials": null,
"DeclineAdditionalInsuranceIfApplicable": true,
"HazardousMaterialShipment": false,
"HazardousMaterialContactName": null,
"HazardousMaterialContactPhone": null,
"HazardousMaterialContactMobile": null,
"HazardousMaterialContactEmail": null,
"AvailableRates": [{
               "CarrierKey": "63",
                "CarrierName": "Con Way",
```

```
"BilledWeight": 1000.0,
              "RatedWeight": 1000.0,
              "TransitTime": 1,
              "EstimatedDeliveryDate": "2018-02-26T17:00:00-05:00",
              "ServiceMode": 0,
              "FreightCharges": 178.9452000000,
              "FuelCharges": 45.30892464000000,
              "AccessorialCharges": 0.0,
              "ServiceCharges": 0.0,
              "TotalCharges": 224.25412464000000,
              "Mileage": 0.0,
              "MileageSourceKey": 0,
              "MileageSourceDescription": null,
               "BillingDetails": [{
                             "ReferenceNumber": "",
                             "ReferenceType": 2,
                             "BillingCode": "DILTL",
                             "Description": "LTL FREIGHT",
                             "Category": 0,
                             "AmountDue": 178.9452000000
                      }, {
                             "ReferenceNumber": "",
                             "ReferenceType": 2,
                             "BillingCode": "FS",
                             "Description": "FUEL",
                             "Category": 1,
                             "AmountDue": 45.30892464000000
                      }
              "GuarOptions": [],
              "SelectedGuarOption": null
       }
"SelectedRate": null,
"BookedRate": null,
"ReturnConfirmations": null,
"Messages": [{
       "Value": "",
       "Type": 0
}],
"ContainsErrorMessage": false
```

"CarrierScac": "CNWY",

Rate Response

}

Field	Туре	Returned	Description
WSShipment2	Complex	Required	



WSShipment2	String		Ignored on rate response.
.BookingReferenceNumber	<u> </u>		, ·
WSShipment2	String		Ignored on rate response.
.BookingReferenceNumberT	-		·
ype			
WSShipment2 .Origin	Complex	Always	
WSShipment2 .Origin	String	Always	As submitted.
.Description		,	
WSShipment2 .Origin .Street	String	Conditional	If submitted.
WSShipment2 .Origin .StreetExtra	String	Conditional	If submitted.
WSShipment2 .Origin .PostalCode	String	Always	As submitted.
WSShipment2 .Origin .City	String	Conditional	If submitted.
WSShipment2 .Origin .State	String	Conditional	If submitted.
WSShipment2 .Origin	Complex	Always	
.Country			
WSShipment2 .Origin	String	Always	As submitted.
.Country.Code			
WSShipment2 .Origin	String	Conditional	If submitted.
.Country.Name			
WSShipment2.Origin .Country.UsesPostalCode	Boolean	Always	As submitted.
WSShipment2.Origin .SpecialInstructions	String	Conditional	If submitted.
WSShipment2.Origin .GeneralInfo	String	Conditional	If submitted.
WSShipment2.Origin .Direction	String	Conditional	If submitted.
WSShipment2.Origin .Email	String	Conditional	If submitted.
WSShipment2.Origin	String	Always	As submitted.
.Contact			
WSShipment2.Origin	String	Always	As submitted.
.Phone			
WSShipment2.Origin .Fax	String	Conditional	If submitted.
WSShipment2.Origin .Mobile	String	Conditional	If submitted.



WSShipment2.Destination	Complex	Always	
WSShipment2. Destination	String	Always	As submitted.
.Description			
WSShipment2. Destination	String	Conditional	If submitted.
.Street			
WSShipment2. Destination	String	Conditional	If submitted.
.StreetExtra			
WSShipment2. Destination	String	Always	As submitted.
.PostalCode			
WSShipment2. Destination	String	Conditional	If submitted.
.City			
WSShipment2. Destination	String	Conditional	If submitted.
.State			
WSShipment2. Destination	Complex	Always	
.Country			
WSShipment2. Destination	String	Always	As submitted.
.Country.Code			
MICChiamanta Davidadi	Chaire	Canaditities	If a colored the ad
WSShipment2. Destination	String	Conditional	If submitted.
.Country.Name	Poolean	Conditional	As submitted
WSShipment2. Destination .Country.UsesPostalCode	Boolean	Conditional	As submitted.
WSShipment2. Destination	String	Conditional	If submitted.
.SpecialInstructions	Julis	Conditional	ii subiliitteu.
WSShipment2. Destination	String	Conditional	If submitted.
.Generalinfo	Julia	Conditional	ii sublilitteu.
WSShipment2. Destination	String	Conditional	If submitted.
.Direction	July 2011		Sadimetea.
WSShipment2. Destination	String	Conditional	If submitted.
.Email			
WSShipment2. Destination	String	Always	As submitted.
.Contact			
WSShipment2. Destination	String	Always	As submitted.
.Phone			
WSShipment2. Destination	String	Conditional	If submitted.
.Fax			
WSShipment2. Destination	String	Conditional	If submitted.
.Mobile			
WSShipment2.Destination	String	Conditional	If submitted.
.ContactComment			



WSShipment2.ReferenceNu	String	Conditional	If submitted.
mber			
WSShipment2.PurchaseOrd	String	Conditional	If submitted.
er			
WSShipment2 .ShipperBOL	String		Ignored on rate response.
WSShipment2	Complex	Conditional	Anything submitted plus additional that
.CustomerReferences	(multiple)		from account setup if applicable.
WSShipment2	String	Always	
.CustomerReferences			
.Name			
WSShipment2	String	Conditional	If submitted.
.CustomerReferences .Value			
WSShipment2	Boolean	Always	
.CustomerReferences			
.Required			
WSShipment2	DateTime	Always	As submitted.
.DesiredShipmentDate			
WSShipment2	Complex	Always	As submitted.
.EarliestPickup			
WSShipment2	String	Always	
.EarliestPickup .Time			
WSShipment2 .LatestPickup	Complex	Always	As submitted
WSShipment2 .LatestPickup	String	Always	
.Time			
WSShipment2	Complex	Always	As submitted.
.EarliestDelivery			
WSShipment2	String	Always	
.EarliestDelivery .Time	Camanlay	Almana	A coult meith od
WSShipment2 .LatestDelivery	Complex	Always	As submitted.
WSShipment2	Ctring	Alwaye	
.LatestDelivery .Time	String	Always	
Latest Delivery . Time			
WSShipment2 .Items	Complex	Always	
www.mpincinez.items	(multiple)	Always	
WSShipment2 .Items	Decimal	Always	As submitted.
.Weight	2 contrar	,	7.5 Sasimeted.
WSShipment2 .Items	Int	Always	As submitted.
.PackagingQuantity			
WSShipment2 .Items	Int	Conditional	As submitted.
.SaidToContain			
WSShipment2 .Items	Decimal	Conditional	As submitted.
.Length			



WSShipment2 .ltems .Width	Decimal	Conditional	As submitted.
WSShipment2 .Items .Height	Decimal	Conditional	As submitted.
WSShipment2 .Items .Stackable	Boolean	Conditional	As submitted.
WSShipment2 .Items .HazardousMaterial	Boolean	Conditional	As submitted.
WSShipment2 .Items .DeclaredValue	Decimal	Conditional	As submitted.
WSShipment2 .Items .Description	String	Conditional	If submitted.
WSShipment2 .Items .NationalMotorFreight Classification	String	Conditional	If submitted.
WSShipment2 .Items .HarmonizedTariffSchedule	String	Conditional	If submitted.
WSShipment2 .Items .Packaging	Complex	Always	
WSShipment2 .Items .Packaging .Key	Long	Always	
WSShipment2 .Items .Packaging .PackageName	String	Conditional	
WSShipment2 .Items .Packaging .DefaultLength	Decimal	Conditional	
WSShipment2 .Items .Packaging .DefaultWidth	Decimal	Conditional	
WSShipment2 .Items .Packaging .DefaultHeight	Decimal	Conditional	
WSShipment2 .Items .FreightClass	Complex	Conditional	If submitted.
WSShipment2 .Items .FreightClass .FreightClass	Double	Always	
WSShipment2 .Accessorials	Complex (multiple)	Conditional	If submitted.
WSShipment2 .Accessorials .ServiceCode	String	Always	
WSShipment2 .Accessorials .ServiceDescription	String	Conditional	
WSShipment2 .Accessorials .BillingCode	String	Conditional	
		1	



WSShipment2	Boolean	Always	As submitted.
.DeclineAdditionalInsurance			
IfApplicable			
WSShipment2	Boolean	Always	As submitted.
.HazardousMaterialShipme			
nt			
WSShipment2	String	Always	As submitted.
.HazardousMaterialContact			
Name			
WSShipment2	String	Always	As submitted.
.HazardousMaterialContact			
Phone			
WSShipment2	String	Conditional	If submitted.
.HazardousMaterialContact			
Mobile			
WSShipment2	String	Conditional	If submitted.
.HazardousMaterialContact			
Email			
WSShipment2	Complex	Conditional	Zero or more rates available for
.AvailableRates	(multiple)		shipment configuration. Can be null in
			case of errors.
WSShipment2	String	Always	For service mode Truckload =
.AvailableRates .CarrierKey			"[Contract]"
WSShipment2	String	Always	For service mode Truckload =
.AvailableRates			"[Contract]"
.CarrierName			
WSShipment2	String	Conditional	If present for carrier.
.AvailableRates .CarrierScac			
WSShipment2	Decimal	Conditional	Present for service mode
.AvailableRates			LessThanTruckload, SmallPackage
.BilledWeight			
WSShipment2	Decimal	Conditional	Present for service mode
.AvailableRates	Decimal	Conditional	LessThanTruckload
.RatedWeight			Lessiliaiiii uckioau
.nateuvveigiit			
WSShipment2	Decimal	Conditional	Present for service mode
.AvailableRates			LessThanTruckload
.RatedCubicFeet			
WSShipment2	Int	Conditional	Present for service mode
.AvailableRates			LessThanTruckload, SmallPackage
.TransitTime			



WSShipment2	DateTime	Conditional	Present for service mode
.AvailableRates	Daterine	Conditional	LessThanTruckload, SmallPackage.
.EstimatedDeliveryDate			Less mannackidad, Smain ackage.
Listimateubenverybate			
WSShipment2	Enum	Always	ServiceMode: 0 for LessThanTruckload,
.AvailableRates		,	1 for Truckload, 2 for Air, 3 for Rail, 4
.ServiceMode			for SmallPackage or 5 for NotApplicable
WSShipment2	Decimal	Always	
.AvailableRates			
.FreightCharges			
WSShipment2	Decimal	Always	
.AvailableRates			
.FuelCharges			
WSShipment2	Decimal	Always	
.AvailableRates			
.AccessorialCharges			
WSShipment2	Decimal	Always	
.AvailableRates			
.ServiceCharges			
WSShipment2	Decimal	Always	Sum total of Freight, Fuel, Accessorial
.AvailableRates			and Service charges.
.TotalCharges			
WSShipment2	Decimal	Conditional	If available
.AvailableRates .Mileage			
WSShipment2	Long	Conditional	If available
.AvailableRates			
.MileageSourceKey			
WSShipment2	String	Conditional	If available
.AvailableRates			
.MileageSourceDescription			
WSShipment2	Complex	Always	One or more charge billing detail
.AvailableRates	(multiple)		breakdown
.BillingDetails	Chuina		Leading water was a second
WSShipment2 .AvailableRates	String		Ignored on rate response.
.BillingDetails .ReferenceNumber			
WSShipment2	Enum		DetailReferenceType: 0 for Shipment, 1
.AvailableRates	Liiuiii		for ServiceTicket, or 2 for
.BillingDetails			Miscellaneous.
.ReferenceNumberType			Ignored on rate response.
cicrenceralinaerrype			ignored on rate response.
	1		



WSShipment2	String	Always	
.AvailableRates	Julig	Aiways	
.BillingDetails .BillingCode			
WSShipment2	Enum	Always	ChargeCodeCategory: 0 for Freight, 1
.AvailableRates	Liidiii	Aiways	for Fuel, 2 for Accessorial, or 3 for
.BillingDetails .Category			Service.
WSShipment2	String	Almania	
.AvailableRates	String	Always	Billing Code description.
.BillingDetails .Description			
WSShipment2	Decimal	Always	Billing amount
.AvailableRates		,	
.BillingDetails .AmountDue			
WSShipment2	Complex	Conditional	One or more charge billing detail
.AvailableRates	(multiple)		breakdown. Present If available.
.GuarOptions			
WSShipment2	String	Always	
.AvailableRates		,	
.GuarOptions			
.ReferenceNumber			
WSShipment2	Enum		DetailReferenceType: 0 for Shipment, 1
.AvailableRates			for ServiceTicket, or 2 for
.GuarOptions			Miscellaneous.
.ReferenceNumberType			Ignored on rate response.
WSShipment2	String	Always	·
.AvailableRates		,	
.GuarOptions .BillingCode			
WSShipment2	Enum	Always	ChargeCodeCategory: 0 for Freight, 1
.AvailableRates		,	for Fuel, 2 for Accessorial, or 3 for
.GuarOptions .Category			Service.
WSShipment2	String	Always	Billing Code description.
.AvailableRates		<u> </u>	,
.GuarOptions .Description			
WSShipment2	Decimal	Always	Billing amount
.AvailableRates		""	
.GuarOptions .AmountDue			
WSShipment2	Complex		Ignored on rate response.
.AvailableRates	·		, i
.SelectedGuarOption			
WSShipment2	Complex		Ignored on rate response.
.SelectedRate	(multiple)		· '
	' '		
WSShipment2 .BookedRate	Complex		Ignored on rate response.
	(multiple)		
	(



WSShipment2 .ReturnConfirmations	Complex (multiple)		Ignored on rate response.
WSShipment2. ContainsErrorMessage	Boolean	Always	True if Messages contains at least one error message. False otherwise.
WSShipment2 .Messages	Complex (multiple)	Conditional	Zero or more errors if present. Can be null.
WSShipment2 .Messages .Value	String	Always	Error message.
WSShipment2 .Messages .Type	Enum	Always	MessageType is: 0 for Error, 1 for Information, 2 for Warning, and 3 for Null.

2.17 Book

2.17.1 URL

Method: POST

URL: /BookShipment.aspx

2.17.2 Description

Books a rated shipment.

```
2.17.3 Input
      "BookingReferenceNumber": null,
      "BookingReferenceNumberType": 2,
      "Origin": {
            "Description": null,
            "Street": null,
            "StreetExtra": null,
            "PostalCode": "16508",
            "City": null,
            "State": null,
            "Country": {
                  "Code": "US",
                  "Name": "United States",
                  "UsesPostalCode": true
            "SpecialInstructions": null,
            "GeneralInfo": null,
            "Direction": null,
            "Email": null,
            "Contact": null,
            "Phone": null,
```



```
"Fax": null,
      "Mobile": null,
      "ContactComment": null
"Destination": {
      "Description": null,
      "Street": null,
      "StreetExtra": null,
      "PostalCode": "12345",
      "City": null,
      "State": null,
      "Country": {
            "Code": "US",
            "Name": "United States",
            "UsesPostalCode": true
      } ,
      "SpecialInstructions": null,
      "GeneralInfo": null,
      "Direction": null,
      "Email": null,
      "Contact": null,
      "Phone": null,
      "Fax": null,
      "Mobile": null,
      "ContactComment": null
"ReferenceNumber": null,
"PurchaseOrder": null,
"ShipperBOL": null,
"OverrideApiRatingDates": false,
"DisableApiBookingNotifications": false,
"CustomReferences": null,
"ShipmentDate": "2018-02-23T11:52:32.3905344-05:00",
"EarliestPickup": {
      "Time": "08:00"
},
"LatestPickup": {
      "Time": "17:00"
} ,
"EarliestDelivery": null,
"LatestDelivery": null,
"Items": [{
            "Weight": 1000.0,
            "PackagingQuantity": 1,
            "SaidToContain": 1,
            "Height": 40.0,
            "Width": 48.0,
            "Length": 48.0,
            "Stackable": false,
            "HazardousMaterial": false,
            "DeclaredValue": 100.0,
            "Description": "Test Type",
            "Comment": "",
            "NationalMotorFreightClassification": "",
```

