Shipment API Reference Guide

September 2022

Contents

Introduction

Sendflex provides customers with access to a highly-performant and highly-available Rest API for shipment planning and execution purposes.

Customers can pack, rate, ship, apply business rules, void, and track orders and shipments using the API.

The Sendflex API uses standard HTTP response codes, authentication, and verbs.

Authentication

The Sendflex API requires an API key to process transactions. Customer administrators with the appropriate permissions can create and change API keys as needed, using their Sendflex UI login.

The API must be passed as an HTTP header, using the key name `X-API-Key` .

All API requests must be made over HTTPS.

Transactions

Plan (rate, pack, business rules)

Overview

The plan transaction is used to rate / rate shop, pack, apply business rules and/or other considerations, for the purposes of planning shipments and analysis.

The client presents order and line item information or details about a shipment to the API and receives detailed shipment information in response.

For walk-throughs on the various use cases such as packing, rating, or rating with instructions, see the following pages:

[Request rates](#)

[Request packing](#)

Transaction Details

Endpoint Information

URL

https://{sendflex environment}/shipment/plan

HTTP Method

`POST`

HTTP Headers

Key	Value
Content-Type	application/json
X-API-Key	(Customer API key here)

Accepts

[Shipment](#) object

Responds With

[Shipment](#) object (updated)

Data Overview

Address Information

When rating or rate shopping, address information is required to indicate where the shipment is being picked up and delivered to.

Addresses are provided as an array of [Address](#) using the `Addresses` field, located within the [Shipment](#) object.

Ship Via Information

When rating or rate shopping, one or more ship via (carrier service) options can be specified in the Plan request or setup as default options in Sendflex for the pickup location used. Options passed in the Plan request will automatically override any default options configured.

For each ship via option that is specified (or setup as a default option), Sendflex will attempt to validate and rate the option, apply any business rules configured and either rank or disqualify the option and return this information in the response.

In response, the ship via options will be updated and data will be returned to the client with information as to whether or not the option qualified, whether it was selected, any rates (when applicable), transit time information (when

applicable), a ranking amongst other options (when applicable), and any message from the carrier or from business rules to display.

Ship vias are provided as an array of ShipVia, using the `shipViaOptions` field in the Shipment object.

Shipping Unit Information
When rating or rate shopping (without requesting pack functionality), details about how items are packed, size and weight of the container(s), # of containers, etc must be supplied in the request.

Shipping units are provided as an array of ShippingUnit, using the `shippingUnits` field in the Shipment object.

Item Information
When rating or rate shopping certain international, hazardous, and other special scenario shipments, information about the items being shipped must be provided for each shipping unit.

Items are provided as an array of Item, using the `items` field in the ShippingUnit object.

Instructions (business rules)
Instructions are used to apply additional considerations to the packing, rating or rate shopping process. Instructions that are setup as default options for the pickup location will run automatically. Instructions can also be specified in the Plan request. When supplied, this will override any default options configured.

Add-on Services
Many carriers support additional services or accessorials such as delivery confirmation, saturday delivery, etc. These options can be applied to the shipment as a whole, or to individual shipping units, depending on the type of service.

Add-on services are provided as an array of CarrierAddOn, using the `carrierAddOns` field in either the ShippingUnit or Shipment objects.

Order Information
Order information is used to associate an order or orders to a shipment. This data can also be used to drive business rules and other functionality.

Order information is provided as an array of Order, using the `orders` field in the Shipment object.

Pack Information
When packing, information about items being shipped, available container types, pack preferences and/or rules must be provided.

Pack information is provided as a Packing object, using the `packing` field in the Shipment object.

Document Information
When packing, packing instructions can be found here in the form of images and animations.

Documents are returned as an array of Document, within the `documents` field in the ShippingUnit object.

Book (ship)

Overview

The book transaction is used to book or ship shipments while also optionally packing, rate shopping, applying business rules, and/or other considerations.

The client presents order and line item information or details about a shipment to the API and receives detailed shipment information in response.

For walk-throughs on shipping, see the following page:

[Request a shipment](#)

Transaction Details

Endpoint Information

URL
https://{sendflex environment}/shipment/book

HTTP Method
`POST`

HTTP Headers

Key	Value
Content-Type	application/json
X-API-Key	(Customer API key here)

Accepts
[Shipment](#) object

Responds With
[Shipment](#) object (updated)

Data Overview

Address Information
When booking, address information is required to indicate where the shipment is being picked up and delivered. Other address information may be provided as well, depending on the type of shipment being requested.

Addresses are provided as an array of [Address](#) using the `Addresses` field, located within the [Shipment](#) object.

Ship Via Information
When booking, one or more ship via (carrier service) options can be specified in the Book request or setup as default options in Sendflex for the pickup location used. Options passed in the Book request will automatically override any default options configured.

For each ship via option that is specified (or setup as a default option), Sendflex will attempt to validate and rate the option, apply any business rules configured and either rank or disqualify the option and return this information in the response.

In response, the ship via options will be updated and data will be returned to the client with information as to whether or not the option qualified, whether it was selected, any rates (when applicable), transit time information (when applicable), a ranking amongst other options (when applicable), and any message from the carrier or from business rules to display.

To complete the booking, at least one ship via must be qualified. In this case, the system will choose the best option based on customer preferences, and attempt to book the shipment.

Ship vias are provided as an array of ShipVia, using the `shipViaOptions` field in the Shipment object.

Shipping Unit Information
When booking (without requesting pack functionality), details about how items are packed, size and weight of the container(s), # of containers, etc must be supplied in the request.

Shipping units are provided as an array of ShippingUnit, using the `shippingUnits` field in the Shipment object.

Item Information
When shipping certain international, hazardous, and other special scenario shipments, information about the items being shipped must be provided for each shipping unit.

Items are provided as an array of Item, using the `items` field in the ShippingUnit object.

Instructions (business rules)
Instructions are used to apply additional considerations to the booking process. Instructions that are setup as default options for the pickup location will run automatically. Instructions can also be specified in the Book request. When supplied, this will override any default options configured.

Add-on Services
Many carriers support additional services or accessorials such as delivery confirmation, saturday delivery, etc. These options can be applied to the shipment as a whole, or to individual shipping units, depending on the type of service.

Add-on services are provided as an array of CarrierAddOn, using the `carrierAddOns` field in either the ShippingUnit or Shipment objects.

Order Information
Order information is used to associate an order or orders to a shipment. This data can also be used to drive business rules and other functionality.

Order information is provided as an array of Order, using the `orders` field in the Shipment object.