```
"HarmonizedTariffSchedule": "",
            "Packaging": {
                 "Key": 258,
                 "PackageName": "Pallets",
                 "DefaultLength": 0.0,
                  "DefaultHeight": 0.0,
                  "DefaultWidth": 0.0
            "FreightClass": {
                 "FreightClass": 77.5
"Accessorials": null,
"DeclineAdditionalInsuranceIfApplicable": true,
"HazardousMaterialShipment": false,
"HazardousMaterialContactName": null,
"HazardousMaterialContactPhone": null,
"HazardousMaterialContactMobile": null,
"HazardousMaterialContactEmail": null,
"AvailableRates": null,
"SelectedRate": {
                 "CarrierKey": "63",
                "CarrierName": "Con Way",
                "CarrierScac": "CNWY",
                "BilledWeight": 1000.0,
                "RatedWeight": 1000.0,
                "TransitTime": 1,
                "EstimatedDeliveryDate": "2018-02-26T17:00:00-05:00",
                "ServiceMode": 0,
                "FreightCharges": 178.9452000000,
                "FuelCharges": 45.30892464000000,
                "AccessorialCharges": 0.0,
                "ServiceCharges": 0.0,
                "TotalCharges": 224.25412464000000,
                "Mileage": 0.0,
                "MileageSourceKey": 0,
                "MileageSourceDescription": null,
                "BillingDetails": [{
                               "ReferenceNumber": "",
                               "ReferenceType": 2,
                                "BillingCode": "DILTL",
                                "Description": "LTL FREIGHT",
                               "Category": 0,
                               "AmountDue": 178.9452000000
                        }, {
                               "ReferenceNumber": "",
                                "ReferenceType": 2,
                                "BillingCode": "FS",
                                "Description": "FUEL",
                               "Category": 1,
                               "AmountDue": 45.30892464000000
```

Book Request

}

Field	Туре	Required/ Optional	Description
WSShipment2	Complex	Required	
WSShipment2	String		Ignored on request.
.BookingReferenceNumber			
WSShipment2	String		Ignored on request.
.BookingReferenceNumberT			
уре			
WSShipment2 .Origin	Complex	Required	Origin location information
WSShipment2 .Origin	String	Required	Name or description of location.
.Description			Maximum length 50 characters.
WSShipment2 .Origin	String	Required	Street name. Maximum length 50
.Street			characters.
WSShipment2 .Origin	String	Optional	Street name extra. Maximum length 50
.StreetExtra			characters.
WSShipment2 .Origin .PostalCode	String	Required	Postal code. Maximum length 10 characters.
WSShipment2 .Origin .City	String	Required	City. Maximum length 50 characters
WSShipment2 .Origin .State	String	Required	State. Maximum length 50 characters
WSShipment2 .Origin	Complex	Required	Use one of the countries retrieved from
.Country			service. See section 2.4 or 2.6.
WSShipment2 .Origin	String	Required	Country code.
.Country.Code			



WSShipment2 .Origin	String	Optional	Country name.
.Country.Name	String	Optional	Country name.
WSShipment2.Origin	Boolean	Required	Indicates that country uses postal code.
.Country.UsesPostalCode	Doolean	Required	indicates that country uses postar code.
WSShipment2.Origin	String	Optional	Maximum length 500 characters.
.SpecialInstructions	String	Optional	Widelingth 500 characters.
WSShipment2.Origin	String	Optional	For location. Maximum length 2000
.GeneralInfo	String	Optional	characters.
			onar determ
WSShipment2.Origin	String	Optional	To Location. Maximum length 1000
.Direction		Брисии	characters.
WSShipment2.Origin .Email	String	Optional	Maximum length 100 characters.
WSShipment2.Origin	String	Required	Contact person. Maximum length 50
.Contact			characters.
WSShipment2.Origin	String	Required	Maximum length 50 characters.
.Phone			
WSShipment2.Origin .Fax	String	Optional	Maximum length 50 characters.
WSShipment2.Origin	String	Optional	Maximum length 50 characters.
.Mobile			
WSShipment2.Destination	Complex	Required	Destination location information
WSShipment2. Destination	String	Required	Name or description of location.
.Description			Maximum length 50 characters.
WSShipment2. Destination	String	Required	Street name. Maximum length 50
.Street			characters.
WSShipment2. Destination	String	optional	Street name extra. Maximum length 50
.StreetExtra			characters.
WSShipment2. Destination	String	Required	Postal code. Maximum length 10
.PostalCode			characters.
WSShipment2. Destination	String	Required	City. Maximum length 50 characters
.City			
WSShipment2. Destination	String	Required	State. Maximum length 50 characters
.State		_	
WSShipment2. Destination	Complex	Required	Use one of the countries retrieved from
.Country			service. See section 2.4 or 2.6.
WSShinmont? Doctination	String	Required	Country codo
WSShipment2. Destination .Country.Code	String	required	Country code.
WSShipment2. Destination	String	Optional	Country name.
.Country.Name	Julie	Optional	Country manne.
WSShipment2. Destination	Boolean	Optional	Indicates that country uses postal code.
.Country.UsesPostalCode	Doolcan	Optional	maleutes that country uses postar coue.
WSShipment2. Destination	String	Optional	Maximum length 500 characters.
.SpecialInstructions	561116	Optional	Maximum length 500 characters.
-Specialitisti actions	<u> </u>		



WSShipment2. Destination	String	Optional	For location. Maximum length 2000
.GeneralInfo			characters.
WSShipment2. Destination .Direction	String	Optional	To location. Maximum length 2000 characters.
WSShipment2. Destination .Email	String	Optional	Maximum length 100 characters.
WSShipment2. Destination .Contact	String	Required	Contact person. Maximum length 50 characters.
WSShipment2. Destination .Phone	String	Required	Maximum length 50 characters.
WSShipment2. Destination .Fax	String	Optional	Maximum length 50 characters.
WSShipment2. Destination .Mobile	String	Optional	Maximum length 50 characters.
WSShipment2.Destination .ContactComment	String	Optional	Maximum length 200 characters.
WSShipment2.ReferenceNu mber	String	Optional	Shipper reference number. Maximum length 50 characters.
WSShipment2.PurchaseOrd er	String	Optional	Purchase Order Number. Maximum length 50 characters.
WSShipment2 .ShipperBOL	String		Ignored on request.
WSShipment2 .CustomerReferences	Complex (multiple)	Optional	Custom customer reference. Zero or more. NOTE: if account has required references in setup, they are required here.
WSShipment2 .CustomerReferences .Name	String	Required	Maximum length 50 characters.
WSShipment2 .CustomerReferences .Value	String	Optional	Required if field is marked as required or account setup requires field. Maximum length 50 characaters.
WSShipment2 .CustomerReferences .Required	Boolean	Required	True or False.
WSShipment2 .DesiredShipmentDate	DateTime	Required	Value must be between 1/1/1753 and 12/31/9999
WSShipment2	Complex	Required	Use one of the times retrieved from
.EarliestPickup	· 	<u> </u>	service. See section 2.5 or 2.6.
WSShipment2.EarliestPicku p .Time	String	Required	
WSShipment2 .LatestPickup	Complex	Required	Use one of the times retrieved from service. See section 2.5 or 2.6.



WSShipment2 .LatestPickup	String	Required	
.Time	_	-	
WSShipment2	Complex	Required	Use one of the times retrieved from
.EarliestDelivery			service. See section 2.5 or 2.6.
WSShipment2	String	Required	
.EarliestDelivery .Time			
WSShipment2	Complex	Required	Use one of the times retrieved from
.LatestDelivery			service. See section 2.5 or 2.6.
WSShipment2	String	Required	
.LatestDelivery .Time			
	Complex (multiple)	Required	One or more.
WSShipment2 .Items	Decimal	Required	Value between 0 and 99999999.9999 in
.Weight		•	pounds (lb).
WSShipment2 .Items	Int	Required	Must be greater than zero.
.PackagingQuantity		-	
WSShipment2 .Items	Int	Optional	Must be greater than or equal to zero.
.SaidToContain			Also known as piece count.
WSShipment2 .Items	Decimal	Required	Value between 0 and 9999.9999 in
.Length			inches (in).
WSShipment2 .Items .Width	Decimal	Required	Value between 0 and 9999.9999 in inches (in).
WSShipment2 .Items	Decimal	Required	Value between 0 and 9999.9999 in
.Height	Decimal	Required	inches (in).
	Boolean	Required	True or false.
	Boolean	Doguirod	True or false of Chiamont is marked as
WSShipment2 .Items .HazardousMaterial	Boolean	Required	True or false. If Shipment is marked as hazmat and no other items are marked
.nazaruousiviateriai			as such, all items will be marked as
			hazmat.
WSShipment2 .Items	Decimal	Optional	Value between 0 and
.DeclaredValue	Decimal	Optional	99999999999999999999999999999999999999
	String	Required	Item description. Maximum length 100
.Description		- 4-	characters.
WSShipment2 .Items	String	Optional	NMFC. Maximum length 50 characters.
.NationalMotorFreight	5	Į · · · · · ·	2
Classification			
WSShipment2 .Items	String	Optional	HTS. Maximum length 50 characters.
.HarmonizedTariffSchedule	J	•	, and the second se
WSShipment2 .Items	Complex	Required	Use one of the package options
.Packaging		•	retrieved from service. See section 2.3
ı			or 2.6.



	1.	T	
WSShipment2 .Items	Long	Required	
.Packaging .Key			
WSShipment2 .Items	String	Optional	
.Packaging .PackageName			
WSShipment2 .Items	Decimal	Optional	
.Packaging .DefaultLength			
WSShipment2 .Items	Decimal	Optional	
.Packaging .DefaultWidth			
WSShipment2 .Items	Decimal	Optional	
.Packaging .DefaultHeight			
WSShipment2 .Items	Complex	Optional	Use one of the freight class options
.FreightClass			retrieved from service. See section 2.2
			or 2.6. NOTE: Freight Class Required for
			LessThanTruckload shipments.
WSShipment2 .Items	Double	Required	
.FreightClass .FreightClass			
WSShipment2 .Accessorials	Complex	Optional	Zero or more. Use one of the
	(multiple)		accessorial service options retrieved
			from service. See section 2.1 or 2.6.
WSShipment2 .Accessorials	String	Required	
.ServiceCode			
WSShipment2 .Accessorials	String	Optional	
.ServiceDescription			
WSShipment2 .Accessorials	String	Optional	
.BillingCode			
WSShipment2	Boolean	Required	True or False. Only applies if customer
.DeclineAdditionalInsurance			setup has additional insurance enabled.
IfApplicable			
WSShipment2	Boolean	Required	True or False.
.HazardousMaterialShipme		-	
nt			
WSShipment2	String	Optional	Maximum length 50 characters.
.HazardousMaterialContact		_	NOTE: Required if
Name			HazardousmaterialShipment = True.
WSShipment2	String	Optional	Maximum length 50 characters.
.HazardousMaterialContact		_	NOTE: Required if
Phone			HazardousmaterialShipment = True.
WSShipment2	String	Optional	Maximum length 50 characters.
.HazardousMaterialContact		_	
Mobile			
		•	



WSShipment2	String	Optional	Maximum length 50 characters.
.HazardousMaterialContact	String	Optional	Waximum length 50 characters.
Email			
WSShipment2	Complex		Ignored on request.
.AvailableRates	(multiple)		ignored on request.
WSShipment2	Complex	Required	Use one of the available rates returned
.SelectedRate	(multiple)	Required	from rate service call. See section 2.16.
WSShipment2	String	Required	As returned.
.SelectedRate .CarrierKey	Julia	Required	As returned.
WSShipment2	String	Optional	Ignored.
.SelectedRate .CarrierName	Julia	Optional	ignored.
WSShipment2	String	Required	As returned.
.SelectedRate .CarrierScac	String	Required	75 returned.
WSShipment2	Decimal	Required	As returned.
.SelectedRate .BilledWeight	Decimal	Required	As returned.
WSShipment2	Decimal	Conditional	As returned.
.SelectedRate .RatedWeight	Decimal	Conditional	7.5 Tetarried.
locieuteurute muteuvreigne			
WSShipment2	Decimal	Conditional	As returned.
.SelectedRate	2 00		10.00000
.RatedCubicFeet			
WSShipment2	Int	Required	As returned.
.SelectedRate .TransitTime			
WSShipment2	DateTime	Required	As returned.
.SelectedRate			
.EstimatedDeliveryDate			
WSShipment2	Enum	Required	As returned.
.SelectedRate .ServiceMode			
WSShipment2	Decimal	Required	As returned.
.SelectedRate			
.FreightCharges			
WSShipment2	Decimal	Required	As returned.
.SelectedRate .FuelCharges			
WSShipment2	Decimal	Required	As returned.
.SelectedRate			
.AccessorialCharges			
WSShipment2	Decimal	Required	As returned.
.SelectedRate			
.ServiceCharges			



MCChinmont?	Danimal	Dogućina	A c washing and
WSShipment2	Decimal	Required	As returned.
.SelectedRate .TotalCharges	5	 	
WSShipment2	Decimal	Required	As returned.
.SelectedRate .Mileage			
WSShipment2	Long	Required	As returned.
.SelectedRate			
.MileageSourceKey			
WSShipment2	String	Optional	
.SelectedRate			
.MileageSourceDescription			
WSShipment2	Complex		Ignored on request.
.SelectedRate .BillingDetails	(multiple)		
WSShipment2	Complex		Ignored on request.
.SelectedRate .GuarOptions	(multiple)		
WSShipment2	Complex	Optional	Use one of the GuarOptions
.SelectedRate			BillingDetails within SelectedRate
.SelectedGuarOption			
WSShipment2	String	Required	As returned.
.SelectedRate			
.SelectedGuarOption			
.ReferenceNumber			
WSShipment2	Enum	Required	DetailReferenceType: 0 for Shipment, 1
.SelectedRate		·	for ServiceTicket, or 2 for
.SelectedGuarOption			Miscellaneous.
.ReferenceNumberType			As returned.
WSShipment2	String	Required	As returned
.SelectedRate		·	
.SelectedGuarOption			
.BillingCode			
WSShipment2	Enum	Required	ChargeCodeCategory: 0 for Freight, 1
.SelectedRate		·	for Fuel, 2 for Accessorial, or 3 for
.SelectedGuarOption			Service. As returned.
.Category			
WSShipment2	String	Required	Billing Code description. As returned
.SelectedRate			
.SelectedGuarOption			
.Description			
WSShipment2	Decimal	Required	Billing amount. As returned
.SelectedRate		·	
.SelectedGuarOption			
.AmountDue			
WSShipment2 .BookedRate	Complex		Ignored on request.
	· ·		11.5
	(multiple)		.0



WSShipment2 .ReturnConfirmations	Complex (multiple)	Ignored on request.	
WSShipment2. ContainsErrorMessage	Boolean	Ignored on request.	
WSShipment2 .Messages	Complex (multiple)	Ignored on request.	

```
2.17.4 Output
```

```
{
      "BookingReferenceNumber": "abc123",
      "BookingReferenceNumberType": 2,
      "Origin": {
            "Description": null,
            "Street": null,
            "StreetExtra": null,
            "PostalCode": "16508",
            "City": null,
            "State": null,
            "Country": {
                  "Code": "US",
                  "Name": "United States",
                  "UsesPostalCode": true
            "SpecialInstructions": null,
            "GeneralInfo": null,
            "Direction": null,
            "Email": null,
            "Contact": null,
            "Phone": null,
            "Fax": null,
            "Mobile": null,
            "ContactComment": null
      },
      "Destination": {
            "Description": null,
            "Street": null,
            "StreetExtra": null,
            "PostalCode": "12345",
            "City": null,
            "State": null,
            "Country": {
                  "Code": "US",
                  "Name": "United States",
                  "UsesPostalCode": true
            "SpecialInstructions": null,
            "GeneralInfo": null,
            "Direction": null,
            "Email": null,
            "Contact": null,
```

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```
"Phone": null,
      "Fax": null,
      "Mobile": null,
      "ContactComment": null
} ,
"ReferenceNumber": null,
"PurchaseOrder": null,
"ShipperBOL": null,
"OverrideApiRatingDates": false,
"DisableApiBookingNotifications": false,
"CustomReferences": null,
"ShipmentDate": "2018-02-23T11:52:32.3905344-05:00",
"EarliestPickup": {
      "Time": "08:00"
"LatestPickup": {
      "Time": "17:00"
"EarliestDelivery": null,
"LatestDelivery": null,
"Items": [{
            "Weight": 1000.0,
            "PackagingQuantity": 1,
            "SaidToContain": 1,
            "Height": 40.0,
            "Width": 48.0,
            "Length": 48.0,
            "Stackable": false,
            "HazardousMaterial": false,
            "DeclaredValue": 100.0,
            "Description": "Test Type",
            "Comment": "",
            "NationalMotorFreightClassification": "",
            "HarmonizedTariffSchedule": "",
            "Packaging": {
                  "Key": 258,
                  "PackageName": "Pallets",
                  "DefaultLength": 0.0,
                  "DefaultHeight": 0.0,
                  "DefaultWidth": 0.0
            "FreightClass": {
                  "FreightClass": 77.5
            }
      }
"Accessorials": null,
"DeclineAdditionalInsuranceIfApplicable": true,
"HazardousMaterialShipment": false,
"HazardousMaterialContactName": null,
"HazardousMaterialContactPhone": null,
"HazardousMaterialContactMobile": null,
"HazardousMaterialContactEmail": null,
"AvailableRates": null,
```

```
"SelectedRate": {
                "CarrierKey": "63",
                "CarrierName": "Con Way",
                "CarrierScac": "CNWY",
                "BilledWeight": 1000.0,
                "RatedWeight": 1000.0,
                "TransitTime": 1,
                "EstimatedDeliveryDate": "2018-02-26T17:00:00-05:00",
                "ServiceMode": 0,
                "FreightCharges": 178.9452000000,
                "FuelCharges": 45.30892464000000,
                "AccessorialCharges": 0.0,
                "ServiceCharges": 0.0,
                "TotalCharges": 224.25412464000000,
                "Mileage": 0.0,
                "MileageSourceKey": 0,
                "MileageSourceDescription": null,
                "BillingDetails": [{
                               "ReferenceNumber": "",
                               "ReferenceType": 2,
                               "BillingCode": "DILTL",
                               "Description": "LTL FREIGHT",
                               "Category": 0,
                               "AmountDue": 178.9452000000
                       }, {
                               "ReferenceNumber": "",
                               "ReferenceType": 2,
                               "BillingCode": "FS",
                               "Description": "FUEL",
                               "Category": 1,
                               "AmountDue": 45.30892464000000
                       }
                ],
                "GuarOptions": [],
                "SelectedGuarOption": null
},
"SelectedRate": {
   "c
                "CarrierKey": "63",
                "CarrierName": "Con Way",
                "CarrierScac": "CNWY",
                "BilledWeight": 1000.0,
                "RatedWeight": 1000.0,
                "TransitTime": 1,
                "EstimatedDeliveryDate": "2018-02-26T17:00:00-05:00",
                "ServiceMode": 0,
                "FreightCharges": 178.9452000000,
                "FuelCharges": 45.30892464000000,
                "AccessorialCharges": 0.0,
                "ServiceCharges": 0.0,
                "TotalCharges": 224.25412464000000,
                "Mileage": 0.0,
                "MileageSourceKey": 0,
```

```
"MileageSourceDescription": null,
                 "BillingDetails": [{
                                 "ReferenceNumber": "",
                                 "ReferenceType": 2,
                                 "BillingCode": "DILTL",
                                 "Description": "LTL FREIGHT",
                                 "Category": 0,
                                 "AmountDue": 178.9452000000
                         }, {
                                 "ReferenceNumber": "",
                                 "ReferenceType": 2,
                                 "BillingCode": "FS",
                                 "Description": "FUEL",
                                 "Category": 1,
                                 "AmountDue": 45.30892464000000
                         }
                 ],
                 "GuarOptions": [{
                         "ReferenceNumber": "123",
                         "ReferenceNumberType": 0,
                         "BillingCode": "",
                         "Category": 0,
                         "Description": "",
                         "AmountDue": 0.0,
                 }],
                 "SelectedGuarOption": {
                         "ReferenceNumber": "123",
                         "ReferenceNumberType": 0,
                         "BillingCode": "",
                         "Category": 0,
                         "Description": "",
                         "AmountDue": 0.0,
                 }
"ReturnConfirmations": {
      "DocType": 0,
      "DocImage": "",
      "Html": "",
      "Name": ""
"Messages": [{
         "Value": "",
         "Type": 0
} ],
"ContainsErrorMessage": false
```

}

Book Response

Field	Туре	Returned	Description
WSShipment2	Complex	Required	
WSShipment2 .BookingReferenceNumber	String	Conditional	Present unless errors in processing. See message for errors.
WSShipment2	String	Conditional	Present unless errors in processing. See
.BookingReferenceNumberT			message for errors.
уре			
WSShipment2 .Origin	Complex	Always	
WSShipment2 .Origin .Description	String	Always	As submitted.
WSShipment2 .Origin .Street	String	Always	As submitted.
WSShipment2 .Origin	String	Always	As submitted.
.StreetExtra	- 36		
WSShipment2 .Origin	String	Always	As submitted.
.PostalCode			
WSShipment2 .Origin .City	String	Always	As submitted
WSShipment2 .Origin .State	String	Always	As submitted.
WSShipment2 .Origin	Complex	Always	
.Country			
WSShipment2 .Origin	String	Always	As submitted.
.Country.Code			
WSShipment2 .Origin	String	Conditional	If submitted.
.Country.Name			
WSShipment2.Origin	Boolean	Always	As submitted.
.Country.UsesPostalCode			
WSShipment2.Origin	String	Conditional	If submitted.
.SpecialInstructions	Custos	Constitution	16 - Leading I
WSShipment2.Origin .GeneralInfo	String	Conditional	If submitted.
WSShipment2.Origin	String	Conditional	If submitted.
.Direction	String	Conditional	ii Submittea.
WSShipment2.Origin .Email	String	Conditional	If submitted.
WSShipment2.Origin	String	Always	As submitted.
.Contact	30,1116	,	7.0 Submitted.
WSShipment2.Origin	String	Always	As submitted.
.Phone	- 5		
WSShipment2.Origin .Fax	String	Conditional	If submitted.
		1	<u>I</u>

WSShipment2.Origin .Mobile	String	Conditional	If submitted.
WSShipment2.Destination	Complex	Always	
WSShipment2. Destination .Description	String	Always	As submitted.
WSShipment2. Destination .Street	String	Always	As submitted.
WSShipment2. Destination .StreetExtra	String	Always	As submitted.
WSShipment2. Destination .PostalCode	String	Always	As submitted.
WSShipment2. Destination .City	String	Always	As submitted.
WSShipment2. Destination .State	String	Always	As submitted.
WSShipment2. Destination .Country	Complex	Always	
WSShipment2. Destination .Country.Code	String	Always	As submitted.
WSShipment2. Destination .Country.Name	String	Conditional	If submitted.
WSShipment2. Destination .Country.UsesPostalCode	Boolean	Conditional	As submitted.
WSShipment2. Destination .SpecialInstructions	String	Conditional	If submitted.
WSShipment2. Destination .GeneralInfo	String	Conditional	If submitted.
WSShipment2. Destination .Direction	String	Conditional	If submitted.
WSShipment2. Destination .Email	String	Conditional	If submitted.
WSShipment2. Destination .Contact	String	Always	As submitted.
WSShipment2. Destination .Phone	String	Always	As submitted.
WSShipment2. Destination .Fax	String	Conditional	If submitted.
WSShipment2. Destination .Mobile	String	Conditional	If submitted.
WSShipment2.Destination .ContactComment	String	Conditional	If submitted.