Pack Information
When packing, information about items being shipped, available container types, pack preferences and/or rules must be provided.

Pack information is provided as a Packing object, using the `packing` field in the Shipment object.

Document Information
When packing, packing instructions can be found here in the form of images and animations.

When booking, shipment documentation such as labels, bill of ladings, customs forms, etc can be found here. These documents can be returned per shipping unit or for the shipment as a whole.

Documents are returned as an array of Document, within the `documents` field in the ShippingUnit and Shipment objects.

Cancel (void)

Overview

The cancel transaction is used to void a shipment that has been processed through Sendflex but not yet picked up by the carrier.

For walk-throughs on voiding, see the following page:

[Cancel a shipment](#)

Transaction Details

Endpoint Information

URL

https://{sendflex environment}/shipment/cancel

HTTP Method

POST

HTTP Headers

Key	Value
Content-Type	application/json
X-API-Key	(Customer API key here)

Accepts

Query Parameters

Key	Value
id	The shipment id to cancel
trackingNumber	The tracking number to cancel

Responds With

[Result](#) object

Return

Overview

The return transaction is used for processing returns.

The client presents details about a shipment to the API and receives detailed shipment information in response.

Transaction Details

Endpoint Information

URL

https://{sendflex environment}/shipment/return

HTTP Method

`POST`

HTTP Headers

Key	Value
Content-Type	application/json
X-API-Key	(Customer API key here)

Accepts

Shipment object

Responds With

Shipment object (updated)

Data Overview

Address Information

When booking a return, address information is required to indicate where the shipment is being picked up and delivered. Other address information may be provided as well, depending on the type of shipment being requested.

Addresses are provided as an array of Address using the `Addresses` field, located within the Shipment object.

Ship Via Information

When booking a return, one or more ship via (carrier service) options can be specified in the Return request or setup as default options in Sendflex for the pickup location used. Options passed in the Return request will automatically override any default options configured.

For each ship via option that is specified (or setup as a default option), Sendflex will attempt to validate and rate the option, apply any business rules configured and either rank or disqualify the option and return this information in the response.

In response, the ship via options will be updated and data will be returned to the client with information as to whether or not the option qualified, whether it was selected, any rates (when applicable), transit time information (when applicable), a ranking amongst other options (when applicable), and any message from the carrier or from business rules to display.

To complete the return booking, at least one ship via must be qualified. In this case, the system will choose the best option based on customer preferences, and attempt to book the return.

Ship vias are provided as an array of ShipVia, using the `shipViaOptions` field in the Shipment object.

Shipping Unit Information

When booking a return, details about how items are packed, size and weight of the container(s), # of containers, etc must be supplied in the request.

Shipping units are provided as an array of ShippingUnit, using the `shippingUnits` field in the Shipment object.

Item Information

When shipping certain international, hazardous, and other special scenario shipments, information about the items being shipped must be provided for each shipping unit.

Items are provided as an array of Item, using the `items` field in the ShippingUnit object.

Instructions (business rules)

Instructions are used to apply additional considerations to the return booking process. Instructions that are setup as default options for the pickup location will run automatically. Instructions can also be specified in the Return request. When supplied, this will override any default options configured.

Add-on Services

Many carriers support additional services or accessorials such as delivery confirmation, saturday delivery, etc. These options can be applied to the shipment as a whole, or to individual shipping units, depending on the type of service.

Add-on services are provided as an array of CarrierAddOn, using the `carrierAddOns` field in either the ShippingUnit or Shipment objects.

Order Information

Order information is used to associate an order or orders to a shipment. This data can also be used to drive business rules and other functionality.

Order information is provided as an array of Order, using the `orders` field in the Shipment object.

Document Information

When booking a return, shipment documentation such as labels, bill of ladings, customs forms, etc can be found here. These documents can be returned per shipping unit or for the shipment as a whole.

Documents are returned as an array of Document, within the `documents` field in the ShippingUnit and Shipment objects.

Track

Overview

The track transaction is used to retrieve tracking information about a shipment.

For walk-throughs on tracking, see the following page:

[Tracking a shipment](#)

Transaction Details

Endpoint Information

URL
https://{sendflex environment}/shipment/track

HTTP Method
POST

HTTP Headers

Key	Value
Content-Type	application/json
X-API-Key	(Customer API key here)

Accepts
Query Parameters

Key	Value
id	The shipment id to cancel
trackingNumber	The tracking number to cancel

Responds With
[Shipment](#) object

Models

Shipment

Field	Description	Type
id	Identifier for the shipment	string (read-only)
description	Description of the shipment contents	string
result	The result of the last transaction processed with this shipment	Result
shipmentState	An enum string indicating the current state of the shipment	`Exception,` `Delivery_Attempt_Failed,` `Expired,` `Canceled,` `Rated,` `Created,` `Scheduled,` `Assigned,` `In_Transit,` `Delivered,` `Returned`
profile	Id or name of the pickup location associated with the shipment	string
shipmentGroup	Id or name of the shipment group associated with the shipment	string
unitOfMeasureOptions	Specify units of measure used for the shipment	UnitOfMeasureOptions
orders	Orders associated with the shipment	array(Order)
addresses	Specify all addresses associated with the shipment	array(Address)
payor	Billing method and account information	Payor
packing	Information such as item data, container types, and settings used with pack functionality	Packing
instructions	A list of instruction ids or names to apply to the shipment	array(string)
shipViaOptions	A list of carrier service options considered for the shipment	array(ShipVia)
pickupOptions	Pickup window, special instructions	PickupOptions
dropoffOptions	Delivery window, special instructions	DropoffOptions
freightOptions	Additional options used with freight shipments	FreightOptions
returnType	If applicable, an enum string indicating the type of return requested	`ShipperPrintLabel,` `CarrierPickupOneAttempt,` `CarrierPickupThreeAttempts,` `CarrierMailLabel,` `CarrierEmailLabel`
mileage	If available, the mileage associated with the shipment	Number
references	A list of carrier reference fields	array(Reference)
shippingUnits	A list of shipping units for the shipment	array(ShippingUnit)
carrierAddOns	A list of carrier accessorial options for the shipment	array(CarrierAddOn)
documents	A list of documented associated with the shipment	array(Document)

UnitOfMeasureOptions

Field	Description	Type
currencyCode	Currency code to use for the shipment	string
weightUOM	Weight unit of measure	string
dimensionUOM	Dimensions unit of measure	string

Payor

Field	Description	Type
type	An enum string indicating the billing option used for shipment charges	Shipper, Receiver, ThirdParty, Consignee
account	Account number to use for billing purposes	string