WSShipment2.ReferenceNu mber	String	Conditional	If submitted.
WSShipment2.PurchaseOrd	String	Conditional	If submitted.
er	String	Conditional	ii subiliitteu.
WSShipment2 .ShipperBOL	String	Conditional	If applicable to account.
WSShipment2	Complex	Conditional	If submitted.
.CustomerReferences	(multiple)	Conditional	ii subiliitted.
WSShipment2	String	Always	As submitted.
.CustomerReferences	3611118	7 ii Ways	7.5 Submitteed.
.Name			
WSShipment2	String	Conditional	If submitted.
.CustomerReferences .Value	3611118	Contactional	in Submitteed.
WSShipment2	Boolean	Always	As submitted.
.CustomerReferences			
.Required			
WSShipment2	DateTime	Always	As submitted.
.DesiredShipmentDate			
WSShipment2	Complex	Always	As submitted.
.EarliestPickup	·		
WSShipment2.EarliestPicku	String	Always	
p .Time		-	
WSShipment2 .LatestPickup	Complex	Always	As submitted
WSShipment2 .LatestPickup	String	Always	
.Time			
WSShipment2	Complex	Always	As submitted.
.EarliestDelivery			
WSShipment2	String	Always	
.EarliestDelivery .Time			
WSShipment2	Complex	Always	As submitted.
.LatestDelivery			
WSShipment2	String	Always	
.LatestDelivery .Time			
WSShipment2 .Items	Complex	Always	
	(multiple)		
WSShipment2 .Items	Decimal	Always	As submitted.
.Weight			
WSShipment2 .Items	Int	Always	As submitted.
.PackagingQuantity			
WSShipment2 .Items	Int	Conditional	As submitted.
.SaidToContain			
WSShipment2 .Items	Decimal	Always	As submitted.
.Length			



WSShipment2 .Items .Width	Decimal	Always	As submitted.
WSShipment2 .Items	Decimal	Always	As submitted.
.Height			
WSShipment2 .Items	Boolean	Always	As submitted.
.Stackable		,	
WSShipment2 .Items	Boolean	Always	As submitted.
.Hazardous Material			
WSShipment2 .Items	Decimal	Always	As submitted.
.DeclaredValue			
WSShipment2 .Items	String	Always	As submitted.
.Description			
WSShipment2 .Items	String	Conditional	If submitted.
.NationalMotorFreight			
Classification			
WSShipment2 .Items	String	Conditional	If submitted.
.HarmonizedTariffSchedule			
WSShipment2 .Items	Complex	Always	
.Packaging			
WSShipment2 .Items	Long	Always	
.Packaging .Key			
WSShipment2 .Items	String	Conditional	
.Packaging .PackageName			
WSShipment2 .Items	Decimal	Conditional	
.Packaging .DefaultLength		0 1111	
WSShipment2 .Items	Decimal	Conditional	
.Packaging .DefaultWidth	B I	Constitution of	
WSShipment2 .Items	Decimal	Conditional	
.Packaging .DefaultHeight			
WSShipment2 .Items	Complex	Conditional	If submitted.
.FreightClass	Complex	Conditional	ii Subiliitteu.
WSShipment2 .Items	Double	Always	
.FreightClass .FreightClass	Double	, livays	
WSShipment2 .Accessorials	Complex	Conditional	If submitted.
in the second se	(multiple)	30.13.6101141	
	(
WSShipment2 .Accessorials	String	Always	
.ServiceCode		,	
WSShipment2 .Accessorials	String	Conditional	As submitted
.ServiceDescription			
WSShipment2 .Accessorials	String	Conditional	As submitted
.BillingCode			



WSShipment2 .DeclineAdditionalInsurance IfApplicable	Boolean	Always	As submitted.
WSShipment2 .HazardousMaterialShipme nt	Boolean	Always	As submitted.
WSShipment2 .HazardousMaterialContact Name	String	Always	As submitted.
WSShipment2 .HazardousMaterialContact Phone	String	Always	As submitted.
WSShipment2 .HazardousMaterialContact Mobile	String	Conditional	If submitted.
WSShipment2 .HazardousMaterialContact Email	String	Conditional	If submitted.
WSShipment2 .AvailableRates	Complex (multiple)	Conditional	Zero or more rates available for shipment configuration. Can be null in case of errors.
WSShipment2 .AvailableRates .CarrierKey	String	Always	For service mode Truckload = "[Contract]"
WSShipment2 .AvailableRates .CarrierName	String	Always	For service mode Truckload = "[Contract]"
WSShipment2 .AvailableRates .CarrierScac	String	Conditional	If present for carrier.
WSShipment2 .AvailableRates .BilledWeight	Decimal	Conditional	Present for service mode LessThanTruckload, SmallPackage
WSShipment2 .AvailableRates .RatedWeight	Decimal	Conditional	Present for service mode LessThanTruckload
WSShipment2 .AvailableRates .RatedCubicFeet	Decimal	Conditional	Present for service mode LessThanTruckload
WSShipment2 .AvailableRates .TransitTime	Int	Conditional	Present for service mode LessThanTruckload, SmallPackage
WSShipment2 .AvailableRates .EstimatedDeliveryDate	DateTime	Conditional	Present for service mode LessThanTruckload, SmallPackage.



WSShipment2	Enum	Always	ServiceMode: 0 for LessThanTruckload,
.AvailableRates	Liidiii	, avays	1 for Truckload, 2 for Air, 3 for Rail, 4
.ServiceMode			for SmallPackage or 5 for NotApplicable
WSShipment2	Decimal	Always	
.AvailableRates		7	
.FreightCharges			
WSShipment2	Decimal	Always	
.AvailableRates			
.FuelCharges			
WSShipment2	Decimal	Always	
.AvailableRates		•	
.AccessorialCharges			
WSShipment2	Decimal	Always	
.AvailableRates		•	
.ServiceCharges			
WSShipment2	Decimal	Always	Sum total of Freight, Fuel, Accessorial
.AvailableRates		-	and Service charges.
.TotalCharges			
WSShipment2	Decimal	Conditional	If available
.AvailableRates .Mileage			
WSShipment2	Long	Conditional	If available
.AvailableRates			
.MileageSourceKey			
WSShipment2	String	Conditional	If available
.AvailableRates			
.MileageSourceDescription			
WSShipment2	Complex	Always	One or more charge billing detail
.AvailableRates	(multiple)		breakdown
.BillingDetails			
WSShipment2	String		Ignored on rate response.
.AvailableRates			
.BillingDetails			
.ReferenceNumber			
WSShipment2	Enum		DetailReferenceType: 0 for Shipment, 1
.AvailableRates			for ServiceTicket, or 2 for
.BillingDetails			Miscellaneous.
.ReferenceNumberType	CL CL	A1 .	Ignored on rate response.
WSShipment2	String	Always	
.AvailableRates			
.BillingDetails .BillingCode	_		
WSShipment2	Enum	Always	ChargeCodeCategory: 0 for Freight, 1
.AvailableRates			for Fuel, 2 for Accessorial, or 3 for
.BillingDetails .Category			Service.



WSShipment2 .AvailableRates	String	Always	Billing Code description.
.BillingDetails .Description			
WSShipment2	Decimal	Always	Billing amount
.AvailableRates			
.BillingDetails .AmountDue			
WSShipment2	Complex	Conditional	One or more charge billing detail
.AvailableRates	(multiple)		breakdown. Present if available
.GuarOptions			
WSShipment2	String		Ignored on response.
.AvailableRates			
.GuarOptions			
.ReferenceNumber			
WSShipment2	Enum		DetailReferenceType: 0 for Shipment, 1
.AvailableRates			for ServiceTicket, or 2 for
.GuarOptions			Miscellaneous.
.ReferenceNumberType			Ignored on response.
WSShipment2	String	Always	
.AvailableRates			
.GuarOptions .BillingCode	_		
WSShipment2	Enum	Always	ChargeCodeCategory: 0 for Freight, 1
.AvailableRates			for Fuel, 2 for Accessorial, or 3 for
.GuarOptions .Category	Cutter	A1	Service.
WSShipment2	String	Always	Billing Code description.
.AvailableRates .GuarOptions .Description			
WSShipment2	Decimal	Always	Billing amount
.AvailableRates	Decimal	Aiways	
.GuarOptions .AmountDue			
WSShipment2	Complex	Conditional	As submitted
.AvailableRates			
.SelectedGuarOption			
WSShipment2	Complex	Always	As submitted
.SelectedRate	(multiple)		
WSShipment2 .BookedRate	Complex	Conditional	Present if no error in processing. See
	(multiple)		messages for errors
WSShipment2 . BookedRate	String	Always	For service mode Truckload =
.CarrierKey			"[Contract]"
WSShipment2 . BookedRate	String	Always	For service mode Truckload =
.CarrierName			"[Contract]"



WSShipment2 . BookedRate	String	Conditional	If present for carrier.
.CarrierScac			
WSShipment2 . BookedRate	Decimal	Conditional	Present for service mode
.BilledWeight			LessThanTruckload, SmallPackage
WSShipment2 .BookedRate	Decimal	Conditional	Present for service mode
.RatedWeight			LessThanTruckload
WSShipment2.	Decimal	Conditional	Present for service mode
BookedRate.			LessThanTruckload
RatedCubicFeet			
WSShipment2 . BookedRate	Int	Conditional	Present for service mode
.TransitTime			LessThanTruckload, SmallPackage
WSShipment2	DateTime	Conditional	Present for service mode
.BookedRate			LessThanTruckload, SmallPackage.
.EstimatedDeliveryDate			
WSShipment2 . BookedRate	Enum	Always	ServiceMode: 0 for LessThanTruckload,
.ServiceMode			1 for Truckload, 2 for Air, 3 for Rail, 4
			for SmallPackage or 5 for NotApplicable
WSShipment2 . BookedRate	Decimal	Always	
.FreightCharges			
WSShipment2 . BookedRate	Decimal	Always	
.FuelCharges			
WSShipment2 . BookedRate	Decimal	Always	
.AccessorialCharges			
WSShipment2 . BookedRate	Decimal	Always	
.ServiceCharges			
WSShipment2 . BookedRate	Decimal	Always	Sum total of Freight, Fuel, Accessorial
.TotalCharges			and Service charges.
WSShipment2 . BookedRate	Decimal	Conditional	If available
.Mileage			
WSShipment2 . BookedRate	Long	Conditional	If available
.MileageSourceKey			
WSShipment2 . BookedRate	String	Conditional	If available
.MileageSourceDescription			
WSShipment2 . BookedRate	Complex	Always	One or more charge billing detail
.BillingDetails	(multiple)		breakdown
WSShipment2 . BookedRate	String		Ignored on rate response.
.BillingDetails			
.ReferenceNumber			

WSShipment2 . BookedRate	Enum		DetailReferenceType: 0 for Shipment, 1
.BillingDetails	Liidiii		for ServiceTicket, or 2 for
.ReferenceNumberType			Miscellaneous.
MCChinanata BashadBata	Ct	A I	Ignored on rate response.
WSShipment2 . BookedRate	String	Always	
.BillingDetails .BillingCode	_		
WSShipment2 . BookedRate	Enum	Always	ChargeCodeCategory: 0 for Freight, 1
.BillingDetails .Category			for Fuel, 2 for Accessorial, or 3 for
			Service.
WSShipment2 . BookedRate	String	Always	Billing Code description.
.BillingDetails .Description			
WSShipment2 . BookedRate	Decimal	Always	Billing amount
.BillingDetails .AmountDue			
WSShipment2 . BookedRate	Complex	Conditional	One or more charge billing detail
.GuarOptions	(multiple)		breakdown. As submitted
WSShipment2 . BookedRate	String	Always	
.GuarOptions		_	
.ReferenceNumber			
WSShipment2 . BookedRate	Enum	Always	DetailReferenceType: 0 for Shipment, 1
.GuarOptions		•	for ServiceTicket, or 2 for
.ReferenceNumberType			Miscellaneous.
WSShipment2 . BookedRate	String	Always	
.GuarOptions .BillingCode	0	, ,	
WSShipment2 . BookedRate	Enum	Always	ChargeCodeCategory: 0 for Freight, 1
.GuarOptions .Category		, ,	for Fuel, 2 for Accessorial, or 3 for
,			Service.
WSShipment2 . BookedRate	String	Always	Billing Code description.
.GuarOptions .Description		7	
WSShipment2 . BookedRate	Decimal	Always	Billing amount
.GuarOptions .AmountDue	2 00	7	
WSShipment2 . BookedRate	Complex	Conditional	One or more charge billing detail
.SelectedGuarOption	-5p.c/	25	breakdown. Present if request had
			SelectedRate with SelectedGuarOption
WSShipment2 . BookedRate	String	Always	
.SelectedGuarOption		1	
.ReferenceNumber			
WSShipment2 . BookedRate	Enum	Always	DetailReferenceType: 0 for Shipment, 1
.SelectedGuarOption		1	for ServiceTicket, or 2 for
.ReferenceNumberType			Miscellaneous.
			Wilderfulledas.
WSShipment2 . BookedRate	String	Always	
.SelectedGuarOption	- Still 6	Always	
.BillingCode			
.biiiiigcoue			



WSShipment2 . BookedRate .SelectedGuarOption .Category WSShipment2 . BookedRate .SelectedGuarOption .Description	Enum	Always	ChargeCodeCategory: 0 for Freight, 1 for Fuel, 2 for Accessorial, or 3 for Service. Billing Code description.
WSShipment2 . BookedRate .SelectedGuarOption .AmountDue	Decimal	Always	Billing amount
WSShipment2 .ReturnConfirmations	Complex (multiple)	Conditional	If no errors, will contain bill of lading (and small package shipping label for SmallPackage service mode).
WSShipment2 .ReturnConfirmations .DocType	Enum	Always	DocumentType: 0 for Pdf, 1 for Html, 2 for Png or 3 for Gif.
WSShipment2 .ReturnConfirmations .DocImage	Byte[]	Always	Document content in binary.
WSShipment2 .ReturnConfirmations .Html	String	Conditional	Currently Ignored. May be available as bill of lading in html format.
WSShipment2 .ReturnConfirmations .Name	String	Always	Document name.
WSShipment2. ContainsErrorMessage	Boolean	Always	True if Messages contains at least one error message. False otherwise.
WSShipment2 .Messages	Complex (multiple)	Conditional	Zero or more errors if present. Can be null.
WSShipment2 .Messages .Value	String	Always	Error message.
WSShipment2 .Messages .Type	Enum	Always	MessageType is: 0 for Error, 1 for Information, 2 for Warning, and 3 for Null.

2.18 GetShipmentStatus

2.18.1 URL

Method: POST

URL: /GetShipmentStatus.aspx



2.18.2 Description

}

Retrieves the status of a specific shipment record.

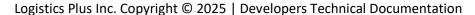
```
2.18.3 Input
{
         "shipmentNumber"
```

GetShipmentStatus Request

Field	Туре	Required/ Optional	Description
shipment Number	String	Required	shipment number of record for which
			status is desired.

2.18.4 Output

```
{
       "ShipmentNumber": "56587",
       "Status": 0,
       "DateCreated": "2014-04-02T13:44:05.93",
       "EstimatePickupDate": "2014-03-26T00:00:00",
       "EstimateDeliveryDate": "2014-03-27T00:00:00",
       "ActualPickupDate": "1753-01-01T00:00:00",
       "ActualDeliveryDate": "1753-01-01T00:00:00",
       "IsPickedUp": false,
       "IsDelivered": false,
       "Mode": 0,
       "Pro": "",
       "VendorKey": "420",
       "VendorName": "New Penn Motor Express",
       "VendorScac": "NPME",
       "CheckCalls": [{
               "CallNotes": "Check call.",
               "EventDate": "2014-03-27T00:00:00",
               "CallDate": "2014-03-27T00:00:00",
               "StatusCode": "D1"
       "BillingDetails": [{
                       "ReferenceNumber": "56587",
```



```
"ReferenceType": 0,
"BillingCode": "DILTL",
                 "Description": "LESS THAN TRUCKLOAD FREIGHT",
                 "Category": 0,
                 "AmountDue": 77.0000
        }, {
                 "ReferenceNumber": "56587",
                 "ReferenceType": 0,
"BillingCode": "FS",
                 "Description": "FUEL",
                 "Category": 1,
                 "AmountDue": 21.5600
        }
],
"Documents": [{
} ] ,
"Messages": [{
        "Value": "",
        "Type": 0
"ContainsErrorMessage": false
```

GetShipmentStatus Response

}

Field	Туре	Returned	Description
WSShipmentStatus	Complex	Always	
WSShipmentStatus	String	Conditional	If record found.
.ShipmentNumber			
WSShipmentStatus .Status	Enum	Always	If record found. ShipmentStatus: 0 for Scheduled, 1 for InTransit, 2 for Delivered, 3 for Invoiced or 4 for Void.
WSShipmentStatus .DateCreated	DateTime	Always	Default current date.
WSShipmentStatus .EstimatePickupDate	DateTime	Always	Default current date.
WSShipmentStatus .EstimateDeliveryDate	DateTime	Always	Default current date.
WSShipmentStatus	DateTime	Always	Value of 1/1/1753 00:00:00 is
.ActualPickupDate			default value indicating no date.
WSShipmentStatus	DateTime	Always	Value of 1/1/1753 00:00:00 is
.ActualDeliveryDate			default value indicating no date.
WSShipmentStatus .lsPickedUp	Boolean	Always	True if ActualPickupDate is not equal to 1/1/1753 00:00:00
WSShipmentStatus .IsDelivered	Boolean	Always	True if ActualDeliveryDate is not equal to 1/1/1753 00:00:00



MCChiamantChalla Balla	F	Alman	ComicalMadayOfe
WSShipmentStatus .Mode	Enum	Always	ServiceMode: 0 for
			LessThanTruckload, 1 for Truckload,
			2 for Air, 3 for Rail, 4 for
			SmallPackage or 5 for
			NotApplicable
WSShipmentStatus .Pro	String	Conditional	If present.
WSShipmentStatus .VendorKey	String	Conditional	If record found.
WSShipmentStatus	String	Conditional	If record found.
.VendorName			
WSShipmentStatus	String	Conditional	If record found and Scac present.
.VendorScac			
WSShipmentStatus .CheckCalls	Complex	Conditional	If check calls are present for
	(multiple)		shipment. Can be null.
WSShipmentStatus .CheckCalls	String	Conditional	Message from check call if present.
.CallNotes			
WSShipmentStatus .CheckCalls	String	Conditional	Date and time check call event
.EventDate			occurred if present. Time may not
			be present.
WSShipmentStatus .CheckCalls	String	Always	Date and time of check call. Time
.CallDate			may not be present.
WSShipmentStatus .CheckCalls	String	Conditional	Check call status code if present.
.StatusCode			SEE Appendix section 3.1 for list of
			available codes and codes
			description.
WSShipmentStatus	Complex	Conditional	If shipment has charges. Can be
.BillingDetail	(multiple)		null.
WSShipmentStatus	String	Always	Shipment number.
.BillingDetail.ReferenceNumber			
WSShipmentStatus	Enum	Always	Will always return 0 for Shipment
.BillingDetail.ReferenceType			
WSShipmentStatus	String	Always	Charge code for the shipment
.BillingDetail.BillingCode			charge,
WSShipmentStatus	String	Always	Charge Code description.
.BillingDetail.Description			
WSShipmentStatus	Enum	Always	Catrgory is: 0 for Freight, 1 for Fuel,
.BillingDetail.Category			2 for Accessorial, and 3 for Service.
WSShipmentStatus	Decimal	Always	Total amount due for this charge
.BillingDetail.AmountDue			
WSShipmentStatus	Complex	Conditional	If shipment has documents. Can be
.Doucments	(multiple)		null.
WSShipmentStatus	String	Always	The name for the document.
.Documents.DocumentName	1		



WSShipmentStatus	Bigint	Always	The key for the document.
.Documents.DocumentKey			
WSShipmentStatus. ContainsErrorMessage	Boolean	Always	True if Messages contains at least one error message. False otherwise.
WSShipmentStatus .Messages	Complex (multiple)	Conditional	If messages are present. Can be null.
WSShipmentStatus .Messages.Value	String	Always	Message value.
WSShipmentStatus .Messages.Type	Enum	Always	MessageType is: 0 for Error, 1 for Information, 2 for Warning, and 3 for Null.

2.19 GetShipmentStatusCondenseed

2.19.1 URL

Method: POST

URL: /GetShipmentStatusCondensed.aspx

2.19.2 Description

Retrieves a condensed status of a specific shipment record.

2.19.3 Input

GetShipmentStatusCondensed Request

Field	Туре	Required/ Optional	Description
shipmentNumber	String	Required	shipment number of record for which
			status is desired.

2.19.4 Output

```
{
    "ShipmentNumber": "NUM",
    "Status": 4,
    "DateCreated": "2014-04-02T13:44:05.93",
```



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```
"EstimatePickupDate": "2014-03-26T00:00:00",
       "EstimateDeliveryDate": "2014-03-27T00:00:00",
       "ActualPickupDate": "1753-01-01T00:00:00",
       "ActualDeliveryDate": "1753-01-01T00:00:00",
       "IsPickedUp": false,
       "IsDelivered": false,
       "Mode": 0,
       "Pro": "",
       "VendorKey": "420",
       "VendorName": "New Penn Motor Express",
       "VendorScac": "NPME",
       "CheckCalls": null,
       "BillingDetails": null,
       "Documents": null,
       "Messages": null,
       "ContainsErrorMessage": false
}
```

GetShipmentStatusCondensed Response

Field	Туре	Returned	Description
WSShipmentStatus	Complex	Always	
WSShipmentStatus .ShipmentNumber	String	Conditional	If record found.
WSShipmentStatus .Status	Enum	Always	If record found. ShipmentStatus: 0 for Scheduled, 1 ofr InTransit, 2 for Delivered, 3 for Invoiced or 4 for Void.
WSShipmentStatus .DateCreated	DateTime	Always	Default current date.
WSShipmentStatus .EstimatePickupDate	DateTime	Always	Default current date.
WSShipmentStatus .EstimateDeliveryDate	DateTime	Always	Default current date.
WSShipmentStatus .ActualPickupDate	DateTime	Always	Value of 1/1/1753 00:00:00 is default value indicating no date.
WSShipmentStatus .ActualDeliveryDate	DateTime	Always	Value of 1/1/1753 00:00:00 is default value indicating no date.
WSShipmentStatus .lsPickedUp	Boolean	Always	True if ActualPickupDate is not equal to 1/1/1753 00:00:00
WSShipmentStatus .IsDelivered	Boolean	Always	True if ActualDeliveryDate is not equal to 1/1/1753 00:00:00



WSShipmentStatus .Mode	Enum	Always	ServiceMode: 0 for LessThanTruckload, 1 for Truckload, 2 for Air, 3 for Rail, 4 for SmallPackage or 5 for NotApplicable
WSShipmentStatus .Pro	String	Conditional	If present.
WSShipmentStatus .VendorKey	String	Conditional	If record found.
WSShipmentStatus .VendorName	String	Conditional	If record found.
WSShipmentStatus .VendorScac	String	Conditional	If record found and Scac present.
WSShipmentStatus .CheckCalls	Complex (multiple)	Never	Will always be null.
WSShipmentStatus .BillingDetail	Complex (multiple)	Never	Will always be null.
WSShipmentStatus .Doucments	Complex (multiple)	Never	Will always be null.
WSShipmentStatus. ContainsErrorMessage	Boolean	Always	True if Messages contains at least one error message. False otherwise.
WSShipmentStatus .Messages	Complex (multiple)	Conditional	If messages are present. Can be null.
WSShipmentStatus .Messages.Value	String	Always	Message value.
WSShipmentStatus .Messages.Type	Enum	Always	MessageType is: 0 for Error, 1 for Information, 2 for Warning, and 3 for Null.

2.20 GetShipmentDocument

2.20.1 URL

Method: POST

URL: /GetShipmentDocument.aspx

2.20.2 Description

Retrieves a document from a shipment or quote.



2.20.3 Input

```
{
    "ReferenceNumber": "shipmentNumber",
    "DocumentId": "documentId"
}
```

GetShipmentDocument Request

Field	Туре	Required/ Optional	Description
ReferenceNumber	String	Required	Refence Number for the shipment/quote of the document you wish to pull.
DocumentId	Long	Required	The key for the document you wish to download. This corresponds to the Document Key you receive in the GetShipmentStatus request.

2.20.4 Output

```
{
    "DocumentFileName": "NUM",
    "DocumentKey": 4,
    "EncodedDocumentBytes": "iVBORwOKGgoAAAANS",
    "Messages": null,
    "ContainsErrorMessage": false
}
```

GetShipmentDocument Response

Field	Туре	Returned	Description
WSShipmentDocument	Complex	Always	
WSShipmentDocument.DocumentFileName	String	Always	The name of the
			document.
WSShipmentDocument.DocumentKey	String	Always	The key for the
			document.
WSShipmentDocument.EncodedDocumentBytes	String	Always	A Base64-encoded byte
			array representing the
			document.
WSShipmentDocument. ContainsErrorMessage	String	Always	True if Messages
			contains at least one
			error message. False
			otherwise.



WSShipmentDocument.Messages	Complex	Conditional	If messages are
	(multiple)		present. Can be null.
WSShipmentDocument.Messages.Value	String	Always	Message value.
WSShipmentDocument.Messages.Type	Enum	Always	MessageType is: 0 for Error, 1 for Information, 2 for Warning, and 3 for Null.

2.21 RequestShipmentCancellation

2.21.1 URL

Method: POST

URL: /RequestShipmentCancellation.aspx

2.21.2 Description

Allows the client to request the cancellation of a submitted shipment record.

2.21.3 Input

```
{
          "shipmentNumber"
}
```

RequestShipmentCancellation Request

Field	Туре	Required/ Optional	Description
shipmentNumber	String	Required	Shipment number of shipment to be cancelled.



2.21.4 Output

```
{
    "Messages": [{
          "Value": "",
          "Type": 0
}],
    "ContainsErrorMessage": false
}
```

RequestShipmentCancellation Response

Field	Туре	Returned	Description
WSReturn. ContainsErrorMessage	Boolean	Always	True if Messages contains at least one error message. False otherwise.
WSReturn.Messages	Complex (multiple)	Always	
WSReturn.Messages.Value	String	Always	Message value.
WSReturn.Messages.Type	Enum	Always	MessageType is: 0 for Error, 1 for Information, 2 for Warning, and 3 for Null.

2.22 GetInvoice

2.22.1 URL

Method: POST

URL: /GetInvoice.aspx

2.22.2 Description

Retrieves an invoice record

```
2.22.3 Input
```

```
{
    "invoiceNumber"
```



GetInvoice Request

Field	Туре	Required/ Optional	Description
invoiceNumber	String	Required	Invoice number of record to retrieve.

2.22.4 Output

```
{
       "InvoiceNumber": "123",
       "Date": "2016-02-09T15:26:29.807",
       "DueDate": "2016-03-10T15:26:29.807",
       "Terms": 30,
       "Billing": {
               "Description": "Logistics Plus",
               "Street": "1406 Peach St",
               "StreetExtra": "",
               "PostalCode": "16501",
               "City": "Erie",
               "State": "PA",
               "Country": {
                       "Code": "US",
                       "Name": "USA",
                       "UsesPostalCode": true
               "SpecialInstructions": "",
               "GeneralInfo": "",
               "Direction": "",
               "Email": "test@abc.net",
               "Contact": "Test",
               "Phone": "814-999-9999",
               "Fax": "814-999-9998",
               "Mobile": "814-999-9998",
               "ContactComment": "TEST COMMENT"
       },
       "CustomerControlAccount": "10000",
       "Type": 0,
       "TotalFreightCharges": 427.1372,
       "TotalFuelCharges": 101.6587,
       "TotalAccessorialCharges": 0.0,
       "TotalServiceCharges": 100.6142,
       "TotalAmountDue": 629.4101,
       "BillingDetails": [{
                       "ReferenceNumber": "",
                       "ReferenceType": 2,
                       "BillingCode": "ADMIN",
                       "Description": "Administrative Fees",
                       "Category": 3,
                       "AmountDue": 100.6142
               }, {
                       "ReferenceNumber": "57305",
```

```
"ReferenceType": 0,
"BillingCode": "DILTL",
                          "Description": "LESS THAN TRUCKLOAD FREIGHT",
                          "Category": 0,
                          "AmountDue": 427.1372
                 }, {
                          "ReferenceNumber": "57305",
                          "ReferenceType": 0,
"BillingCode": "FS",
                          "Description": "FUEL",
                          "Category": 1,
                          "AmountDue": 101.6587,
                 }
        ],
        "Messages": [{
                          "Value": "",
                          "Type": 0
        ],
        "ContainsErrorMessage": false
}
```

GetInvoice Response

Field	Туре	Returned	Description
WSInvoice	Complex	Always	•
WSInvoice .InvoiceNumber	String	Conditional	If record found.
WSInvoice .Date	DateTime	Always	Default is current date.
WSInvoice .DueDate	DateTime	Always	Default is current date.
WSInvoice .Terms	DateTime	Always	Default is 15 days.
WSInvoice .Billing	Complex	Conditional	If record found. Can be null.
WSInvoice .Billing	String	Always	
.Description			
WSInvoice .Billing .Street	String	Always	
WSInvoice .Billing	String	Conditional	If present.
.StreetExtra			
WSInvoice .Billing	String	Always	
.PostalCode			
WSInvoice .Billing .City	String	Always	
WSInvoice .Billing .State	String	Always	
WSInvoice .Billing .Country	Complex	Always	
WSInvoice .Billing .Country	String	Always	
.Code			
WSInvoice .Billing .Country	String	Always	
.Name			
WSInvoice .Billing .Country	Boolean	Always	
.UsesPostalCode			



SpecialInstructions String Conditional If present.	WClaveice Billing	Ctring	Conditional	If procent
WSInvoice Billing Lemail WSInvoice Billing Contact WSInvoice Billing Phone String Conditional WSInvoice Billing Phone WSInvoice Billing Mobile WSInvoice String Conditional Uf present. Uf presen		String	Conditional	ii present.
WSInvoice .Billing .Contact String Conditional If present. WSInvoice .Billing .Phone String Conditional If present. WSInvoice .Billing .Fax String Conditional If present. WSInvoice .Billing .ContactComment String Conditional If present. WSInvoice .CustomerControlAccount String Conditional If present. WSInvoice .Type Enum Always InvoiceType: 0 for Invoice, 1 for Supplemental or 2 for Credit. WSInvoice .TotalFreightCharges Decimal Always WSInvoice .TotalFreightCharges Decimal Always WSInvoice .TotalAccessorialCharges Decimal Always WSInvoice .TotalAccessorialCharges Always Sum total of Freight, Fuel, Accessorial and Service charges WSInvoice .BillingDetails Complex (multiple) Always One or more charge billing detail breakdown WSInvoice .BillingDetails .ReferenceNumber String Conditional Laways If present. WSInvoice .BillingDetails .ReferenceNumberType Enum Always DetailReferenceType: 0 for Shipment, 1 for ServiceTicket, or 2 for Miscellaneous. WSIn	,	Chuin	Conditional	If we count
WSInvoice .Billing .Phone String Conditional If present. WSInvoice .Billing .Mobile String Conditional If present. WSInvoice .Billing .Mobile String Conditional If present. WSInvoice .Billing .ContactComment String Conditional If present. WSInvoice .CustomerControlAccount String Conditional If present. WSInvoice .Type Enum Always InvoiceType: 0 for Invoice, 1 for Supplemental or 2 for Credit. WSInvoice .TotalFreightCharges Decimal Always WSInvoice .TotalFreightCharges Decimal Always WSInvoice .TotalAccessorialCharges Decimal Always WSInvoice .TotalAccessorialCharges Decimal Always Sum total of Freight, Fuel, Accessorial and Service charges WSInvoice .BillingDetails Complex (multiple) Always One or more charge billing detail breakdown WSInvoice .BillingDetails String Conditional If present. WSInvoice .BillingDetails String Always DetailReferenceType: 0 for Shipment, 1 for ServiceTicket, or 2 for Miscellaneous. WSInvoice .BillingDe		-		·
WSInvoice Billing Fax WSInvoice Billing Fax WSInvoice Billing String WSInvoice String WSInvoice String WSInvoice Type Enum Always InvoiceType: 0 for Invoice, 1 for Supplemental or 2 for Credit. WSInvoice Decimal TotalFreightCharges WSInvoice Decimal TotalFreightCharges WSInvoice Decimal Always WSInvoice TotalAccessorialCharges WSInvoice WSInvoice WSInvoice TotalAccessorialCharges WSInvoice WSInvoice WSInvoice WSInvoice TotalAccessorialCharges WSInvoice WSInvoice WSInvoice WSInvoice WSInvoice TotalAccessorialCharges WSInvoice WSInvoice WSInvoice TotalAccessorialCharges WSInvoice WSInvoice WSInvoice WSInvoice BillingDetails String Conditional WSInvoice BillingDetails ReferenceNumber WSInvoice BillingDetails String Always WSInvoice BillingDetails String Always ChargeCodeCategory: 0 for Freight, 1 for Fuel, 2 for Accessorial, or 3 for Service. WSInvoice BillingDetails Category WSInvoice BillingDetails String Always Billing Code description WSInvoice BillingDetails Decimal Always Billing Code description WSInvoice BillingDetails Decimal Always Billing Malways Billing Ma				·
WSInvoice .Billing .Mobile String Conditional If present. WSInvoice .Billing .ContactComment String Conditional If present. WSInvoice .ContactComment String Conditional If present. WSInvoice .CustomerControlAccount String Conditional If present. WSInvoice .Type Enum Always .TotalFreightCharges Decimal Always WSInvoice .TotalFreightCharges Decimal Always WSInvoice .TotalFuelCharges Decimal Always WSInvoice .TotalAccessorialCharges Decimal Always WSInvoice .TotalServiceCharges Decimal Always WSInvoice .TotalAmountDue Decimal Always WSInvoice .BillingDetails .TotalAmountDue (multiple) Always One or more charge billing detail breakdown WSInvoice .BillingDetails .ReferenceNumber String Conditional If present. Record reference number. WSInvoice .BillingDetails .ReferenceNumberType .ReferenceNumberType Always DetailReferenceType: 0 for Shipment, 1 for ServiceTicket, or 2 for Miscellaneous. WSInvoice .BillingDetails .Category String Always ChargeCodeCategory: 0 for Freight, 1 for Fuel, 2 for Accessorial, or 3 for Service. WSInvoice .BillingDetails .Decimal .Decimal .Decimal .Decimal .Decimal .Decimal .Decimal				·
WSInvoice Billing String Conditional If present.				·
ContactComment String Conditional If present.				·
String Conditional If present.	_	String	Conditional	If present.
.CustomerControlAccount WSInvoice .Type Enum Always InvoiceType: 0 for Invoice, 1 for Supplemental or 2 for Credit. WSInvoice .TotalFreightCharges WSInvoice .TotalFuelCharges WSInvoice .TotalAccessorialCharges WSInvoice .TotalAccessorialCharges WSInvoice .TotalAccessorialCharges WSInvoice .TotalAccessorialCharges WSInvoice .TotalAmountDue WSInvoice .BillingDetails .TotalAmountDue WSInvoice .BillingDetails .ReferenceNumber WSInvoice .BillingDetails .BillingCode WSInvoice .BillingDetails .BillingCode WSInvoice .BillingDetails .BillingCode WSInvoice .BillingDetails .BillingCode WSInvoice .BillingDetails .Category String Always Billing Code description. WSInvoice .BillingDetails .Description WSInvoice .BillingDetails .Decimal Always Billing Code description.				
Enum	WSInvoice	String	Conditional	If present.
Supplemental or 2 for Credit.	.CustomerControlAccount			
MSInvoice	WSInvoice .Type	Enum	Always	InvoiceType: 0 for Invoice, 1 for
TotalFreightCharges Decimal Always				Supplemental or 2 for Credit.
Decimal Always Always	WSInvoice	Decimal	Always	
TotalFuelCharges Decimal Always	.TotalFreightCharges			
MSInvoice	WSInvoice	Decimal	Always	
TotalAccessorialCharges Decimal Always	.TotalFuelCharges			
Decimal Always Sum total of Freight, Fuel, Accessorial and Service charges	WSInvoice	Decimal	Always	
TotalServiceCharges Decimal Always Sum total of Freight, Fuel, Accessorial and Service charges	.TotalAccessorialCharges			
MSInvoice Decimal Always Sum total of Freight, Fuel, Accessorial and Service charges	WSInvoice	Decimal	Always	
.TotalAmountDueand Service chargesWSInvoice .BillingDetailsComplex (multiple)AlwaysOne or more charge billing detail breakdownWSInvoice .BillingDetails .ReferenceNumberStringConditional If present. Record reference number.WSInvoice .BillingDetails .ReferenceNumberTypeEnumAlwaysDetailReferenceType: 0 for Shipment, 1 for ServiceTicket, or 2 for Miscellaneous.WSInvoice .BillingDetails .BillingCodeStringAlwaysWSInvoice .BillingDetails .CategoryEnumAlwaysChargeCodeCategory: 0 for Freight, 1 for Fuel, 2 for Accessorial, or 3 for Service.WSInvoice .BillingDetails .DescriptionStringAlwaysBilling Code description.WSInvoice .BillingDetails .DecimalAlwaysBilling amount	.TotalServiceCharges			
WSInvoice .BillingDetails Complex (multiple) WSInvoice .BillingDetails String Conditional If present. Record reference number. ReferenceNumber WSInvoice .BillingDetails .ReferenceNumberType Enum Always DetailReferenceType: 0 for Shipment, 1 for ServiceTicket, or 2 for Miscellaneous. WSInvoice .BillingDetails .BillingCode WSInvoice .BillingDetails .Category Always ChargeCodeCategory: 0 for Freight, 1 for Fuel, 2 for Accessorial, or 3 for Service. WSInvoice .BillingDetails .Decimal Always Billing Code description.	WSInvoice	Decimal	Always	Sum total of Freight, Fuel, Accessorial
WSInvoice .BillingDetails .ReferenceNumber WSInvoice .BillingDetails .ReferenceNumber WSInvoice .BillingDetails .ReferenceNumberType WSInvoice .BillingDetails .BillingCode WSInvoice .BillingDetails .Category WSInvoice .BillingDetails .Category WSInvoice .BillingDetails .Decimal Always DetailReferenceType: 0 for Shipment, 1 for ServiceTicket, or 2 for Miscellaneous. Always ChargeCodeCategory: 0 for Freight, 1 for Fuel, 2 for Accessorial, or 3 for Service. Billing Code description. Always Billing Code description.	.TotalAmountDue			and Service charges
WSInvoice .BillingDetails .ReferenceNumber WSInvoice .BillingDetails .ReferenceNumberType Enum Always DetailReferenceType: 0 for Shipment, 1 for ServiceTicket, or 2 for Miscellaneous. WSInvoice .BillingDetails .BillingCode WSInvoice .BillingDetails .Category Always ChargeCodeCategory: 0 for Freight, 1 for Fuel, 2 for Accessorial, or 3 for Service. WSInvoice .BillingDetails .Description WSInvoice .BillingDetails Decimal Always Billing Code description.	WSInvoice .BillingDetails	Complex	Always	One or more charge billing detail
.ReferenceNumber WSInvoice .BillingDetails .ReferenceNumberType Enum Always DetailReferenceType: 0 for Shipment, 1 for ServiceTicket, or 2 for Miscellaneous. WSInvoice .BillingDetails .BillingCode WSInvoice .BillingDetails .Category Always ChargeCodeCategory: 0 for Freight, 1 for Fuel, 2 for Accessorial, or 3 for Service. WSInvoice .BillingDetails .Description WSInvoice .BillingDetails Decimal Always Billing Code description.		(multiple)		breakdown
.ReferenceNumber WSInvoice .BillingDetails .ReferenceNumberType Enum Always DetailReferenceType: 0 for Shipment, 1 for ServiceTicket, or 2 for Miscellaneous. WSInvoice .BillingDetails .BillingCode WSInvoice .BillingDetails .Category Always ChargeCodeCategory: 0 for Freight, 1 for Fuel, 2 for Accessorial, or 3 for Service. WSInvoice .BillingDetails .Description WSInvoice .BillingDetails Decimal Always Billing Code description.				
WSInvoice .BillingDetails .ReferenceNumberType Enum Always DetailReferenceType: 0 for Shipment, 1 for ServiceTicket, or 2 for Miscellaneous. WSInvoice .BillingDetails .BillingCode WSInvoice .BillingDetails .Category Always ChargeCodeCategory: 0 for Freight, 1 for Fuel, 2 for Accessorial, or 3 for Service. WSInvoice .BillingDetails .Description WSInvoice .BillingDetails Decimal Always Billing Code description.	WSInvoice .BillingDetails	String	Conditional	If present. Record reference number.
.ReferenceNumberType WSInvoice .BillingDetails .BillingCode WSInvoice .BillingDetails .Category MSInvoice .BillingDetails .Category String Always ChargeCodeCategory: 0 for Freight, 1 for Fuel, 2 for Accessorial, or 3 for Service. WSInvoice .BillingDetails .Description WSInvoice .BillingDetails Decimal Always Billing Code description.	.ReferenceNumber			
WSInvoice .BillingDetails .BillingCode WSInvoice .BillingDetails .Category WSInvoice .BillingDetails .Category Miscellaneous. Always ChargeCodeCategory: 0 for Freight, 1 for Fuel, 2 for Accessorial, or 3 for Service. WSInvoice .BillingDetails .Description WSInvoice .BillingDetails Decimal Always Billing amount	WSInvoice .BillingDetails	Enum	Always	DetailReferenceType: 0 for Shipment, 1
WSInvoice .BillingDetails .BillingCode WSInvoice .BillingDetails .Category WSInvoice .BillingDetails .Category Always ChargeCodeCategory: 0 for Freight, 1 for Fuel, 2 for Accessorial, or 3 for Service. WSInvoice .BillingDetails .Description WSInvoice .BillingDetails Decimal Always Billing amount	.ReferenceNumberType			for ServiceTicket, or 2 for
.BillingCode WSInvoice .BillingDetails .Category WSInvoice .BillingDetails .Description Always ChargeCodeCategory: 0 for Freight, 1 for Fuel, 2 for Accessorial, or 3 for Service. Billing Code description. Billing Code description. Billing amount				Miscellaneous.
WSInvoice .BillingDetails .Category BillingDetails .Category Always ChargeCodeCategory: 0 for Freight, 1 for Fuel, 2 for Accessorial, or 3 for Service. WSInvoice .BillingDetails .Description WSInvoice .BillingDetails Decimal Always Billing amount	WSInvoice .BillingDetails	String	Always	
.Category for Fuel, 2 for Accessorial, or 3 for Service. WSInvoice .BillingDetails	.BillingCode			
WSInvoice .BillingDetails .Description WSInvoice .BillingDetails Decimal Always Billing Code description. Billing Code description.	WSInvoice .BillingDetails	Enum	Always	ChargeCodeCategory: 0 for Freight, 1
WSInvoice .BillingDetails .Description WSInvoice .BillingDetails Decimal Always Billing Code description. Billing Code description.	.Category			for Fuel, 2 for Accessorial, or 3 for
.Description WSInvoice .BillingDetails Decimal Always Billing amount				Service.
WSInvoice .BillingDetails Decimal Always Billing amount	WSInvoice .BillingDetails	String	Always	Billing Code description.
	.Description			
.AmountDue	WSInvoice .BillingDetails	Decimal	Always	Billing amount
	.AmountDue			
WSInvoice. Boolean Always True if Messages contains at least one	WSInvoice.	Boolean	Always	True if Messages contains at least one
·	ContainsErrorMessage			_



WSInvoice .Messages	Complex (multiple)	Always	
WSInvoice .Messages.Value	String	Always	Message value.
WSInvoice .Messages.Type	Enum	Always	MessageType is: 0 for Error, 1 for
			Information, 2 for Warning, and 3 for
			Null.

2.23 GetInvoicesByDueDate

2.23.1 URL

Method: POST

URL: /GetInvoicesByDueDate.aspx

2.23.2 Description

Retrieves invoice records within a specific due date range