PickupOptions

Field	Description	Type
pickupAfter	Date/time the shipment is to be picked up. For services that support it, the earliest a shipment can be picked up	string
pickupBefore	For services that support it, the latest a shipment can be picked up	string
pickupInstructions	Any special instructions or notes related to the pickup	string

DropoffOptions

Field	Description	Type
dropoffAfter	Date/time the shipment is to be delivered by. For services that support it, the earliest a shipment can be delivered	string
dropoffBefore	For services that support it, the latest a shipment can be delivered	string
dropoffInstructions	Any special instructions or notes related to the delivery	string

FreightOptions

Field	Description	Type
isMasterShipment	Indicates whether this is a master shipment for consolidated freight shipment processing	string
masterBoLNumber	Master BOL number for consolidated freight shipment	string
boLNumber	BOL number for freight shipment	string

Address

Field	Description	Type
description	Description of the address	string
notes	Notes or special instructions associated with the address	string
contact / name	Contact name associated with the address	string
contact / phone	Contact phone number associated with the address	string
contact / email	Contact email associated with the address	string
name	Company name associated with the address	string
addressLines	An array of address lines	array(string)
city	City name	string
state	State or region code	string
postalCode	Zip or postal code	string
countryCode	Country code	string
residential	Indicates whether address is residential or commercial	boolean
latitude	Degrees of latitude for the address	string
longitude	Degrees of longitude for the address	string
type	An enum string indicating the type of address	`Sender, Receiver, ReturnTo, Debtor, CarrierHub, Importer`

Order

Field	Description	Type
identifier	Order number or identifier for the order	string
salesOrder	Sales order number associated with the order	string
purchaseOrder	Purchase order number associated with the order	string
pickList	Pick list number associated with the order	string
value	Value of the order	number

Item

Field	Description	Type
description	Description of the item	string
partNumber	Part # or identifier associated with the item	string
quantity	Quantity of the item	string
unitsOfMeasure	Quantity unit of measure	string
value	Value of an individual item	number
valueCurrency	Value currency code	string
weight	Weight of an individual item	number
weightUnitType	Weight unit of measure	string
tariffCode	Tariff code or harmonized code associated with the item	string
countryOfOrigin	Country of origin for the item	string
length	Length of an individual item	number
width	Width of an individual item	number
height	Height of an individual item	number
dimensionUnitType	Dimensions unit of measure	string
colorName	Display color to associate with the item when showing items in packing diagrams & animations	string
packRules	Used to indicate special packing rules for item	PackRule
boxTypeCode	Indicates specific container type to use for item when packing	string
maxBoxHeight	Indicates max container height allowed for item when packing	number

ShippingUnit

Field	Description	Type
length	Length of the shipping unit	number
width	Width of the shipping unit	number
height	Height of the shipping unit	number
weight	Weight of the shipping unit	number
type	An enum string indicating the type of shipping unit	Package, Pallet, Container
trackingNumber	A list of tracking numbers associated with the shipping unit	array(TrackingNumber)
contentDescription	A description associated with the shipping unit	string
value	Value associated with the shipping unit	number
freightClass	Freight class associated with the shipping unit	string
nmfc	NMFC code associated with the shipping unit	string
references	A list of carrier reference fields	array(Reference)
documents	A list of documented associated with the shipping unit	array(Document)
items	A list of items contained within the shipping unit	array(Item)
carrierAddOns	A list of carrier accessorial options for the shipment	array(CarrierAddOn)
trackHistory	Tracking history associated with the shipping unit	array(TrackingStatus)
depthOrder		string
boxTypeCode	Identifier of container type used	string
boxCost	Cost of packaging	number

		Exception, Delivery_Attempt_Failed, Expired, Canceled, Rated, Created, Scheduled, Assigned, In_Transit, Delivered, Returned
shippingUnitState	An enum string indicating the current state of the shipping unit	

TrackingNumber

Field	Description	Type
type	An enum string indicating the type of tracking number	Primary, Secondary
value	Tracking number value	string

TrackingStatus

Field	Description	Type
description	A description of the tracking status update	Primary, Secondary
location	The location the tracking event was registered	string
eventDate	The date of the event	string
eventTime	The time of the event	string
signatory	The name of the person that signed for the package on delivery (if available)	string

ShipVia

Field	Description	Type
code	Code assigned to the carrier service option	string
description	Description of the carrier service option	string
carrier	An enum string indicating the carrier associated with the carrier service option	string
accountNumber	Account number associated with the carrier service option	string
ranking	The rank (1 being the best) assigned to the carrier service option, based on customer preferences (rate, delivery date, business rules, etc)	number
isSelected	Indicates whether the carrier service option was the selected choice, based on rank.	boolean
isQualified	Indicates whether the carrier service option was a qualified option for the shipment	boolean
result	The result of the last transaction processed with this ship via	Result
rates	A list of rates for the carrier service option	array(Rate)

Result

Field	Description	Type
statusCode	An enum string indicating the status of the transaction	`Unauthorized, Fail, Success, SuccessWithWarning`
messages	A list of messages associated with the result	array([Message](#))
actionType	An enum string indicating the type of action requested	`Plan, Book, Cancel, Track, Return`
timeStamp	Date/time associated with result	string

Message

Field	Description	Type
type	An enum string indicating the type of message	`Error, Information, Warning`
source	An enum string indicating the source of the message	`System, Instruction, Integration`
contents	Contents of the message	string

Rate

Field	Description	Type
type	An enum string indicating the type of rate	`Carrier, Customer`
charges	A list of charges associated with the rate	array([Charge](#))
shipBy	The anticipated ship date	string
deliverBy	The anticipated delivery date	string
transitDays	Total days between the ship by and deliver by dates	number
businessDays	Total business days between the ship by and deliver by dates	number
guaranteed	Indicates whether or not the service guarantees the delivery by date	boolean

Charge

Field	Description	Type
description	Description of the charge	string
value	Value of the charge	number
currencyType	Currency type of the charge	string
chargeDetails	A list of charge line details	array([ChargeDetail](#))

ChargeDetail

Field	Description	Type
type	An enum string indicating the type of charge	[ChargeDetailType](#)
value	Value of the individual charge line	number
description	Description of the individual charge line	number

Document

Field	Description	Type
type	An enum string indicating the type of document	`Label, Document, Diagram, ProofOfDelivery`
format	An enum string indicating the format of document	`ZPL, EPL, DPL, PDF, PNG, SVG`
contents	Base64 encoded byte string representation of document	string