```
2.23.3 Input
```

```
{
    "StartDate": "2018-01-05T00:00:00-05:00",
    "EndDate": "2018-03-06T11:27:25.6687562-05:00"
}
```

GetInvoicesByDueDate Request

Field	Туре	Required/ Optional	Description
StartDate	DateTime	Required	Start due date. Date must be between 1/1/1753 and 12/31/9999.
EndDate	DateTime	Required	End due date. Date must be between 1/1/1753 and 12/31/9999.

2.23.4 Output

```
[{
    "InvoiceNumber": "52417V",
    "Date": "2017-10-30T16:19:44.227",
    "DueDate": "2017-11-29T16:19:44.227",
    "InvoiceType": 0,
    "SpecialInstruction": "",
```



```
"LocationStreet": "1406 Peach St",
"LocationStreetExtra": "",
"LocationCity": "Erie",
"LocationState": "PA",
"LocationPostalCode": "16501",
"LocationCountryName": "USA",
"TotalAmount": 115.0000,
"OriginalInvoiceNumber": "",
"Messages": null,
"ContainsErrorMessage": false
}
```

GetInvoicesByDueDate Response

Field	Туре	Returned	Description
WSInvoiceSummary	Complex	Always	NOTE: If no records found or
	(multiple)		error in process, a single record
			is returned with error message
			in the messages collection.
WSInvoiceSummary .InvoiceNumber	String	Conditional	If record found.
WSInvoiceSummary .Date	DateTime	Always	Default is current date.
WSInvoiceSummary .DueDate	DateTime	Always	Default is current date.
WSInvoiceSummary .InvoiceType	Enum	Always	InvoiceType: 0 for Invoice, 1 for
			Supplemental or 2 for Credit.
WSInvoiceSummary	String	Conditional	If present.
.SpecialInstructions			
WSInvoiceSummary .LocationStreet	String	Always	
WSInvoiceSummary	String	Conditional	If present.
.LocationStreetExtra			
WSInvoiceSummary .LocationCity	String	Always	
WSInvoiceSummary .LocationState	String	Always	
WSInvoiceSummary	String	Always	
.LocationPostalCode			
WSInvoiceSummary	String	Always	
.LocationCountryName			
WSInvoiceSummary .TotalAmount	Decimal	Always	
WSInvoiceSummary	String	Conditional	Present for InvoiceType:
.OriginalInvoiceNumber			Supplemental and Credit.
WSInvoiceSummary.	Boolean	Always	True if Messages contains at
ContainsErrorMessage			least one error message. False otherwise.



WSInvoiceSummary.Messages	Complex (multiple)	Always	
	(multiple)		
WSInvoiceSummary.Messages.Value	String	Always	Message value.
WSInvoiceSummary.Messages.Type	Enum	Always	MessageType is: 0 for Error, 1
			for Information, 2 for Warning,
			and 3 for Null.

2.24 GetInvoicesByDate

2.24.1 URL

Method: POST

URL: /GetInvoicesByDate.aspx

2.24.2 Description

Retrieves invoice records within a specified date range

2.24.3 Input

```
{
    "StartDate": "2018-01-05T00:00:00-05:00",
    "EndDate": "2018-03-06T11:27:25.6687562-05:00"
}
```

GetInvoicesByDate Request

Field	Туре	Required/ Optional	Description
StartDate	DateTime	Required	Start due date. Date must be between 1/1/1753 and 12/31/9999.
EndDate	DateTime	Required	End due date. Date must be between 1/1/1753 and 12/31/9999.

2.24.4 Output

```
[{
    "InvoiceNumber": "123",
    "Date": "2017-10-30T16:19:44.227",
    "DueDate": "2017-11-29T16:19:44.227",
    "InvoiceType": 0,
    "SpecialInstruction": "",
    "LocationStreet": "1406 Peach St",
    "LocationStreetExtra": "",
```



```
"LocationCity": "Erie",
"LocationState": "PA",
"LocationPostalCode": "16501",
"LocationCountryName": "USA",
"TotalAmount": 115.0000,
"OriginalInvoiceNumber": "",
"Messages": null,
"ContainsErrorMessage": false
}
```

GetInvoicesByDate Response

Field	Туре	Returned	Description
WSInvoiceSummary	Complex	Always	NOTE: If no records found or
	(multiple)		error in process, a single record
			is returned with error message
			in the messages collection.
WSInvoiceSummary .InvoiceNumber	String	Conditional	If record found.
WSInvoiceSummary .Date	DateTime	Always	Default is current date.
WSInvoiceSummary .DueDate	DateTime	Always	Default is current date.
WSInvoiceSummary .InvoiceType	Enum	Always	InvoiceType: 0 for Invoice, 1 for
			Supplemental or 2 for Credit.
WSInvoiceSummary	String	Conditional	If present.
.SpecialInstructions		1	
WSInvoiceSummary .LocationStreet	String	Always	
WSInvoiceSummary	String	Conditional	If present.
.LocationStreetExtra			
WSInvoiceSummary .LocationCity	String	Always	
WSInvoiceSummary .LocationState	String	Always	
WSInvoiceSummary	String	Always	
.LocationPostalCode			
WSInvoiceSummary	String	Always	
.LocationCountryName			
WSInvoiceSummary .TotalAmount	Decimal	Always	
WSInvoiceSummary	String	Conditional	Present for InvoiceType:
.OriginalInvoiceNumber			Supplemental and Credit.
WSInvoiceSummary.	Boolean	Always	True if Messages contains at
ContainsErrorMessage			least one error message. False
			otherwise.
WSInvoiceSummary.Messages	Complex	Always	
	(multiple)		
WSInvoiceSummary.Messages.Value	String	Always	Message value.



WSInvoiceSummary.Messages.Type	Enum	Always	MessageType is: 0 for Error, 1
			for Information, 2 for Warning,
			and 3 for Null.

2.25 GetInvoicesForShipment

2.25.1 URL

Method: POST

URL: /GetInvoicesByDueDate.aspx

2.25.2 Description

Retrieves invoice records for a specified shipment record.

```
2.25.3 Input
```

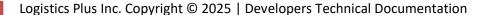
```
{
    "shipmentNumber"
}
```

GetInvoicesForShipment Request

Field	Туре	Required/ Optional	Description
ShipmentNumber	String	Required	Shipment number of shipment record for which invoices are desired.

2.25.4 Output

```
[{
    "InvoiceNumber": "INV123",
    "Date": "2017-10-30T16:19:44.227",
    "DueDate": "2017-11-29T16:19:44.227",
    "InvoiceType": 0,
    "SpecialInstruction": "",
    "LocationStreet": "1406 Peach St",
    "LocationStreetExtra": "",
    "LocationCity": "Erie",
    "LocationState": "PA",
    "LocationPostalCode": "16501",
    "LocationCountryName": "USA",
    "TotalAmount": 115.0000,
    "OriginalInvoiceNumber": "",
    "Messages": null,
```



```
"ContainsErrorMessage": false
}
```

GetInvoicesForShipment Response

]

Field	Туре	Returned	Description
WSInvoiceSummary	Complex	Always	NOTE: If no records found or
	(multiple)		error in process, a single record
			is returned with error message
			in the messages collection.
WSInvoiceSummary .InvoiceNumber	String	Conditional	If record found.
WSInvoiceSummary .Date	DateTime	Always	Default is current date.
WSInvoiceSummary .DueDate	DateTime	Always	Default is current date.
WSInvoiceSummary .InvoiceType	Enum	Always	InvoiceType: 0 for Invoice, 1 for
			Supplemental or 2 for Credit.
WSInvoiceSummary	String	Conditional	If present.
.SpecialInstructions			
WSInvoiceSummary .LocationStreet	String	Always	
WSInvoiceSummary	String	Conditional	If present.
.LocationStreetExtra			
WSInvoiceSummary .LocationCity	String	Always	
WSInvoiceSummary .LocationState	String	Always	
WSInvoiceSummary	String	Always	
.LocationPostalCode			
WSInvoiceSummary	String	Always	
.LocationCountryName			
WSInvoiceSummary .TotalAmount	Decimal	Always	
WSInvoiceSummary	String	Conditional	Present for InvoiceType:
.OriginalInvoiceNumber			Supplemental and Credit.
WSInvoiceSummary.	Boolean	Always	True if Messages contains at
ContainsErrorMessage			least one error message. False
			otherwise.
WSInvoiceSummary.Messages	Complex	Always	
	(multiple)		
WSInvoiceSummary.Messages.Value	String	Always	Message value.
WSInvoiceSummary.Messages.Type	Enum	Always	MessageType is: 0 for Error, 1
			for Information, 2 for Warning,
			and 3 for Null.



2.25 SaveQuote

2.25.1 URL

Method: POST

URL: /SaveQuote.aspx

2.25.2 Description

Saves a rated shipment as a Quote.

```
2.25.3 Input
```

```
{
        "BookingReferenceNumber": null,
        "BookingReferenceNumberType": 2,
        "Origin": {
                "Description": null,
                "Street": null,
                "StreetExtra": null,
                "PostalCode": "16508",
                "City": "Erie",
                "State": null,
                "Country": {
                        "Code": "US",
                        "Name": "United States",
                        "UsesPostalCode": true
                "SpecialInstructions": null,
                "GeneralInfo": null,
                "Direction": null,
                "Email": null,
                "Contact": null,
                "Phone": null,
                "Fax": null,
                "Mobile": null,
                "ContactComment": null
        "Destination": {
                "Description": null,
                "Street": null,
                "StreetExtra": null,
"PostalCode": "12345",
                "City": "Erie",
                "State": null,
                "Country": {
                        "Code": "US",
                        "Name": "United States",
                        "UsesPostalCode": true
                },
```

```
"SpecialInstructions": null,
       "GeneralInfo": null,
       "Direction": null,
       "Email": null,
       "Contact": null,
       "Phone": null,
       "Fax": null,
       "Mobile": null,
       "ContactComment": null
},
"ReferenceNumber": null,
"PurchaseOrder": null,
"ShipperBOL": null,
"OverrideApiRatingDates": false,
"DisableApiBookingNotifications": false,
"CustomReferences": null,
"ShipmentDate": "2018-03-12T10:09:19.6570095-04:00",
"EarliestPickup": {
       "Time": "08:00"
"LatestPickup": {
       "Time": "17:00"
},
"EarliestDelivery": null,
"LatestDelivery": null,
"Items": [{
                "Weight": 1000.0,
                "PackagingQuantity": 1,
                "SaidToContain": 1,
                "Height": 40.0,
               "Width": 48.0,
                "Length": 48.0,
                "Stackable": false,
                "HazardousMaterial": false,
                "DeclaredValue": 100.0,
                "Description": "Test Type",
                "Comment": "",
                "NationalMotorFreightClassification": "",
                "HarmonizedTariffSchedule": "",
                "Packaging": {
                       "Key": 258,
                       "PackageName": "Pallets",
                       "DefaultLength": 0.0,
                       "DefaultHeight": 0.0,
                       "DefaultWidth": 0.0
                "FreightClass": {
                       "FreightClass": 77.5
       }
],
"Accessorials": null,
"DeclineAdditionalInsuranceIfApplicable": true,
"HazardousMaterialShipment": false,
```

```
"HazardousMaterialContactPhone": null,
"HazardousMaterialContactMobile": null,
"HazardousMaterialContactEmail": null,
"AvailableRates": null,
"SelectedRate": {
               "CarrierKey": "63",
               "CarrierName": "Con Way",
               "CarrierScac": "CNWY",
              "BilledWeight": 1000.0,
               "RatedWeight": 1000.0,
               "TransitTime": 1,
               "EstimatedDeliveryDate": "2018-02-26T17:00:00-05:00",
               "ServiceMode": 0,
               "FreightCharges": 178.9452000000,
               "FuelCharges": 45.30892464000000,
               "AccessorialCharges": 0.0,
               "ServiceCharges": 0.0,
               "TotalCharges": 224.25412464000000,
               "Mileage": 0.0,
               "MileageSourceKey": 0,
               "MileageSourceDescription": null,
               "BillingDetails": [{
                              "ReferenceNumber": "",
                              "ReferenceType": 2,
                              "BillingCode": "DILTL",
                              "Description": "LTL FREIGHT",
                              "Category": 0,
                              "AmountDue": 178.9452000000
                      }, {
                              "ReferenceNumber": "",
                              "ReferenceType": 2,
                              "BillingCode": "FS",
                              "Description": "FUEL",
                              "Category": 1,
                              "AmountDue": 45.30892464000000
                      }
               ],
               "GuarOptions": [],
               "SelectedGuarOption": null
"BookedRate": null,
"ReturnConfirmations": null
```

"HazardousMaterialContactName": null,

SaveQuote Request

Field	Туре	Required/ Optional	Description
WSShipment2	Complex	Required	
WSShipment2 .BookingReferenceNumber	String		Ignored on request.



WSShipment2	String		Ignored on request.
.BookingReferenceNumberT	008		- Shored on request.
ype			
WSShipment2 .Origin	Complex	Required	Origin location information
WSShipment2 .Origin	String	Required	Name or description of location.
.Description	String	Required	Maximum length 50 characters.
Bescription			Wide Artifaction Section detects.
WSShipment2 .Origin	String	Required	Street name. Maximum length 50
Street	- Str.11.8	riequi eu	characters.
WSShipment2 .Origin	String	Optional	Street name extra. Maximum length 50
.StreetExtra			characters.
WSShipment2 .Origin	String	Required	Postal code. Maximum length 10
.PostalCode		·	characters.
WSShipment2 .Origin .City	String	Required	City. Maximum length 50 characters
WSShipment2 .Origin .State	String	Required	State. Maximum length 50 characters
WSShipment2 .Origin	Complex	Required	Use one of the countries retrieved from
.Country			service. See section 2.4 or 2.6.
WSShipment2 .Origin	String	Required	Country code.
.Country.Code			
WSShipment2 .Origin	String	Optional	Country name.
.Country.Name			
WSShipment2.Origin	Boolean	Required	Indicates that country uses postal code.
.Country.UsesPostalCode			
WSShipment2.Origin	String	Optional	Maximum length 500 characters.
.SpecialInstructions			
WSShipment2.Origin	String	Optional	For location. Maximum length 2000
.GeneralInfo			characters.
week in a control	C	0 1	T. I. II. 1000
WSShipment2.Origin	String	Optional	To Location. Maximum length 1000
.Direction	Chuin -	Ontinual	characters.
WSShipment2.Origin .Email	String	Optional	Maximum length 100 characters.
WSShipment2.Origin .Contact	String	Required	Contact person. Maximum length 50 characters.
WSShipment2.Origin	String	Required	Maximum length 50 characters.
.Phone	String	required	iviaxiiiluili leligili 30 ciidi deteis.
WSShipment2.Origin .Fax	String	Optional	Maximum length 50 characters.
WSShipment2.Origin	String	Optional	Maximum length 50 characters.
.Mobile	508		maximum length 50 characters.
WSShipment2.Origin	String	Optional	Maximum length 200 characters.
.ContactComment		'	0
WSShipment2.Destination	Complex	Required	Destination location information
WSShipment2. Destination	String	Required	Name or description of location.
Description			Maximum length 50 characters.
·	•	•	



	0. 1		
WSShipment2. Destination .Street	String	Required	Street name. Maximum length 50 characters.
	CLIT		
WSShipment2. Destination	String	optional	Street name extra. Maximum length 50
.StreetExtra			characters.
WSShipment2. Destination	String	Required	Postal code. Maximum length 10
.PostalCode			characters.
WSShipment2. Destination	String	Required	City. Maximum length 50 characters
.City			
WSShipment2. Destination	String	Required	State. Maximum length 50 characters
.State			
WSShipment2. Destination	Complex	Required	Use one of the countries retrieved from
.Country	·		service. See section 2.4 or 2.6.
WSShipment2. Destination	String	Required	Country code.
.Country.Code			,
WSShipment2. Destination	String	Optional	Country name.
.Country.Name		360.01101	,
WSShipment2. Destination	Boolean	Optional	Indicates that country uses postal code.
.Country.UsesPostalCode	Boolean	Optional	marcates that country uses postar coue.
WSShipment2. Destination	String	Optional	Maximum length 500 characters.
.SpecialInstructions	String	Ориона	Wiaximum length 500 characters.
WSShipment2. Destination	String	Optional	For location. Maximum length 2000
.Generalinfo	String	Ориона	characters.
	Ctring	Ontional	
WSShipment2. Destination .Direction	String	Optional	To location. Maximum length 2000
	Chuin	Outional	characters.
WSShipment2. Destination	String	Optional	Maximum length 100 characters.
.Email			
WSShipment2. Destination	String	Required	Contact person. Maximum length 50
.Contact			characters.
WSShipment2. Destination	String	Required	Maximum length 50 characters.
.Phone			
WSShipment2. Destination	String	Optional	Maximum length 50 characters.
.Fax			
WSShipment2. Destination	String	Optional	Maximum length 50 characters.
.Mobile			
WSShipment2.Destination	String	Optional	Maximum length 200 characters.
.ContactComment			
WSShipment2.ReferenceNu	String	Optional	Shipper reference number. Maximum
mber			length 50 characters.
WSShipment2.PurchaseOrd	String	Optional	Purchase Order Number. Maximum
er			length 50 characters.
WSShipment2 .ShipperBOL	String		Ignored on request.
1			
L			



WSShipment2	Complex	Optional	Custom customer reference. Zero or
.CustomerReferences	(multiple)		more. NOTE: if account has required references in setup, they are required here.
WSShipment2	String	Required	Maximum length 50 characters.
.CustomerReferences .Name			
WSShipment2 .CustomerReferences .Value	String	Optional	Required if field is marked as required or account setup requires field. Maximum length 50 characaters.
WSShipment2 .CustomerReferences .Required	Boolean	Required	True or False.
WSShipment2 .ShipmentDate	DateTime	Required	Value must be between 1/1/1753 and 12/31/9999
WSShipment2 .EarliestPickup	Complex	Required	Use one of the times retrieved from service. See section 2.5 or 2.6.
WSShipment2.EarliestPicku p .Time	String	Required	
WSShipment2 .LatestPickup	Complex	Required	Use one of the times retrieved from service. See section 2.5 or 2.6.
WSShipment2 .LatestPickup .Time	String	Required	
WSShipment2 .EarliestDelivery	Complex	Required	Use one of the times retrieved from service. See section 2.5 or 2.6.
WSShipment2 .EarliestDelivery .Time	String	Required	
WSShipment2 .LatestDelivery	Complex	Required	Use one of the times retrieved from service. See section 2.5 or 2.6.
WSShipment2 .LatestDelivery .Time	String	Required	
WSShipment2 .Items	Complex (multiple)	Required	One or more.
WSShipment2 .Items .Weight	Decimal	Required	Value between 0 and 99999999.9999 in pounds (lb).
WSShipment2 .Items .PackagingQuantity	Int	Required	Must be greater than zero.
WSShipment2 .Items .SaidToContain	Int	Optional	Must be greater than or equal to zero. Also known as piece count.
WSShipment2 .Items .Length	Decimal	Required	Value between 0 and 9999.9999 in inches (in).
WSShipment2 .Items .Width	Decimal	Required	Value between 0 and 9999.9999 in inches (in).

WSShipment2 .Items	ged .00
WSShipment2 .Items .StackableBooleanRequiredTrue or false.WSShipment2 .Items.HazardousMaterialBooleanOptionalTrue or false. If shipment is set to Hazardous Material and no items are 	ged .00
.Stackable WSShipment2 .Items.HazardousMaterial WSShipment2 .Items .Decimal .DeclaredValue WSShipment2 .Items .Description WSShipment2 .Items .Comment WSShipment2 .Items	ged .00
WSShipment2	ged .00
.Items.HazardousMaterialHazardous Material and no items are marked as such, all items will be flagged as hazmat.WSShipment2 .ItemsDecimalOptionalValue between 0 and 99999999999999999999999999999999999	ged .00
.Items.HazardousMaterialHazardous Material and no items are marked as such, all items will be flagged as hazmat.WSShipment2 .ItemsDecimalOptionalValue between 0 and 99999999999999999999999999999999999	ged .00
.Items.HazardousMaterial Hazardous Material and no items are marked as such, all items will be flagged as hazmat. WSShipment2 .Items Decimal DeclaredValue WSShipment2 .Items Description String Required Item description. Maximum length 10 characters. WSShipment2 .Items Comment WSShipment2 .Items String Optional NMFC. Maximum length 50 characters.	ged .00
.Items.HazardousMaterialHazardous Material and no items are marked as such, all items will be flagged as hazmat.WSShipment2 .ItemsDecimalOptionalValue between 0 and 99999999999999999999999999999999999	ged .00
marked as such, all items will be flagger as hazmat. WSShipment2 .Items .DeclaredValue WSShipment2 .Items .Description WSShipment2 .Items .Comment WSShipment2 .Items .Comment String String Optional MAFC. Maximum length 50 characters.	ged .00
wsshipment2.Items Decimal Decimal DeclaredValue Wsshipment2.Items Description Wsshipment2.Items Description Wsshipment2.Items String String String Ignored on request. Wsshipment2.Items Description Wsshipment2.Items Description String Optional Wsshipment2.Items Decimal De	.00
WSShipment2 .Items .DeclaredValueDecimalOptionalValue between 0 and 999999999999999999999999999999999999	
.DeclaredValue999999999999999999999999999999999	
WSShipment2 .Items .DescriptionStringRequiredItem description. Maximum length 10 characters.WSShipment2 .Items .CommentStringIgnored on request.WSShipment2 .ItemsStringOptionalNMFC. Maximum length 50 character	
.Description characters. WSShipment2 .Items String Ignored on request. .Comment String Optional NMFC. Maximum length 50 character	
WSShipment2 .Items String Ignored on request. Comment String Optional NMFC. Maximum length 50 characte	rs.
.Comment Optional NMFC. Maximum length 50 character	rs.
WSShipment2 .ltems String Optional NMFC. Maximum length 50 character	ers.
	ers.
.NationalMotorFreight	
Classification	_
WSShipment2 .Items String Optional HTS. Maximum length 50 characters.	
.HarmonizedTariffSchedule	
WSShipment2 .Items Complex Required Use one of the package options	
.Packaging retrieved from service. See section 2.	3
or 2.6.	
WSShipment2 .Items Long Required	
.Packaging .Key	
WSShipment2 .Items String Optional	
.Packaging .PackageName	
WSShipment2 .Items Decimal Optional	
.Packaging .DefaultLength	
WSShipment2 .ltems Decimal Optional	
.Packaging .DefaultWidth	
WSShipment2 .Items Decimal Optional	
.Packaging .DefaultHeight	
WSShipment2 .Items Complex Optional Use one of the freight class options	
.FreightClass retrieved from service. See section 2.	.2
or 2.6. NOTE: Freight Class Required	for
LessThanTruckload shipments.	
WSShipment2 .Items Double Required	
.FreightClass .FreightClass	

WSShipment2 .Accessorials	Complex (multiple)	Optional	Zero or more. Use one of the accessorial service options retrieved from service. See section 2.1 or 2.6.
WSShipment2 .Accessorials .ServiceCode	String	Required	
WSShipment2 .Accessorials .ServiceDescription	String	Optional	
WSShipment2 .Accessorials .BillingCode	String	Optional	
WSShipment2 .DeclineAdditionalInsurance IfApplicable	Boolean	Required	True or False. Only applies if customer setup has additional insurance enabled.
WSShipment2 .HazardousMaterialShipme nt	Boolean	Required	True or False.
WSShipment2 .HazardousMaterialContact Name	String	Optional	Maximum length 50 characters. NOTE: Required if HazardousmaterialShipment = True.
WSShipment2 .HazardousMaterialContact Phone	String	Optional	Maximum length 50 characters. NOTE: Required if HazardousmaterialShipment = True.
WSShipment2 .HazardousMaterialContact Mobile	String	Optional	Maximum length 50 characters.
WSShipment2 .HazardousMaterialContact Email	String	Optional	Maximum length 50 characters.
WSShipment2 .AvailableRates	Complex (multiple)		Ignored on request.
WSShipment2 .SelectedRate	Complex (multiple)	Required	Use one of the available rates returned from rate service call. See section 2.16.
WSShipment2 .SelectedRate .CarrierKey	String	Required	As returned.
WSShipment2 .SelectedRate .CarrierName	String	Optional	Ignored.
WSShipment2 .SelectedRate .CarrierScac	String	Required	As returned.
WSShipment2 .SelectedRate .BilledWeight	Decimal	Required	As returned.



WSShipment2 .SelectedRate .RatedWeight	Decimal	Conditional	As returned.
WSShipment2 .SelectedRate .RatedCubicFeet	Decimal	Conditional	As returned.
WSShipment2 .SelectedRate .TransitTime	Int	Required	As returned.
WSShipment2 .SelectedRate .EstimatedDeliveryDate	DateTime	Required	As returned.
WSShipment2 .SelectedRate .ServiceMode	Enum	Required	As returned.
WSShipment2 .SelectedRate .FreightCharges	Decimal	Required	As returned.
WSShipment2 .SelectedRate .FuelCharges	Decimal	Required	As returned.
WSShipment2 .SelectedRate .AccessorialCharges	Decimal	Required	As returned.
WSShipment2 .SelectedRate .ServiceCharges	Decimal	Required	As returned.
WSShipment2 .SelectedRate .TotalCharges	Decimal	Required	As returned.
WSShipment2 .SelectedRate .Mileage	Decimal	Required	As returned.
WSShipment2 .SelectedRate .MileageSourceKey	Long	Required	As returned.
WSShipment2 .SelectedRate .MileageSourceDescription	String	Optional	
WSShipment2 .SelectedRate .BillingDetails	Complex (multiple)		Ignored on request.
WSShipment2 .SelectedRate .GuarOptions	Complex (multiple)		Ignored on request.



WSShipment2	Complex	Optional	Use one of the GuarOptions
.SelectedRate	Complex	Ориона	BillingDetails within SelectedRate
.SelectedGuarOption			BillingDetails within Selectedrate
.Selected duar Option			
WSShipmont?	String	Required	As returned.
WSShipment2 .SelectedRate	String	Required	As returned.
.SelectedGuarOption .ReferenceNumber			
.keierencewumber			
WSShipment2	Enum	Required	DetailReferenceType: 0 for Shipment, 1
.SelectedRate			for ServiceTicket, or 2 for
.SelectedGuarOption			Miscellaneous.
.ReferenceNumberType			As returned.
WSShipment2	String	Required	As returned
.SelectedRate			
.SelectedGuarOption			
.BillingCode			
WSShipment2	Enum	Required	ChargeCodeCategory: 0 for Freight, 1
.SelectedRate			for Fuel, 2 for Accessorial, or 3 for
.SelectedGuarOption			Service. As returned.
.Category			
WSShipment2	String	Required	Billing Code description. As returned
.SelectedRate			
.SelectedGuarOption			
.Description			
WSShipment2	Decimal	Required	Billing amount. As returned
.SelectedRate			
.SelectedGuarOption			
.AmountDue			
WSShipment2 .BookedRate	Complex		Ignored on request.
	(multiple)		
WSShipment2	Complex		Ignored on request.
.ReturnConfirmations	(multiple)		
WSShipment2 . Messages	Complex		Ignored on request.
	(multiple)		

2.25.4 Output

```
{
    "BookingReferenceNumber": "123",
    "BookingReferenceNumberType": 2,
    "Origin": {
```



```
"Description": null,
        "Street": null,
        "StreetExtra": null,
        "PostalCode": "16508",
        "City": "Erie",
        "State": null,
        "Country": {
                "Code": "US",
                "Name": "United States",
                "UsesPostalCode": true
        "SpecialInstructions": null,
        "GeneralInfo": null,
        "Direction": null,
        "Email": null,
        "Contact": null,
        "Phone": null,
        "Fax": null,
        "Mobile": null,
        "ContactComment": null
"Destination": {
        "Description": null,
        "Street": null,
        "StreetExtra": null,
        "PostalCode": "12345",
        "City": "Erie",
"State": null,
        "Country": {
                "Code": "US",
                "Name": "United States",
                "UsesPostalCode": true
        "SpecialInstructions": null,
        "GeneralInfo": null,
        "Direction": null,
        "Email": null,
        "Contact": null,
        "Phone": null,
        "Fax": null,
        "Mobile": null,
        "ContactComment": null
"ReferenceNumber": null,
"PurchaseOrder": null,
"ShipperBOL": null,
"OverrideApiRatingDates": false,
"DisableApiBookingNotifications": false,
"CustomReferences": null,
"ShipmentDate": "2018-03-12T10:09:19.6570095-04:00",
"EarliestPickup": {
        "Time": "08:00"
},
"LatestPickup": {
```

```
"Time": "17:00"
"EarliestDelivery": null,
"LatestDelivery": null,
"Items": [{
               "Weight": 1000.0,
               "PackagingQuantity": 1,
               "SaidToContain": 1,
               "Height": 40.0,
               "Width": 48.0,
               "Length": 48.0,
               "Stackable": false,
               "HazardousMaterial": false,
               "DeclaredValue": 100.0,
               "Description": "Test Type",
               "Comment": "",
               "NationalMotorFreightClassification": "",
               "HarmonizedTariffSchedule": "",
               "Packaging": {
                      "Key": 258,
                      "PackageName": "Pallets",
                      "DefaultLength": 0.0,
                      "DefaultHeight": 0.0,
                      "DefaultWidth": 0.0
               "FreightClass": {
                      "FreightClass": 77.5
       }
"Accessorials": null,
"DeclineAdditionalInsuranceIfApplicable": true,
"HazardousMaterialShipment": false,
"HazardousMaterialContactName": null,
"HazardousMaterialContactPhone": null,
"HazardousMaterialContactMobile": null,
"HazardousMaterialContactEmail": null,
"AvailableRates": null,
"SelectedRate": {
               "CarrierKey": "63",
               "CarrierName": "Con Way",
               "CarrierScac": "CNWY",
               "BilledWeight": 1000.0,
               "RatedWeight": 1000.0,
               "TransitTime": 1,
               "EstimatedDeliveryDate": "2018-02-26T17:00:00-05:00",
               "ServiceMode": 0,
               "FreightCharges": 178.9452000000,
               "FuelCharges": 45.30892464000000,
               "AccessorialCharges": 0.0,
               "ServiceCharges": 0.0,
               "TotalCharges": 224.25412464000000,
               "Mileage": 0.0,
```

```
"MileageSourceKey": 0,
               "MileageSourceDescription": null,
               "BillingDetails": [{
                              "ReferenceNumber": "",
                              "ReferenceType": 2,
                              "BillingCode": "DILTL",
                              "Description": "LTL FREIGHT",
                              "Category": 0,
                              "AmountDue": 178.9452000000
                      }, {
                              "ReferenceNumber": "",
                              "ReferenceType": 2,
                              "BillingCode": "FS",
                              "Description": "FUEL",
                              "Category": 1,
                              "AmountDue": 45.30892464000000
                      }
               "GuarOptions": [],
               "SelectedGuarOption": null
"BookedRate": {
               "CarrierKey": "63",
               "CarrierName": "Con Way",
               "CarrierScac": "CNWY",
               "BilledWeight": 1000.0,
               "RatedWeight": 1000.0,
               "TransitTime": 1,
               "EstimatedDeliveryDate": "2018-02-26T17:00:00-05:00",
               "ServiceMode": 0,
               "FreightCharges": 178.9452000000,
               "FuelCharges": 45.30892464000000,
               "AccessorialCharges": 0.0,
               "ServiceCharges": 0.0,
               "TotalCharges": 224.25412464000000,
               "Mileage": 0.0,
               "MileageSourceKey": 0,
               "MileageSourceDescription": null,
               "BillingDetails": [{
                              "ReferenceNumber": "",
                              "ReferenceType": 2,
                              "BillingCode": "DILTL",
                              "Description": "LTL FREIGHT",
                              "Category": 0,
                              "AmountDue": 178.9452000000
                      }, {
                              "ReferenceNumber": "",
                              "ReferenceType": 2,
                              "BillingCode": "FS",
                              "Description": "FUEL",
                              "Category": 1,
                              "AmountDue": 45.30892464000000
```