CarrierAddOn

Field	Description	Type
addOnType	An enum string indicating the type of carrier add-on	AddOnType
settings	A list of key value pairs containing additional values associated with the add-on service	array(string, string)

Reference

Field	Description	Type
name	Name of reference field	string
value	Content or value of reference field	string

Packing

Field	Description	Type
packOptions	Settings used for packing	PackOptions
unpackedItems	A list of items to pack	array(UnpackedItem)
boxTypes	A list of container types to consider while packing	array(BoxType)

PackOptions

Field	Description	Type
packMode	An enum string indicating the pack mode to apply	`None, Paccurate, PackagePerItem, PackagePerOrder`
packByService	Indicates whether to pack for each ship via option specified	boolean
containerTypeLookAhead	Enhances the packing goal by looking ahead to the specified number of container combinations (setting higher than 1 can substantially increase time to packing)	number
allowableOverhang	Indicates how much an item may hang over another item within the container, in inches	number
itemOrientationSearchDepth	Indicates the number of unique, sorted, groups of items sharing the same definition that will be have every combination of initial orientation attempted (setting higher than 1 can substantially increase time to packing)	number

UnpackedItem

Unpacked items includes the following fields as well as all of the fields available under Item.

Field	Description	Type
maxBoxHeight	Indicates max container height allowed for item when packing	number

BoxType

Field	Description	Type
code	Code assigned to the container	string
unitType	An enum string indicating type of container	`Package, Pallet, Container`
weightMax	Maximum weight allowed for the container	number
weightTare	Weight of the empty container	number
length	Length of the container	number
width	Width of the container	number
height	Height of the container	number
Price	Cost of the empty container	number
reservedSpace	Percentage of space left open in the container for dunnage/fill, between 0 (0%) and 1 (100%)	number
itemsPerBoxMax	Maximum number of items allowed in the container	number

PackRule

Field	Description	Type
lockOrientation	One or more dimensions which must be packed in the same position, z = length y = width x = height (e.g. 'x' for only yaw allowed, 'x,y' for yaw and roll allowed)	string
unitsPerCase	Prepacks items into a case by dividing the item quantity with the specified UnitsPerCase value (the item weight and dimensions supplied should reflect the container totals)	number
packAsIs	Indicates that no overboxing is allowed for the item, packing each single item quantity as it's own case	string
alternateDimensionRule	Specify a set of alternate dimension rules to attempt when packing in addition to the primary dimensions attribute of the item	AlternateDimensionRule
nestingRule	Specify a set of nesting attribute rules for items that may be stacked	NestingRule
rollingRule	Specify the rolling rules which the item dimensions represent the thickness, width, and total length of a material meant to be rolled up	RollingRule
fragileRule	Specify fragile attribute rules for the item	FragileRule
groupPackRule	Specify group packing rules indicating items which should be packed together	GroupPackRule

AlternateDimensionRule

Field	Description	Type
dimensions	List of possible dimensions that will be attempted	array(PackDimensions)
dimensionChanges	List of dimension change vectors that are added to the matching item dimensions to yield packing dimensions	array(PackDimensions)
dimensionScaleChanges	List of dimension scale-change vectors that are multiplied with the matching item dimensions, then added to the matching item dimensions to yield packing dimensions	array(PackDimensions)
replaceOriginal	When true, the original dimensions from matching item dimensions are discarded, and only the alternate dimensions are considered	boolean

NestingRule

Field	Description	Type
alternating	When true, specifies that "down" items can only save space when there is an adjacent "up" item, and "up/down" items must alternate	boolean
compactibleAxes	Specifies the axes that this item can be compacted along, 0 = x (length), 1 = y (width), 2 = z (height)	array(number)
compactProperties	A list of the properties of how this item can be compacted when packed	array(CompactProperty)

RollingRule

Field	Description	Type
innerDiameter	Inner diameter of any dowel or tube used that serves as the initial diameter of the roll	number
spoolWeight	Additional weight of each spool or dowel, if applicable	number
maxDiameter	Maximum acceptable diameter of a resultant roll	number
maxWeight	Maximum acceptable weight of a resultant roll	number
minRollLength	Minimum length above which rolling will occur (E.g., if less than 12" remain, ship it flat without rolling)	number

FragileRule

Field	Description	Type
display	When true, display the virtual subspace created above fragile items for analysis purposes	boolean
maxWeight	The maximum weight of items that may be placed above this fragile item	number
excludeOverweight	When true, automatically applies an item exclusion rule between this item and any items of a different partNumber with an item weight exceeding maxWeight	boolean
unrestrictedPlacement	When true, bypasses creation of a placement-restricting fragility subspace, above the item used in conjunction with excludeOverweight, packingMaterialThickness, or other non-placement-orientated fragility features (not compatible with onTopOnly)	boolean
onTopOnly	When true, specifies that nothing will be placed between the top dimensions of this item and the top of the box or container it is packed within, overriding maxWeight if previously specified	boolean
packingMaterialThickness	Thickness of padding to apply to each face of the fragile item, in inches (E.g., a 3"x3"x3" item with 0.5 of packingMaterialThickness will be packed as a 4"x4"x4" volume, as the 0.5" of material will be applied once to each of the top, bottom, front, back, left, and right sides)	number
priority	A priority integer, where higher values will never be placed underneath lower (or unspecified) values.	number

GroupPackRule

Field	Description	Type
nameSuffix	Substring to append to all item names in group-pack	string
scaleFactorThreshold	Only apply axis multiplier to item axes at least 'ScaleFactorThreshold' times smaller than the smallest available 'BoxType' dimension on that axis	number
axes	List of axes to potentially scale group-pack dimensions by, z = length y = width x = height (e.g. 'x' for height only, 'x,y,z' for all axes)	string
axesMultiplier	For each permitted axis, scale the item dimensions (and the quantity group-packed) by 'axisMultiplier'	number

Walkthroughs

Scenario 1 - Request a domestic small parcel rate

Data to Provide

- ☑ Delivery address (see Address)
- ☑ Package information (see ShippingUnit)
- ☑ Carrier services to consider (see ShipVia)
- ☑ Pickup & dropoff information (see PickupOptions & DropoffOptions)