```
],
    "GuarOptions": [],
    "SelectedGuarOption": null
},
    "ReturnConfirmations": null,
    "Messages": null,
    "ContainsErrorMessage": false
}
```

SaveQuote Response

Field	Туре	Returned	Description
WSShipment2	Complex	Always	
WSShipment2	String	Conditional	Present unless errors in processing. See
.BookingReferenceNumber			message for errors.
WSShipment2	String	Conditional	Present unless errors in processing. See
.BookingReferenceNumberT			message for errors.
уре			
WSShipment2 .Origin	Complex	Always	
WSShipment2 .Origin .Description	String	Always	As submitted.
WSShipment2 .Origin .Street	String	Always	As submitted.
WSShipment2 .Origin .StreetExtra	String	Always	As submitted.
WSShipment2 .Origin .PostalCode	String	Always	As submitted.
WSShipment2 .Origin .City	String	Always	As submitted
WSShipment2 .Origin .State	String	Always	As submitted.
WSShipment2 .Origin .Country	Complex	Always	
WSShipment2 .Origin .Country.Code	String	Always	As submitted.
WSShipment2 .Origin .Country.Name	String	Conditional	If submitted.
WSShipment2.Origin .Country.UsesPostalCode	Boolean	Always	As submitted.
WSShipment2.Origin .SpecialInstructions	String	Conditional	If submitted.
WSShipment2.Origin .GeneralInfo	String	Conditional	If submitted.



WSShipment2.Origin	String	Conditional	If submitted.
.Direction	308		The Submittee of the Su
WSShipment2.Origin .Email	String	Conditional	If submitted.
WSShipment2.Origin	String	Always	As submitted.
.Contact		" " " " " " " " " " " " " " " " " " "	
WSShipment2.Origin	String	Always	As submitted.
.Phone		,	
WSShipment2.Origin .Fax	String	Conditional	If submitted.
WSShipment2.Origin .Mobile	String	Conditional	If submitted.
WSShipment2.Destination	Complex	Always	
WSShipment2. Destination .Description	String	Always	As submitted.
WSShipment2. Destination	String	Always	As submitted.
.Street	26		
WSShipment2. Destination	String	Always	As submitted.
.StreetExtra		,	
WSShipment2. Destination	String	Always	As submitted.
.PostalCode			
WSShipment2. Destination	String	Always	As submitted.
.City			
WSShipment2. Destination	String	Always	As submitted.
.State			
WSShipment2. Destination	Complex	Always	
.Country			
WSShipment2. Destination	String	Always	As submitted.
.Country.Code			
WSShipment2. Destination	String	Conditional	If submitted.
.Country.Name	Deeleen	Canditianal	A a cultura into al
WSShipment2. Destination .Country.UsesPostalCode	Boolean	Conditional	As submitted.
WSShipment2. Destination	String	Conditional	If submitted.
.SpecialInstructions	Julis	Contaitional	ii subiliitteu.
WSShipment2. Destination	String	Conditional	If submitted.
.Generalinfo	- 36	35	
WSShipment2. Destination	String	Conditional	If submitted.
.Direction			
WSShipment2. Destination	String	Conditional	If submitted.
.Email			
WSShipment2. Destination	String	Always	As submitted.
.Contact			



WSShipment2. Destination	String	Always	As submitted.
.Phone			
WSShipment2. Destination .Fax	String	Conditional	If submitted.
WSShipment2. Destination .Mobile	String	Conditional	If submitted.
WSShipment2.Destination .ContactComment	String	Conditional	If submitted.
WSShipment2.ReferenceNu mber	String	Conditional	If submitted.
WSShipment2.PurchaseOrd er	String	Conditional	If submitted.
WSShipment2 .ShipperBOL	String	Conditional	If applicable to account.
WSShipment2 .CustomerReferences	Complex (multiple)	Conditional	If submitted.
WSShipment2 .CustomerReferences .Name	String	Always	As submitted.
WSShipment2 .CustomerReferences .Value	String	Conditional	If submitted.
WSShipment2 .CustomerReferences .Required	Boolean	Always	As submitted.
WSShipment2 .DesiredShipmentDate	DateTime	Always	As submitted.
WSShipment2 .EarliestPickup	Complex	Always	As submitted.
WSShipment2.EarliestPicku p .Time	String	Always	
WSShipment2 .LatestPickup	Complex	Always	As submitted
WSShipment2 .LatestPickup .Time	String	Always	
WSShipment2 .EarliestDelivery	Complex	Always	As submitted.
WSShipment2 .EarliestDelivery .Time	String	Always	
WSShipment2 .LatestDelivery	Complex	Always	As submitted.
WSShipment2 .LatestDelivery .Time	String	Always	
WSShipment2 .ltems	Complex (multiple)	Always	



.Weight WSShipment2 .Items .PackagingQuantity WSShipment2 .Items .SaidToContain	ways As submitted. ways As submitted. onditional As submitted. ways As submitted. ways As submitted.
.PackagingQuantity WSShipment2 .Items Int Co .SaidToContain	onditional As submitted. ways As submitted.
WSShipment2 .Items Int Co .SaidToContain	ways As submitted.
.SaidToContain	ways As submitted.
	,
WSShinment2 Items Decimal Alv	,
W33mpment2.items Decimal All	ways As submitted.
.Length	ways As submitted.
WSShipment2 .Items .Width Decimal Alv	,
WSShipment2 .ltems Decimal Alv	ways As submitted.
.Height	
WSShipment2 .ltems Boolean Alv	ways As submitted.
.Stackable	
I I	ways As submitted.
.HazardousMaterials	
I I	ways As submitted.
.DeclaredValue	
WSShipment2 .ltems String Alv	ways As submitted.
.Description	
, ,	nditional
.Comments	
	inditional If submitted.
.NationalMotorFreight	
Classification	
	onditional If submitted.
.HarmonizedTariffSchedule	
I	ways
Packaging	
	ways
.Packaging .Key	The state of the s
	onditional
.Packaging .PackageName	o dialo o al
•	onditional
.Packaging .DefaultLength	n diti a a a l
•	onditional
.Packaging .DefaultWidth	n diai a a a l
•	onditional
.Packaging .DefaultHeight	
WSShipment2 .Items Complex Co	nditional If submitted.
.FreightClass	
WSShipment2 .ltems Double Alv	ways
.FreightClass .FreightClass	



WSShipment2 .Accessorials	Complex (multiple)	Conditional	If submitted.
WSShipment2 .Accessorials .ServiceCode	String	Always	
WSShipment2 .Accessorials .ServiceDescription	String	Conditional	As submitted
WSShipment2 .Accessorials .BillingCode	String	Conditional	As submitted
WSShipment2 .DeclineAdditionalInsurance IfApplicable	Boolean	Always	As submitted.
WSShipment2 .HazardousMaterialShipme nt	Boolean	Always	As submitted.
WSShipment2 .HazardousMaterialContact Name	String	Always	As submitted.
WSShipment2 .HazardousMaterialContact Phone	String	Always	As submitted.
WSShipment2 .HazardousMaterialContact Mobile	String	Conditional	If submitted.
WSShipment2 .HazardousMaterialContact Email	String	Conditional	If submitted.
WSShipment2 .AvailableRates	Complex (multiple)	Conditional	Zero or more rates available for shipment configuration. Can be null in case of errors.
WSShipment2 .AvailableRates .CarrierKey	String	Always	For service mode Truckload = "[Contract]"
WSShipment2 .AvailableRates .CarrierName	String	Always	For service mode Truckload = "[Contract]"
WSShipment2 .AvailableRates .CarrierScac	String	Conditional	If present for carrier.
WSShipment2 .AvailableRates .BilledWeight	Decimal	Conditional	Present for service mode LessThanTruckload, SmallPackage
WSShipment2 .AvailableRates .RatedWeight	Decimal	Conditional	Present for service mode LessThanTruckload



Turant 1	I		I
WSShipment2	Decimal	Conditional	Present for service mode
.AvailableRates			LessThanTruckload
.RatedCubicFeet			
WSShipment2	Int	Conditional	Present for service mode
.AvailableRates			LessThanTruckload, SmallPackage
.TransitTime			
WSShipment2	DateTime	Conditional	Present for service mode
.AvailableRates			LessThanTruckload, SmallPackage.
.EstimatedDeliveryDate			
WSShipment2	Enum	Always	ServiceMode: 0 for LessThanTruckload,
.AvailableRates			1 for Truckload, 2 for Air, 3 for Rail, 4
.ServiceMode			for SmallPackage or 5 for NotApplicable
WSShipment2	Decimal	Always	
.AvailableRates			
.FreightCharges			
WSShipment2	Decimal	Always	
.AvailableRates			
.FuelCharges			
WSShipment2	Decimal	Always	
.AvailableRates			
.AccessorialCharges			
WSShipment2	Decimal	Always	
.AvailableRates			
.ServiceCharges			
WSShipment2	Decimal	Always	Sum total of Freight, Fuel, Accessorial
.AvailableRates			and Service charges.
.TotalCharges			
WSShipment2	Decimal	Conditional	If available
.AvailableRates .Mileage			
WSShipment2	Long	Conditional	If available
.AvailableRates			
.MileageSourceKey			
WSShipment2	String	Conditional	If available
.AvailableRates			
.MileageSourceDescription			
WSShipment2	Complex	Always	One or more charge billing detail
.AvailableRates	(multiple)		breakdown
.BillingDetails			
WSShipment2	String		Ignored on rate response.
.AvailableRates			
.BillingDetails			
.ReferenceNumber			



Lucal : .a	Ι_		D : 11D (T O (C) :
WSShipment2	Enum		DetailReferenceType: 0 for Shipment, 1
.AvailableRates			for ServiceTicket, or 2 for
.BillingDetails			Miscellaneous.
.ReferenceNumberType			Ignored on rate response.
WSShipment2	String	Always	
.AvailableRates			
.BillingDetails .BillingCode			
WSShipment2	Enum	Always	ChargeCodeCategory: 0 for Freight, 1
.AvailableRates			for Fuel, 2 for Accessorial, or 3 for
.BillingDetails .Category			Service.
WSShipment2	String	Always	Billing Code description.
.AvailableRates			
.BillingDetails .Description			
WSShipment2	Decimal	Always	Billing amount
.AvailableRates			
.BillingDetails .AmountDue			
WSShipment2	Complex	Conditional	One or more charge billing detail
.AvailableRates	(multiple)		breakdown. Present if available
.GuarOptions			
WSShipment2	String		Ignored on response.
.AvailableRates	J8		- Server our responses
.GuarOptions			
.ReferenceNumber			
WSShipment2	Enum		DetailReferenceType: 0 for Shipment, 1
.AvailableRates	2.13.11		for ServiceTicket, or 2 for
.GuarOptions			Miscellaneous.
.ReferenceNumberType			Ignored on response.
WSShipment2	String	Always	- Broken en respenser
.AvailableRates	36.11.8	7	
.GuarOptions .BillingCode			
WSShipment2	Enum	Always	ChargeCodeCategory: 0 for Freight, 1
.AvailableRates	Liidiii	Aiways	for Fuel, 2 for Accessorial, or 3 for
.GuarOptions .Category			Service.
WSShipment2	String	Always	Billing Code description.
.AvailableRates	Julis	Aiways	Billing Code description.
.GuarOptions .Description			
·	Docimal	Alverses	Pilling amount
WSShipment2 .AvailableRates	Decimal	Always	Billing amount
.GuarOptions .AmountDue	Committee	Canadian	A
WSShipment2	Complex	Conditional	As submitted
.AvailableRates			
.SelectedGuarOption		1	
WSShipment2	Complex	Always	As submitted
.SelectedRate	(multiple)		



WSShipment2 .BookedRate	Complex	Conditional	Present if no error in processing. See
woompment2 .bookeanate	(multiple)	Contactional	messages for errors
WSShipment2 . BookedRate	String	Always	For service mode Truckload =
.CarrierKey	368	7	"[Contract]"
WSShipment2 . BookedRate	String	Always	For service mode Truckload =
.CarrierName			"[Contract]"
WSShipment2 . BookedRate	String	Conditional	If present for carrier.
.CarrierScac	_		·
WSShipment2 . BookedRate	Decimal	Conditional	Present for service mode
.BilledWeight			LessThanTruckload, SmallPackage
WSShipment2 .BookedRate	Decimal	Conditional	Present for service mode
.RatedWeight			LessThanTruckload
WSShipment2.	Decimal	Conditional	Present for service mode
BookedRate.			LessThanTruckload
RatedCubicFeet	la.	Constitution	Proceed for any transport
WSShipment2 . BookedRate	Int	Conditional	Present for service mode
.TransitTime			LessThanTruckload, SmallPackage
WSShipment2	DateTime	Conditional	Present for service mode
.BookedRate	Daternine	Conditional	LessThanTruckload, SmallPackage.
.EstimatedDeliveryDate			Less man rackidad, small dekage.
,			
WSShipment2 . BookedRate	Enum	Always	ServiceMode: 0 for LessThanTruckload,
.ServiceMode			1 for Truckload, 2 for Air, 3 for Rail, 4
			for SmallPackage or 5 for NotApplicable
WSShipment2 . BookedRate	Decimal	Always	
.FreightCharges			
WSShipment2 . BookedRate	Decimal	Always	
.FuelCharges			
WSShipment2 . BookedRate	Decimal	Always	
.AccessorialCharges	_		
WSShipment2 . BookedRate	Decimal	Always	
.ServiceCharges	Destact	Alman	Company of Facility Field
WSShipment2 . BookedRate	Decimal	Always	Sum total of Freight, Fuel, Accessorial
.TotalCharges	Doginasi	Conditional	and Service charges.
WSShipment2 . BookedRate	Decimal	Conditional	If available
.Mileage WSShipment2 . BookedRate	Long	Conditional	If available
.MileageSourceKey	Long	Conditional	ii avaliable
WSShipment2 . BookedRate	String	Conditional	If available
.MileageSourceDescription	Julis	Conditional	ii avaliabie
WSShipment2 . BookedRate	Complex	Always	One or more charge billing detail
.BillingDetails	(multiple)	Always	breakdown
DimingDetails	(martiple)		DICURUOWII



WSShipment2 . BookedRate .BillingDetails .ReferenceNumber	String		Ignored on rate response.
WSShipment2 . BookedRate .BillingDetails .ReferenceNumberType	Enum		DetailReferenceType: 0 for Shipment, 1 for ServiceTicket, or 2 for Miscellaneous. Ignored on rate response.
WSShipment2 . BookedRate .BillingDetails .BillingCode	String	Always	
WSShipment2 . BookedRate .BillingDetails .Category	Enum	Always	ChargeCodeCategory: 0 for Freight, 1 for Fuel, 2 for Accessorial, or 3 for Service.
WSShipment2 . BookedRate .BillingDetails .Description	String	Always	Billing Code description.
WSShipment2 . BookedRate .BillingDetails .AmountDue	Decimal	Always	Billing amount
WSShipment2 . BookedRate .GuarOptions	Complex (multiple)	Conditional	One or more charge billing detail breakdown. As submitted
WSShipment2 . BookedRate .GuarOptions .ReferenceNumber	String	Always	
WSShipment2 . BookedRate .GuarOptions .ReferenceNumberType	Enum	Always	DetailReferenceType: 0 for Shipment, 1 for ServiceTicket, or 2 for Miscellaneous.
WSShipment2 . BookedRate .GuarOptions .BillingCode	String	Always	
WSShipment2 . BookedRate .GuarOptions .Category	Enum	Always	ChargeCodeCategory: 0 for Freight, 1 for Fuel, 2 for Accessorial, or 3 for Service.
WSShipment2 . BookedRate .GuarOptions .Description	String	Always	Billing Code description.
WSShipment2 . BookedRate .GuarOptions .AmountDue	Decimal	Always	Billing amount
WSShipment2 . BookedRate .SelectedGuarOption	Complex	Conditional	One or more charge billing detail breakdown. Present if request had SelectedRate with SelectedGuarOption
WSShipment2 . BookedRate .SelectedGuarOption .ReferenceNumber	String	Always	
WSShipment2 . BookedRate .SelectedGuarOption .ReferenceNumberType	Enum	Always	DetailReferenceType: 0 for Shipment, 1 for ServiceTicket, or 2 for Miscellaneous.



MCChina and D. L. Inc.	CL :	A1 .	
WSShipment2 . BookedRate	String	Always	
.SelectedGuarOption			
.BillingCode			
WSShipment2 . BookedRate	Enum	Always	ChargeCodeCategory: 0 for Freight, 1
.SelectedGuarOption			for Fuel, 2 for Accessorial, or 3 for
.Category			Service.
WSShipment2 . BookedRate	String	Always	Billing Code description.
.SelectedGuarOption			
.Description			
WSShipment2 . BookedRate	Decimal	Always	Billing amount
.SelectedGuarOption			
.AmountDue			
WSShipment2	Complex	Conditional	If no errors, will contain bill of lading
.ReturnConfirmations	(multiple)		(and small package shipping label for
			SmallPackage service mode).
WSShipment2	Enum	Always	DocumentType: 0 for Pdf, 1 for Html, 2
.ReturnConfirmations			for Png or 3 for Gif.
.DocType			
WSShipment2	Byte[]	Always	Document content in binary.
.ReturnConfirmations			
.DocImage			
WSShipment2	String	Conditional	Currently Ignored. May be available as
.ReturnConfirmations .Html			bill of lading in html format.
WSShipment2	String	Always	Document name.
.ReturnConfirmations			
.Name			
WSShipment2.	Boolean	Always	True if Messages contains at least one
ContainsErrorMessage			error message. False otherwise.
WSShipment2 .Messages	Complex	Conditional	Zero or more errors if present. Can be
]	(multiple)		null.
WSShipment2 .Messages	String	Always	Error message.
.Value			Č
WSShipment2 .Messages	Enum	Always	MessageType is: 0 for Error, 1 for
.Type			Information, 2 for Warning, and 3 for
"			Null.
	<u> </u>	1	



2.27 ConvertQuoteToShipment

2.27.1 URL

Method: POST

URL: /ConvertQuoteToShipment.aspx

2.27.2 Description

Converts the quote with the specified Quote Number into a shipment.

2.27.3 Input

```
{
     "quoteNumber"
}
```

ConvertQuoteToShipment Request

Field	Туре	Required/ Optional	Description
quoteNumber	String	Always	The reference number of the quote to
			turn into a shipment.

```
2.27.4 Output
```

```
{
        "BookingReferenceNumber": "SHIP123",
        "BookingReferenceNumberType": 2,
        "Origin": {
                "Description": null,
                "Street": null,
                "StreetExtra": null,
"PostalCode": "16508",
                "City": "Erie",
                "State": null,
                "Country": {
                         "Code": "US",
                         "Name": "United States",
                         "UsesPostalCode": true
                "SpecialInstructions": null,
                "GeneralInfo": null,
                "Direction": null,
                "Email": null,
```

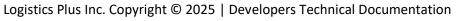
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```
"Contact": null,
       "Phone": null,
       "Fax": null,
       "Mobile": null,
       "ContactComment": null
"Destination": {
       "Description": null,
       "Street": null,
       "StreetExtra": null,
       "PostalCode": "12345",
       "City": "Erie",
       "State": null,
       "Country": {
                "Code": "US",
                "Name": "United States",
                "UsesPostalCode": true
       "SpecialInstructions": null,
       "GeneralInfo": null,
       "Direction": null,
       "Email": null,
       "Contact": null,
       "Phone": null,
       "Fax": null,
       "Mobile": null,
       "ContactComment": null
"ReferenceNumber": null,
"PurchaseOrder": null,
"ShipperBOL": null,
"OverrideApiRatingDates": false,
"DisableApiBookingNotifications": false,
"CustomReferences": null,
"ShipmentDate": "2018-03-12T10:09:19.6570095-04:00",
"EarliestPickup": {
       "Time": "08:00"
},
"LatestPickup": {
       "Time": "17:00"
"EarliestDelivery": null,
"LatestDelivery": null,
"Items": [{
                "Weight": 1000.0,
                "PackagingQuantity": 1,
                "SaidToContain": 1,
                "Height": 40.0,
                "Width": 48.0,
                "Length": 48.0,
                "Stackable": false,
                "HazardousMaterial": false,
                "DeclaredValue": 100.0,
                "Description": "Test Type",
```

```
"Comment": "",
               "NationalMotorFreightClassification": "",
               "HarmonizedTariffSchedule": "",
               "Packaging": {
                      "Key": 258,
                      "PackageName": "Pallets",
                      "DefaultLength": 0.0,
                      "DefaultHeight": 0.0,
                      "DefaultWidth": 0.0
               "FreightClass": {
                      "FreightClass": 77.5
               }
       }
],
"Accessorials": null,
"DeclineAdditionalInsuranceIfApplicable": true,
"HazardousMaterialShipment": false,
"HazardousMaterialContactName": null,
"HazardousMaterialContactPhone": null,
"HazardousMaterialContactMobile": null,
"HazardousMaterialContactEmail": null,
"AvailableRates": null,
"SelectedRate": {
               "CarrierKey": "63",
               "CarrierName": "Con Way",
               "CarrierScac": "CNWY",
               "BilledWeight": 1000.0,
               "RatedWeight": 1000.0,
               "TransitTime": 1,
               "EstimatedDeliveryDate": "2018-02-26T17:00:00-05:00",
               "ServiceMode": 0,
               "FreightCharges": 178.9452000000,
               "FuelCharges": 45.30892464000000,
               "AccessorialCharges": 0.0,
               "ServiceCharges": 0.0,
               "TotalCharges": 224.25412464000000,
               "Mileage": 0.0,
               "MileageSourceKey": 0,
               "MileageSourceDescription": null,
               "BillingDetails": [{
                              "ReferenceNumber": "",
                              "ReferenceType": 2,
                              "BillingCode": "DILTL",
                              "Description": "LTL FREIGHT",
                              "Category": 0,
                              "AmountDue": 178.9452000000
                      }, {
                              "ReferenceNumber": "",
                              "ReferenceType": 2,
                              "BillingCode": "FS",
                              "Description": "FUEL",
                              "Category": 1,
```

ConvertQuoteToShipment Response

Field	Туре	Returned	Description
WSShipment2	Complex	Always	
WSShipment2	String	Conditional	Present unless errors in processing. See
.BookingReferenceNumber			message for errors.
WSShipment2	String	Conditional	Present unless errors in processing. See
.BookingReferenceNumberT			message for errors.
уре			
WSShipment2 .Origin	Complex	Always	
WSShipment2 .Origin	String	Always	As submitted.
.Description			
WSShipment2 .Origin	String	Always	As submitted.
.Street			
WSShipment2 .Origin	String	Always	As submitted.
.StreetExtra			
WSShipment2 .Origin	String	Always	As submitted.
.PostalCode			
WSShipment2 .Origin .City	String	Always	As submitted
WSShipment2 .Origin .State	String	Always	As submitted.
WSShipment2 .Origin	Complex	Always	
.Country			
WSShipment2 .Origin	String	Always	As submitted.
.Country.Code			
WSShipment2 .Origin	String	Conditional	If submitted.
.Country.Name			
WSShipment2.Origin	Boolean	Always	As submitted.
.Country.UsesPostalCode			