Example Request

```
{
        "addresses": [
                {
                        "contact": {
                                "name": "John Smith",
                                "phone": "508-555-1212"
                        },
                        "name": "Best Bicycles",
                        "addressLines": [
                                "100 Main Street",
                                "Suite 250"
                        ],
                        "city": "Beverly Hills",
                        "state": "CA",
                        "postalCode": "90210",
                        "countryCode": "US",
                        "residential": false,
                        "type": "Receiver"
                }
        ],
        "shipViaOptions": [
                {
                        "code": "UPSG"
                }
        ],
        "pickupOptions": {
                "pickupAfter": "2022-09-15T15:00:00.000Z"
        },
        "dropOffOptions": {
                "dropoffBefore": "2022-09-21T12:00:00.000Z"
        },
        "shippingUnits": [
                {
                        "length": 5,
                        "width": 5,
                        "height": 5,
                        "weight": 2.5,
                        "type": "Package"
                }
        ]
}
```

Data Returned

- ☑ Result of transaction (see Result)

For each carrier service option considered:

- ☑ Whether the option was valid qualified (or not) and why (see ShipVia)
- ☑ Rate & transit time information for the option when available (see ShipVia, Rate)

Scenario 2 - Request an international small parcel rate

Data to Provide
- ☑ Delivery address (see Address)
- ☑ Package information (see ShippingUnit)
- ☑ Item level information (see Item)
- ☑ Carrier services to consider (see ShipVia)
- ☑ Pickup & dropoff information (see PickupOptions & DropoffOptions)

Example Request

```
{
        "addresses": [
                {
                        "contact": {
                                "name": "John Smith",
                                "phone": "508-555-1212"
                        },
                        "name": "Best Bicycles CA",
                        "addressLines": [
                                "10 Main Street"
                        ],
                        "city": "Victoria",
                        "state": "BC",
                        "postalCode": "V8X3X4",
                        "countryCode": "CA",
                        "residential": false,
                        "type": "Receiver"
                }
        ],
        "shipViaOptions": [
                {
                        "code": "UPSSTD"
                }
        ],
        "pickupOptions": {
                "pickupAfter": "2022-09-15T15:00:00.000Z"
        },
        "dropOffOptions": {
                "dropoffBefore": "2022-09-24T12:00:00.000Z"
        },
        "shippingUnits": [
                {
                        "length": 5,
                        "width": 5,
                        "height": 5,
                        "weight": 2.5,
                        "type": "Package",
                        "items": [
                                {
                                        "partNumber": "A312496",
                                        "description": "Complete brake kit",
                                        "quantity": 4,
                                        "value": 12.57,
                                        "weight": 7,
                                        "unitsOfMeasure": "PCS",
                                        "length": 7,
                                        "width": 7,
                                        "height": 8
                                }
                        ]
                }
        ]
}
```

Data Returned

☑ Result of transaction (see Result)

For each carrier service option considered:

☑ Whether the option was valid qualified (or not) and why (see ShipVia)
☑ Rate & transit time information for the option when available (see ShipVia, Rate)

Scenario 3 - Request a shipment

Data to Provide

☑ Delivery address (see Address)
☑ Package information (see ShippingUnit)
☑ Carrier services to consider (see ShipVia)
☑ Pickup & dropoff information (see PickupOptions & DropoffOptions)

Example Request

```json
{
        "addresses": [
                {
                        "contact": {
                                "name": "John Smith",
                                "phone": "508-555-1212"
                        },
                        "name": "Best Bicycles",
                        "addressLines": [
                                "100 Main Street",
                                "Suite 250"
                        ],
                        "city": "Beverly Hills",
                        "state": "CA",
                        "postalCode": "90210",
                        "countryCode": "US",
                        "residential": false,
                        "type": "Receiver"
                }
        ],
        "shipViaOptions": [
                {
                        "code": "FDXG"
                }
        ],
        "pickupOptions": {
                "pickupAfter": "2022-09-15T15:00:00.000Z"
        },
        "dropOffOptions": {
                "dropoffBefore": "2022-09-21T12:00:00.000Z"
        },
        "shippingUnits": [
                {
                        "length": 5,
                        "width": 5,
                        "height": 5,
                        "weight": 2.5,
                        "type": "Package"
                }
        ]
}
```

Data Returned

☑ Result of transaction (see Result)

For each carrier service option considered:

☑ Whether the option was valid qualified (or not) and why (see ShipVia)
☑ Rate & transit time information for the option when available (see ShipVia, Rate)

For the selected carrier service option:

☑ Tracking information (see ShippingUnit, TrackingNumber, TrackingStatus)
☑ Shipment documents (see Shipment, ShippingUnit, Document)

Scenario 4 - Cancel a shipment

Data to Provide

- ☑ Shipment Id OR
- ☑ Tracking number

Example Request

```
https://{sendflex environment}/shipment/cancel?trackingNumber=794667030860
```

Data Returned

- ☑ Result of transaction (see Result)

Scenario 5 - Request packing

Data to Provide

☑ Packing information (see Packing)

Example Request

```
{
     "packing": {
          "packOptions": {
               "packMode": "Paccurate"
          },
          "unpackedItems": [
               {
                    "partNumber": "123456",
                    "description": "Bicycle parts",
                    "quantity": 10,
                    "weight": 5,
                    "length": 5,
                    "width": 5,
                    "height": 5
               }
          ],
          "boxTypes": [
               {
                    "code": "10x10x10"
               },
               {
                    "code": "12x12x12"
               }
          ]
     }
}
```

Data Returned

☑ Result of transaction (see Result)

☑ Shipping units (see ShippingUnit)

☑ Packing instructions (see Document)

Scenario 6 - Track a shipment

Data to Provide

- ☑ Shipment Id OR
- ☑ Tracking number

Example Request

```
https://{sendflex environment}/shipment/track?trackingNumber=1Z1234567890
```

Data Returned

- ☑ Result of transaction (see Result)
- ☑ Tracking history (see ShippingUnit, TrackingNumber, TrackingStatus)

Appendix

ChargeDetailType Values

- PickupDay
- ResidentialDelivery
- Hazardous
- Fuel
- Billing
- PickupLocation
- DeliveryLocation
- LoadingDock
- ConstructionSitePickup
- ConstructionSiteDelivery
- TradeShowPickup
- TradeShowDelivery
- InsidePickup
- InsideDelivery
- ResidentialPickup
- LiftgatePickup
- LiftgateDelivery
- Loading
- Unloading
- AppointmentPickup
- AppointmentDelivery
- WhiteGloveDelivery
- HelperDelivery
- Heated
- ColdChain
- Holiday
- Security
- Notification
- PalletExchange
- Sort
- Wholesaler
- Tobacco
- OffshoreDelivery
- DeliveryArea
- PickupArea
- ThirdPartyConsignee
- NonMachinable
- DateCertainDelivery
- EveningDelivery
- MinimumPackage
- DryIce
- CertifiedMail
- SupplyUsage
- AnimalHandling

- Ancillary
- BrokerSelect
- Destination
- ClearanceEntry
- CutFlowers
- Documentation
- EmailLabel
- ExcessValue
- Exhibition
- Export
- CallTag
- Flatbed
- FreightGuarantee
- FreightOnValue
- HoldAtLocation
- LimitedAccess
- Metro
- OnCallPickup
- PieceCountVerification
- FreezeProtection
- RegionalMall
- ReturnLabel
- Tarp
- TransmartService
- Pickup
- CrossBorder
- SingleShipment
- Bulkhead
- EarlyDelivery
- HolidayPickup
- GlobalmailItem
- SecurityValidation
- ElevatedRisk
- RestrictedDestination
- AirFreight
- CarbonNeutral
- CarrierCostSurcharge
- CarrierMonitoring
- ChainOfSignature
- DirectDelivery
- Exchange
- Duty
- ForkliftDelivery
- ForkliftPickup
- HealthInsurance
- HelperPickup
- IMPBNonCompliance

- LargePallet
- LicenseVerification
- MultiPiece
- NeutralDeliveryService
- NonStandardMail
- Pallet
- PalletJackDelivery
- PalletJackPickup
- ParcelAirlift
- PieceCount
- ProactiveRecovery
- RegisteredMail
- ReturnDelivery
- SpecialDelivery
- StairDelivery
- StairPickup
- TemperatureControl
- TerminalHandling
- Unpack
- Wharfage
- SecureProtection
- AutoLockBox
- SecureStorage
- DiplomaticMaterial
- SmartSensor
- VisaPack
- SecureSafebox
- SmartSentry
- CarbonFootprint
- CarbonEstimate
- Packaging
- ShipmentIntercept
- AddressCorrection
- ShipmentPreparation
- NonStandardPickup
- NonStandardDelivery
- DeliveryAreaSurcharge
- PeakSeason
- Overweight
- Tax
- AdditionalHandlingSeasonal

AddOnType Values

- AddressChangeNotification
- AdvancedCollection
- AfterHoursCharge
- AfterHoursDelivery
- AirBag
- AirFreight
- AirportDelivery
- AirportPickup
- AlcoholicBeverages
- AlcoholShipmentLicensee
- AlcoholShipmentConsumer
- AMDelivery
- AppointmentDelivery
- AppointmentPickup
- ArbitraryCharge
- BagLiner
- BeyondIndirectService
- BlanketService
- BlanketServiceChilled
- BlanketServiceFrozen
- BlindShipment
- Bobtail
- Bulkhead
- CallBeforeDelivery
- CampDelivery
- CampPickup
- CapacityLoadPup
- CapacityLoadTrailer
- CarbonNeutral
- CertifiedPickup
- CFSDelivery
- CFSPickup
- ChangeofBOL
- ChassisTruck
- ChurchDelivery
- ChurchPickup
- ColdChain
- CommercialDelivery
- CommercialInvoicePaperless
- CommercialInvoiceRemoval
- CommercialPickup
- Consolidation
- ConstructionSiteDelivery
- ConstructionSitePickup
- CorrectedBOL
- CountryClubDelivery
- CountryClubPickup
- CranePermits
- CrossDock
- DeclaredValueDelivery
- DeclaredValuePickup

- DelayCharge
- DeliverOnlyToAddressee
- DeliverOnlyToShipAddress
- DeliverToDoor
- DeliveryWindow
- DescriptionInspection
- Detention
- DiagnosticSpecimens
- DispositionMethodReturn
- DispositionMethodAbandon
- DispositionMethodForward
- DispositionMethodLeaveAtDoor
- DispositionMethodDoNotLeave
- DispositionMethodAddress
- DispositionMethodChange
- DistributionCenterDelivery
- DockPickup
- DockTransferDelivery
- DockTransferPickup
- DoNotBreakDown
- DoNotStackPallets
- Drayage
- DriverAssistance
- DriverLoad
- DriverLoadandCount
- DriverLoadUnload
- DriverUnload
- DriverUnloadandCount
- DropAtCarrierFacility
- DropPull
- DryIceForMedicalUse
- DryRun
- EmergencyDelivery
- EquipmentTrailer26Ft
- EquipmentDumper60Yd
- EquipmentCarCarrier
- EquipmentDoubleDrop
- EquipmentRailCar40Ft
- EquipmentDumper80Yd
- EquipmentStraightTruck24FtWithLiftgate
- EquipmentTrailer24Ft
- EquipmentStraightTruck24Ft
- EquipmentContainer45Ft
- Equipment4X4
- EquipmentStraightTruck26FtWithLiftgate
- EquipmentDumpTruck
- EquipmentGooseneck
- EquipmentDumper40Yd
- EquipmentVan
- EquipmentContainer40HQ
- EquipmentTruck
- EquipmentSprinterVan
- EquipmentHopperBottom

- EquipmentCar
- EquipmentStraightTruck26Ft
- EquipmentDumper20Yd
- EquipmentAirCargo
- EquipmentMaxiTrailer
- EquipmentFrozen
- EquipmentBoxTruckWithLiftgate
- EquipmentVanWithLiftgate
- EquipmentStepDeck
- EquipmentTruckWithLiftgate
- EquipmentRollOffTruck
- EquipmentContainer53Ft
- EquipmentContainer20Ft
- EquipmentRefrigerated
- EquipmentWalkingFloor
- EquipmentContainer40Ft
- EquipmentRailCar53Ft
- EquipmentLowBoy
- EquipmentFlatBed
- EquipmentPickupTruck
- EquipmentBoxTruck
- EquipmentParcelTruck
- EquipmentTriAxleVan
- EquipmentTrailer28Ft
- EquipmentOther
- EquipmentTrailer48Ft
- EquipmentTanker
- EquipmentRailCar20Ft
- EquipmentVanTrailerStandard
- EquipmentVanTrailer53Ft
- EquipmentBulkTruck
- EquipmentRemovableGooseneck
- EquipmentWinchTruck
- EquipmentTractor
- EquipmentStraightTruck16Ft
- EquipmentStraightTruck18Ft
- EquipmentCargoVan
- EquipmentTractorTrailer
- EquipmentFullSizeVan
- EquipmentMinivan
- EquipmentDoubles
- EquipmentTrailer53Feet
- EquipmentSprinterVanDry
- EquipmentSprinterVanHeat
- EquipmentSprinterVanReefer
- EquipmentTruck24FtWithLiftgateDry
- EquipmentTruck24FtWithLiftgateHeat
- EquipmentTruck24FtWithLiftgateReefer
- EquipmentTruck28FtWithLiftgateDry
- EquipmentTruck28FtWithLiftgateHeat
- EquipmentTruck28FtWithLiftgateReefer
- EquipmentStraightTruck40FtWithTailgateDry
- EquipmentStraightTruck40FtWithTailgateHeat