WSShipment2.Origin	Ctring	Conditional	If submitted.
.SpecialInstructions	String	Conditional	ii subillittea.
•	Chuin	Canditional	If a charith a d
WSShipment2.Origin .GeneralInfo	String	Conditional	If submitted.
	Chaire	Constitution of	If a leading of
WSShipment2.Origin	String	Conditional	If submitted.
.Direction	C	6 1	16 1
WSShipment2.Origin .Email	String	Conditional	If submitted.
WSShipment2.Origin	String	Always	As submitted.
.Contact			
WSShipment2.Origin	String	Always	As submitted.
.Phone			
WSShipment2.Origin .Fax	String	Conditional	If submitted.
WSShipment2.Origin	String	Conditional	If submitted.
.Mobile			
WSShipment2.Destination	Complex	Always	
WSShipment2. Destination	String	Always	As submitted.
.Description			
WSShipment2. Destination	String	Always	As submitted.
.Street			
WSShipment2. Destination	String	Always	As submitted.
.StreetExtra			
WSShipment2. Destination	String	Always	As submitted.
.PostalCode			
WSShipment2. Destination	String	Always	As submitted.
.City			
WSShipment2. Destination	String	Always	As submitted.
.State			
WSShipment2. Destination	Complex	Always	
.Country			
WSShipment2. Destination	String	Always	As submitted.
.Country.Code			
WSShipment2. Destination	String	Conditional	If submitted.
.Country.Name			
WSShipment2. Destination	Boolean	Conditional	As submitted.
.Country.UsesPostalCode			
WSShipment2. Destination	String	Conditional	If submitted.
.SpecialInstructions			
WSShipment2. Destination	String	Conditional	If submitted.
.GeneralInfo			
WSShipment2. Destination	String	Conditional	If submitted.
.Direction			



MCChinmont2 Destination	Chuina	Conditional	If a charitha d
WSShipment2. Destination	String	Conditional	If submitted.
.Email	Chaire	Alman	A
WSShipment2. Destination	String	Always	As submitted.
.Contact			
WSShipment2. Destination	String	Always	As submitted.
.Phone			
WSShipment2. Destination	String	Conditional	If submitted.
.Fax			
WSShipment2. Destination	String	Conditional	If submitted.
.Mobile			
WSShipment2.Destination	String	Conditional	If submitted.
.ContactComment			
WSShipment2.ReferenceNu	String	Conditional	If submitted.
mber			
WSShipment2.PurchaseOrd	String	Conditional	If submitted.
er			
WSShipment2 .ShipperBOL	String	Conditional	If applicable to account.
WSShipment2	Complex	Conditional	If submitted.
.CustomerReferences	(multiple)		
WSShipment2	String	Always	As submitted.
.CustomerReferences			
.Name			
WSShipment2	String	Conditional	If submitted.
.CustomerReferences .Value			
WSShipment2	Boolean	Always	As submitted.
.CustomerReferences			
.Required			
WSShipment2	DateTime	Always	As submitted.
.DesiredShipmentDate			
WSShipment2	Complex	Always	As submitted.
.EarliestPickup	-		
WSShipment2.EarliestPicku	String	Always	
p .Time	-		
WSShipment2 .LatestPickup	Complex	Always	As submitted
WSShipment2 .LatestPickup	String	Always	
.Time		_	
WSShipment2	Complex	Always	As submitted.
.EarliestDelivery	, -		
,			
WSShipment2	String	Always	
.EarliestDelivery .Time	- 3 6		
WSShipment2	Complex	Always	As submitted.
.LatestDelivery	Complex	, liveay 3	7.5 Sabinitied.
-Lucest Delivery			



WSShipment2	String	Always	
.LatestDelivery .Time			
WSShipment2 .Items	Complex (multiple)	Always	
WSShipment2 .Items .Weight	Decimal	Always	As submitted.
WSShipment2 .Items .PackagingQuantity	Int	Always	As submitted.
WSShipment2 .Items .SaidToContain	Int	Conditional	As submitted.
WSShipment2 .Items .Length	Decimal	Always	As submitted.
WSShipment2 .Items .Width	Decimal	Always	As submitted.
WSShipment2 .Items .Height	Decimal	Always	As submitted.
WSShipment2 .Items .Stackable	Boolean	Always	As submitted.
WSShipment2 .Items .HazardousMaterial	Boolean	Always	As submitted.
WSShipment2 .Items .DeclaredValue	Decimal	Always	As submitted.
WSShipment2 .Items .Description	String	Always	As submitted.
WSShipment2 .Items .Comments	String	Conditional	
WSShipment2 .Items .NationalMotorFreight Classification	String	Conditional	If submitted.
WSShipment2 .Items .HarmonizedTariffSchedule	String	Conditional	If submitted.
WSShipment2 .Items .Packaging	Complex	Always	
WSShipment2 .Items .Packaging .Key	Long	Always	
WSShipment2 .Items .Packaging .PackageName	String	Conditional	
WSShipment2 .Items .Packaging .DefaultLength	Decimal	Conditional	
WSShipment2 .Items .Packaging .DefaultWidth	Decimal	Conditional	
WSShipment2 .Items .Packaging .DefaultHeight	Decimal	Conditional	



WSShipment2 .Items	Complex	Conditional	If submitted.
.FreightClass			
WSShipment2 .Items .FreightClass .FreightClass	Double	Always	
WSShipment2 .Accessorials	Complex (multiple)	Conditional	If submitted.
WSShipment2 .Accessorials .ServiceCode	String	Always	
WSShipment2 .Accessorials .ServiceDescription	String	Conditional	As submitted
WSShipment2 .Accessorials .BillingCode	String	Conditional	As submitted
WSShipment2 .DeclineAdditionalInsurance IfApplicable	Boolean	Always	As submitted.
WSShipment2 .HazardousMaterialShipme nt	Boolean	Always	As submitted.
WSShipment2 .HazardousMaterialContact Name	String	Always	As submitted.
WSShipment2 .HazardousMaterialContact Phone	String	Always	As submitted.
WSShipment2 .HazardousMaterialContact Mobile	String	Conditional	If submitted.
WSShipment2 .HazardousMaterialContact Email	String	Conditional	If submitted.
WSShipment2 .AvailableRates	Complex (multiple)	Conditional	Zero or more rates available for shipment configuration. Can be null in case of errors.
WSShipment2 .AvailableRates .CarrierKey	String	Always	For service mode Truckload = "[Contract]"
WSShipment2 .AvailableRates .CarrierName	String	Always	For service mode Truckload = "[Contract]"
WSShipment2 .AvailableRates .CarrierScac	String	Conditional	If present for carrier.
WSShipment2 .AvailableRates .BilledWeight	Decimal	Conditional	Present for service mode LessThanTruckload, SmallPackage



WSShipment2 .AvailableRates .RatedWeight	Decimal	Conditional	Present for service mode LessThanTruckload	
WSShipment2 .AvailableRates .RatedCubicFeet	Decimal	Conditional	Present for service mode LessThanTruckload	
WSShipment2 .AvailableRates .TransitTime	Int	Conditional	Present for service mode LessThanTruckload, SmallPackage	
WSShipment2 .AvailableRates .EstimatedDeliveryDate	DateTime	Conditional	Present for service mode LessThanTruckload, SmallPackage.	
WSShipment2 .AvailableRates .ServiceMode	Enum	Always	ServiceMode: 0 for LessThanTruckload, 1 for Truckload, 2 for Air, 3 for Rail, 4 for SmallPackage or 5 for NotApplicable	
WSShipment2 .AvailableRates .FreightCharges	Decimal	Always		
WSShipment2 .AvailableRates .FuelCharges	Decimal	Always		
WSShipment2 .AvailableRates .AccessorialCharges	Decimal	Always		
WSShipment2 .AvailableRates .ServiceCharges	Decimal	Always		
WSShipment2 .AvailableRates .TotalCharges	Decimal	Always	Sum total of Freight, Fuel, Accessorial and Service charges.	
WSShipment2 .AvailableRates .Mileage	Decimal	Conditional	If available	
WSShipment2 .AvailableRates .MileageSourceKey	Long	Conditional	If available	
WSShipment2 .AvailableRates .MileageSourceDescription	String	Conditional	If available	
WSShipment2 .AvailableRates .BillingDetails	Complex (multiple)	Always	One or more charge billing detail breakdown	

	T	1	T
WSShipment2	String		Ignored on rate response.
.AvailableRates			
.BillingDetails			
.ReferenceNumber			
WSShipment2	Enum		DetailReferenceType: 0 for Shipment, 1
.AvailableRates			for ServiceTicket, or 2 for
.BillingDetails			Miscellaneous.
.ReferenceNumberType			Ignored on rate response.
WSShipment2	String	Always	
.AvailableRates			
.BillingDetails .BillingCode			
WSShipment2	Enum	Always	ChargeCodeCategory: 0 for Freight, 1
.AvailableRates			for Fuel, 2 for Accessorial, or 3 for
.BillingDetails .Category		<u></u>	Service.
WSShipment2	String	Always	Billing Code description.
.AvailableRates			
.BillingDetails .Description	<u></u>	<u></u>	
WSShipment2	Decimal	Always	Billing amount
.AvailableRates			
.BillingDetails .AmountDue			
WSShipment2	Complex	Conditional	One or more charge billing detail
.AvailableRates	(multiple)		breakdown. Present if available
.GuarOptions			
WSShipment2	String		Ignored on response.
.AvailableRates			
.GuarOptions			
.ReferenceNumber	<u></u>	<u></u>	
WSShipment2	Enum		DetailReferenceType: 0 for Shipment, 1
.AvailableRates			for ServiceTicket, or 2 for
.GuarOptions			Miscellaneous.
.ReferenceNumberType	<u></u>	<u></u>	Ignored on response.
WSShipment2	String	Always	
.AvailableRates			
.GuarOptions .BillingCode			
WSShipment2	Enum	Always	ChargeCodeCategory: 0 for Freight, 1
.AvailableRates			for Fuel, 2 for Accessorial, or 3 for
.GuarOptions .Category			Service.
WSShipment2	String	Always	Billing Code description.
.AvailableRates			
.GuarOptions .Description	<u></u>	<u>L</u>	
WSShipment2	Decimal	Always	Billing amount
.AvailableRates		·	
.GuarOptions .AmountDue			
	<u>i</u>		



WSShipment2	Complex	Conditional	As submitted	
.AvailableRates	Complex	Contactional	7.6 3431111111111	
.SelectedGuarOption				
WSShipment2	Complex	Always	As submitted	
.SelectedRate	(multiple)	7		
WSShipment2 .BookedRate	Complex	Conditional	Present if no error in processing. See	
	(multiple)		messages for errors	
WSShipment2 . BookedRate	String	Always	For service mode Truckload =	
.CarrierKey			"[Contract]"	
WSShipment2 . BookedRate	String	Always	For service mode Truckload =	
.CarrierName	J	,	"[Contract]"	
WSShipment2 . BookedRate	String	Conditional	If present for carrier.	
.CarrierScac	J		•	
WSShipment2 . BookedRate	Decimal	Conditional	Present for service mode	
.BilledWeight			LessThanTruckload, SmallPackage	
WSShipment2 .BookedRate	Decimal	Conditional	Present for service mode	
.RatedWeight			LessThanTruckload	
WSShipment2.	Decimal	Conditional	Present for service mode	
BookedRate.			LessThanTruckload	
RatedCubicFeet				
WSShipment2 . BookedRate	Int	Conditional	Present for service mode	
.TransitTime			LessThanTruckload, SmallPackage	
WSShipment2	DateTime	Conditional	Present for service mode	
.BookedRate			LessThanTruckload, SmallPackage.	
.EstimatedDeliveryDate				
WSShipment2 . BookedRate	Enum	Always	ServiceMode: 0 for LessThanTruckload,	
.ServiceMode			1 for Truckload, 2 for Air, 3 for Rail, 4	
			for SmallPackage or 5 for NotApplicable	
WSShipment2 . BookedRate	Decimal	Always		
.FreightCharges	5			
WSShipment2 . BookedRate	Decimal	Always		
.FuelCharges	B I	A1 .		
WSShipment2 . BookedRate	Decimal	Always		
.AccessorialCharges	Danimal	Alma		
WSShipment2 . BookedRate	Decimal	Always		
.ServiceCharges	Danimal	Alma	Compared of English English State Compared	
WSShipment2 . BookedRate	Decimal	Always	Sum total of Freight, Fuel, Accessorial	
.TotalCharges	B I	0	and Service charges.	
WSShipment2 . BookedRate	Decimal	Conditional	If available	
.Mileage				



WSShipment2 . BookedRate .MileageSourceKey	Long	Conditional	If available	
WSShipment2 . BookedRate . MileageSourceDescription	String	Conditional	If available	
WSShipment2 . BookedRate .BillingDetails	Complex (multiple)	Always	One or more charge billing detail breakdown	
WSShipment2 . BookedRate .BillingDetails	String		Ignored on rate response.	
.ReferenceNumber WSShipment2 . BookedRate .BillingDetails .ReferenceNumberType	Enum		DetailReferenceType: 0 for Shipment, 1 for ServiceTicket, or 2 for Miscellaneous.	
WSShipment2 . BookedRate .BillingDetails .BillingCode	String	Always	Ignored on rate response.	
WSShipment2 . BookedRate .BillingDetails .Category	Enum	Always	ChargeCodeCategory: 0 for Freight, 1 for Fuel, 2 for Accessorial, or 3 for Service.	
WSShipment2 . BookedRate .BillingDetails .Description	String	Always	Billing Code description.	
WSShipment2 . BookedRate .BillingDetails .AmountDue	Decimal	Always	Billing amount	
WSShipment2 . BookedRate .GuarOptions	Complex (multiple)	Conditional	One or more charge billing detail breakdown. As submitted	
WSShipment2 . BookedRate .GuarOptions .ReferenceNumber	String	Always		
WSShipment2 . BookedRate .GuarOptions .ReferenceNumberType	Enum	Always	DetailReferenceType: 0 for Shipment, 1 for ServiceTicket, or 2 for Miscellaneous.	
WSShipment2 . BookedRate .GuarOptions .BillingCode	String	Always		
WSShipment2 . BookedRate .GuarOptions .Category	Enum	Always	ChargeCodeCategory: 0 for Freight, 1 for Fuel, 2 for Accessorial, or 3 for Service.	
WSShipment2 . BookedRate .GuarOptions .Description	String	Always	Billing Code description.	
WSShipment2 . BookedRate .GuarOptions .AmountDue	Decimal	Always	Billing amount	
WSShipment2 . BookedRate .SelectedGuarOption	Complex	Conditional	One or more charge billing detail breakdown. Present if request had SelectedRate with SelectedGuarOption	

WSShipment2 . BookedRate	String	Always	
.SelectedGuarOption .ReferenceNumber			
WSShipment2 . BookedRate	Enum	Always	DetailReferenceType: 0 for Shipment, 1
.SelectedGuarOption			for ServiceTicket, or 2 for
.ReferenceNumberType			Miscellaneous.
WSShipment2 . BookedRate	String	Always	
.SelectedGuarOption			
.BillingCode			
WSShipment2 . BookedRate	Enum	Always	ChargeCodeCategory: 0 for Freight, 1
.SelectedGuarOption			for Fuel, 2 for Accessorial, or 3 for
.Category			Service.
WSShipment2 . BookedRate	String	Always	Billing Code description.
.SelectedGuarOption			
.Description			
WSShipment2 . BookedRate	Decimal	Always	Billing amount
.SelectedGuarOption	D comman	7	
.AmountDue			
WSShipment2	Complex	Conditional	If no errors, will contain bill of lading
.ReturnConfirmations	(multiple)		(and small package shipping label for
			SmallPackage service mode).
WSShipment2	Enum	Always	DocumentType: 0 for Pdf, 1 for Html, 2
.ReturnConfirmations			for Png or 3 for Gif.
.DocType			
WSShipment2	Byte[]	Always	Document content in binary.
.ReturnConfirmations	2,00[]	7	, , , , , , , , , , , , , , , , , , , ,
.DocImage			
WSShipment2	String	Conditional	Currently Ignored. May be available as
.ReturnConfirmations .Html			bill of lading in html format.
WSShipment2	String	Always	Document name.
.ReturnConfirmations			
.Name			
WSShipment2.	Boolean	Always	True if Messages contains at least one
ContainsErrorMessage			error message. False otherwise.
WSShipment2 .Messages	Complex	Conditional	Zero or more errors if present. Can be
	(multiple)		null.
WSShipment2 .Messages	String	Always	Error message.
.Value			



WSShipment2 .Messages	Enum	Always	MessageType is: 0 for Error, 1 for	
.Туре			Information, 2 for Warning, and 3 for	
			Null.	

2.28 UpdateVendorProNumber

2.28.1 URL

Method: POST

URL: /UpdateVendorProNumber.aspx

2.28.2 Description

Updates the PRO Number for a vendor on a shipment/quote.

2.28.3 Input

```
{
          "ReferenceNumber": "shipmentNumber",
          "VendorScac": "VendorScac",
          "VendorProNumber": "VendorProNumber"
}
```

UpdateVendorProNumber Request

Field	Туре	Required/ Optional	Description
ReferenceNumber	String	Required	Refence Number for the shipment/quote.
VendorScac	String	Required	The SCAC of the Vendor whose PRO number you wish to update.
VendorProNumber	String	Required	The PRO Number to apply to the matching vendor.

2.28.4 Output

```
{
    "ReferenceNumber": "shipmentNumber",
    "VendorScac": "VendorScac",
    "VendorProNumber": "VendorProNumber",
    "Messages": null,
    "ContainsErrorMessage": false
}
```



UpdateVendorProNumber Response

Field	Туре	Returned	Description
WSVendorProNumber	Complex	Always	
WSVendorProNumber.ReferenceNumber	String	Always	As supplied.
WSVendorProNumber.VendorScac	String	Always	As supplied.
WSVendorProNumber.VendorProNumber	String	Always	As supplied.
WSVendorProNumber. ContainsErrorMessage	String	Always	True if Messages contains at least one error message. False otherwise.
WSVendorProNumber.Messages	Complex (multiple)	Conditional	If messages are present. Can be null.
WSVendorProNumber.Messages.Value	String	Always	Message value.
WSVendorProNumber.Messages.Type	Enum	Always	MessageType is: 0 for Error, 1 for Information, 2 for Warning, and 3 for Null.

3. Appendix

3.1 Check Call Codes

```
A3 = shipment returned to shipper
A7 = refuled by consignee
A9 = shipment damaged
AF = carrier departed pickup-up locaiton with shipment
AG = estimated delivery
AH = attempted delivery
AI = shipemtn has been reconsigned
AJ = tendered for delivery
AM = loaded on truck
AN = diverted to air carrier
AP = delivery not completed
AR = rail arrival at destination intermodal ramp
AV = available for delivery
B6 = estimated to arrive at carrier terminal
BA = connecting line or cartage pick-up
BC = stoarege in transit
C1 = estimated to depart terminal location
CA = shipment cnacelled
CD = carrier departed dlivery location
CL = trailer closed out
CP = complted loading at pick-up location
D1 = complted unloading at delivery location
I1 = in-qate
J1 = delivered to connecting line
K1 = arrived at customs
L1 = loading
OA = out-gate
00 = paperwork received - did not recieve shipment or equipment
P1 = departed terminal location
PR = U.S. customes hold at origin intermodal ramp
R1 = received from prior carrier
RL = rail departure from origin intermodal ramp
S1 = trailer spotted at consignee's location
SD = shipmetn delayed
X1 = arrived at delivery location
X2 = estimated date and/or time of arrival at consigne's location
X3 = arrvied at pick-up location
X4 = arrived at terminal location
X5 = arrvied at delivery location loading dock
X6 = en route to delivery location
X8 = arrived at pick-up locaiton loading dock
XB = shipment acknowledged
```

3.2 Usage Suggestions (c#)

3.2.1 Authentication Token:

3.2.1 Wrapper

It is recommended that you encapsulate your integration in a wrapper to assist in parsing information. This includes the creation of objects to match the request/responses from the various service calls. Libraries such as JsonConvert can assist with JSON serialization/deserialization.

3.2.2 Service Calls

It is suggested that messages are always checked on service calls.



3.2.3 Tips and Best Practices

It is suggested that you request a separate username and password combination for use with the web service API. eShipPlus v4.x is equipped with auto-reporting so having this separation could become useful in the event you desire to retrieve shipment information that have come via the web services.

3.3 Additional Support

3.3.1 Developer Access Request page in eShipPlus web application

Additional support is available on the Developer Access Request page in eShipPlus web application (). Available here:

- Windows Form application code sample (C# .Net 3.5)
- Email function for support

3.3.2 Software Application Provider

Additional support is also available by contacting Logistics Plus Inc's software development team (http://www.logisticsplus.net).