- EquipmentStraightTruck40FtWithTailgateReefer
- EquipmentVan48FtDry
- EquipmentVan48FtHeat
- EquipmentVan48FtReefer
- EquipmentVan48FtTailgateDry
- EquipmentVan48FtTailgateHeat
- EquipmentVan48FtTailgateReefer
- EquipmentVan53FtTandemDry
- EquipmentVan53FtTandemWithLiftgateDry
- EquipmentVan53FtTandemHeat
- EquipmentVan53FtTandemReefer
- EquipmentVan53FtTriAxleDry
- EquipmentVan53FtTriAxleHeat
- EquipmentVan53FtTriAxleReefer
- EquipmentVan53FtQuadAxleDry
- EquipmentVan53FtQuadAxleHeat
- EquipmentVan53FtQuadAxleReefer
- EquipmentFlatbed48Ft
- EquipmentConestoga48FtCurtainSide
- EquipmentFlatbed53Ft
- EquipmentConestoga53FtCurtainSide
- EquipmentSuperB53Ft
- EquipmentDoubleDrop53Ft
- EquipmentPowerOnly
- EquipmentVanPlateTrailer53Ft
- EquipmentStepDeck48Ft
- EquipmentStepDeck53Ft
- EquipmentVan53FtReefer
- EquipmentContainerStandard
- EquipmentContainerHeavy
- EquipmentContainerOOG
- EquipmentContainerIntermodal
- EquipmentVan53FtDry
- EquipmentVanFlatbed
- EquipmentFlatbed50Ft
- EquipmentFlatbed50FtDry
- EquipmentFlatbed50FtAirRide
- EquipmentHotshot32Ft
- EquipmentHotshot36Ft
- EquipmentHotshot40Ft
- EquipmentLowProStepDeck48Ft
- EquipmentLowProStepDeck53Ft
- EquipmentConestegaLowProStepDeck48Ft
- EquipmentConestegaLowProStepDeck53Ft
- EquipmentConestogaFlatbed48Ft
- EquipmentConestogaFlatbed53Ft
- ExcessDeclaredValue
- ExcessiveValue
- ExportShipment
- ExtraLabor
- FairAmusementParkDelivery
- FairAmusementParkPickup
- FarmDelivery

- FarmPickup
- FirstDelivery
- FlatbedDelivery
- FlatbedPickup
- FlatTrack
- Food
- Forklift
- ForkliftDelivery
- FreeDomicile
- FreightCollectTermsStandard
- FreightCollectTermsNonRecourse
- FreightHandlingSkid
- FreightHandlingCarboy
- FreightHandlingPallet
- FreightHandlingTotes
- FreightHandlingLoose
- FreightHandlingOther
- GovernmentSiteDelivery
- GovernmentSitePickup
- GroceryWarehouseDelivery
- GroceryWarehousePickup
- HandlingandLabeling
- HawaiianWillCall
- HealthInsurance
- HighCostDeliverySurcharge
- HighDockEquipmentNeeded
- HoldForPickup
- HolidayDelivery
- HolidayPickup
- HolidayWeekendService
- HomeDeliveryAppointment
- HomeDeliveryDateCertain
- HomeDeliveryEvening
- HomeLandSecurity
- HospitalDelivery
- HospitalPickup
- HotelDelivery
- HotelPickup
- ImportDelivery
- ImportDeliveryPrintAndMail
- ImportDeliveryOneAttempt
- ImportDeliveryThreeAttempt
- ImportDeliveryElectronicLabel
- ImportDeliveryPrintLabel
- ImportShipment
- InBondShipment
- InboundFreight
- InsideDelivery
- InsideDeliveryWithElevator
- InsideDeliveryGroundFloor
- InsideDeliveryNoElevator
- InsideDeliveryAny
- InsideDeliveryRoomOfChoice

- InsidePickup
- InterlineShipment
- ControlledExportLicenseDEA036
- ControlledExportLicenseDEA236
- ControlledExportLicenseDEA486
- ControlledExportLicenseDSP05
- ControlledExportLicenseDSP61
- ControlledExportLicenseDSP73
- ControlledExportLicenseDSP85
- ControlledExportLicenseDSP94
- ControlledExportLicenseDSPLicenseAgreement
- ControlledExportLicenseFromForeignTradeZone
- ControlledExportLicenseWarehouseWithdrawal
- InterRegionalShipment
- LabelRequired
- Layover
- LiftGateDelivery
- LiftGatePickup
- LimitedAccessDelivery
- DeliveryTypeChurch
- DeliveryTypeConstructionSite
- DeliveryTypeHotel
- DeliveryTypeMilitaryBase
- DeliveryTypeMineSite
- DeliveryTypeMiniStorage
- DeliveryTypeRemoteGovernment
- DeliveryTypeSchool
- DeliveryTypeAirport
- DeliveryTypeContainerStation
- DeliveryTypePiersAndWharves
- DeliveryTypeFarmCountryClub
- DeliveryTypeFairAmusementPark
- DeliveryTypeConventionCenter
- LimitedAccessPickup
- PickupTypeChurch
- PickupTypeConstructionSite
- PickupTypeHotel
- PickupTypeMilitaryBase
- PickupTypeMineSite
- PickupTypeMiniStorage
- PickupTypeRemoteGovernment
- PickupTypeSchool
- PickupTypeAirport
- PickupTypeContainerStation
- PickupTypePiersAndWharves
- PickupTypeFarmCountryClub
- PickupTypeFairAmusementPark
- PickupTypeConventionCenter
- LiquorPermit
- LoadFreightAtPickup
- LoadingDockDelivery
- LumperService
- MallDelivery

- MallPickup
- MarkingorTagging
- MilitaryInstallationDelivery
- MilitaryInstallationPickup
- MineSiteDelivery
- MineSitePickup
- NativeAmericanReservationDelivery
- NativeAmericanReservationPickup
- NineAMDelivery
- NonBusinessHoursDelivery
- NonBusinessHoursPickup
- NonCommercialDelivery
- NonCommercialPickup
- NoonDelivery
- BorderCrossingDocumentHandlingFee
- NotificationTelephone
- NotificationSMS
- NotificationEmail
- NotificationOtherDeliveryEmail
- NotificationOtherDriverOnRouteEmail
- NotificationOtherExceptionEmail
- NotificationOtherOnTenderEmail
- NotificationOtherPickupExceptionEmail
- NotificationOtherPickupRequestConfirmationEmail
- NotificationOtherPickupSecuredEmail
- NotificationOtherShipmentEmail
- NotificationReceiverDeliveryEmail
- NotificationReceiverDriverOnRouteEmail
- NotificationReceiverExceptionEmail
- NotificationReceiverOnTenderEmail
- NotificationReceiverPickupExceptionEmail
- NotificationReceiverPickupRequestConfirmationEmail
- NotificationReceiverPickupSecuredEmail
- NotificationReceiverShipmentEmail
- NotificationSenderDeliveryEmail
- NotificationSenderDriverOnRouteEmail
- NotificationSenderExceptionEmail
- NotificationSenderOnTenderEmail
- NotificationSenderPickupExceptionEmail
- NotificationSenderPickupRequestConfirmationEmail
- NotificationSenderPickupSecuredEmail
- NotificationSenderShipmentEmail
- NotifyBeforeDelivery
- NursingHomeDelivery
- NursingHomePickup
- NYCMetro
- OilSands
- OpenTopTruck
- OverDimensionFreight
- Oversized
- OversizedDelivery
- OversizedPickup
- Overweight

- Pallet
- PalletExchange
- PalletExchangeDelivery
- PalletExchangePickup
- PalletJackDelivery
- PalletJackPickup
- Perishables
- Permit
- PharmacyDelivery
- PickupNotification
- PierDelivery
- PierPickup
- Plants
- Poison
- PremiumCare
- PriorDeliveryNotification
- PrisonDelivery
- PrisonPickup
- ProactiveResponse
- ProtectFromFreezing
- ProtectFromHeat
- ProtectiveDrumCover
- ProtectivePalletCover
- ProtectiveService
- ReconsignmentFee
- RedelivertoConsignee
- RefrigeratedVan
- RegionalShipment
- RemoteLocationSurcharge
- RemoveDebris
- ResidentialFurnitureDelivery
- ResortDelivery
- ResortPickup
- ReturnLegPickup
- Rush
- SaturdayDelivery
- SaturdayPickup
- SchoolDelivery
- SchoolPickup
- Security
- SecurityInspection
- Seeds
- SelfStorageDelivery
- SelfStoragePickup
- ShipmentContainsFood
- SingleShipment
- EndorsementAddressCorrection
- EndorsementCarrierLeave
- EndorsementChangeService
- EndorsementForwardingService
- EndorsementReturnService
- SortAndSegregate
- SortSegregateDelivery

- SortSegregatePickup
- SpecialDelivery
- SpecialEquipmentNeeded
- SpecialExceptions
- Stackable
- StopOff
- Storage
- StraightTruck
- SundayDelivery
- SundayPickup
- TankerTruck
- TarpingSurcharge
- TeamCharge
- TemperatureServiceKeepCool
- TemperatureServiceHeated
- TemperatureServiceAmbient
- TemperatureServiceFreezable
- Tobacco
- TobaccoReportingCharge
- TopLoadOnly
- TradeShowDelivery
- TradeShowPickup
- TruckNotUsed
- TSACertification
- Turnkey
- TwoHourSpecialDelivery
- TwoManDelivery
- UnloadFreightAtDelivery
- Unpack
- UtilitySiteDelivery
- UtilitySitePickup
- ValidateAddress
- VariableHandlingBaseCharge
- VariableHandlingNetCharge
- VariableHandlingNetChargeNoTax
- VariableHandlingNetFreight
- VariableHandlingAccountRates
- VariableHandlingListRates
- WeekendDelivery
- WeekendPickup
- WeekendService
- WeightInspection
- WeightVerification
- WhiteGlove
- Wholesaler
- AdditionalHandling
- Certified
- CODECOD
- EmailNotification
- Exchange
- Flat
- Hold
- Insurance

- Hazardous
- InternationalDocumentsOnly
- LargePackage
- LithiumBattery
- NonFlatMachinable
- NonMachinable
- NonRectangular
- NonStandardContainer
- PriorityAlert
- PriorityAlertPlus
- Registered
- RestrictedDelivery
- ReturnReceipt
- ReturnReceiptMerchandise
- VerbalConfirmation
- LooseDryIce
- CODAny
- CODGuaranteedFunds
- CODCash
- CODPersonalCheque
- CODBusinessCheque
- CODMoneyOrder
- CODDemandDraft
- CODPayOrder
- GuaranteedCloseOfBusiness
- GuaranteedAMDelivery
- AdditionalHandlingNonStandardPackaging
- AdditionalHandlingFragile
- AdditionalHandlingCarrierDiscretion
- AdditionalHandlingLiquid
- AdditionalHandlingNoContainer
- Container20FeetLong
- Container40FeetLong
- Container40HFeetLong
- Container45FeetLong
- Container53FeetLong
- DeliveryNoSignature
- DeliverySignatureRequired
- DeliveryAdultSignatureRequired
- DeliveryDirectSignatureRequired
- DeliverySignatureWaiver
- DeliveryChainOfSignature
- DeliverySignatureRelease
- DeliveryDepartmentDelivery
- DeliveryServiceDefault
- DeliveryNoSignatureShipperRelease
- DeliveryCaptureImage
- DeliveryUSPSDeliveryConfirmation
- ExcessiveLengthAny
- ExcessiveLengthOver12Ft
- ExcessiveLength12To20Ft
- ExcessiveLength12To24Ft
- ExcessiveLength13To27Ft

- ExcessiveLengthOver14Ft
- ExcessiveLength14To24Ft
- ExcessiveLength14To26Ft
- ExcessiveLengthOver15Ft
- ExcessiveLength15To27Ft
- ExcessiveLengthOver20Ft
- ExcessiveLength20To28Ft
- ExcessiveLengthOver21Ft
- ExcessiveLengthOver24Ft
- ExcessiveLengthOver27Ft
- ExcessiveLengthOver28Ft
- ExcessiveLengthOver30Ft
- InsuranceB
- InsuranceC
- LithiumMaterialLithiumIon
- LithiumMaterialLithiumMetal
- LithiumPackingContainedInEquipment
- LithiumPackingPackedWithEquipment
- LithiumPackingStandAlone
- DryIceWeight