

Rate Calculator APIs

USPS Web Tools™

**Application Programming Interface
User Guide**

Version 3.20 (01/22/2025)



Table of Contents

1.0	Introduction	3
1.1	.....Before you get started:.....	3
2.0	Domestic Rates API - RateV4	3
2.1	.....Overview	3
2.1.1	API Signature	3
2.2	.....Request Descriptions.....	3
2.2.1	Sample Request.....	18
2.3	.....Response Descriptions	20
2.3.1	Sample Response	28
2.4	.....Error Responses	37
3.0	International Rates API – IntlRateV2	38
3.1	.....Overview	38
3.1.1	API Signature	38
3.2	.....Request Descriptions.....	38
3.2.1	Sample Requests	45
3.3	.....Response Descriptions	46
3.3.1	Sample Response	51
4.0	Error Responses	62
5.0	Appendix A – RateV4 CLASSID Values	63
6.0	Appendix B – IntlRateV2 Service ID Values	69

1.0 Introduction

This document contains a Reference Guide to the Rate Calculator APIs, RateV4 and IntlRateV2. See the [Developer's Guide](#) to learn the administrative process for gaining access to the Web Tools APIs as well as the basic mechanism for calling the APIs and processing the results. The Developer's Guide also contains information on testing and troubleshooting.

Note: The Request Parameter sections present the XML input tags for generating live requests along with the restrictions on the values allowed. An error message will be returned if an incorrect value is entered. Also, be aware of the maximum character amounts allowed for some tags. If the user enters more than those amounts, an error will not be generated. Web Tools will simply pass in the characters up to the maximum amount allowed and disregard the rest. This is important since the resulting value could prevent a correct response.

When building the XML request, pay particular attention to the order and case for tags. An error message will be returned if an incorrect value is entered. Remember that all data and attribute values in this document are for illustration purposes and are to be replaced by your actual values. For instance, a line of sample code may be:

```
<Pounds>2</Pounds>
```

In this instance, you will replace "2" with the weight in pounds for the package.

1.1 Before you get started:

For information on registering and getting started with Web Tools, please refer to the [Step-By-Step guide](#) found on the Web Tools [Technical Documentation Page](#). If you need assistance with an error response, contact the USPS Internet Customer Care Center (ICCC) <https://Emailus.usps.com/>.

2.0 Domestic Rates API - RateV4

2.1 Overview

The RateV4 API lets customers calculate the rate for domestic packages and envelopes given the weight and dimensions of the item. The RateV4 API limits the data requested to twenty-five (25) packages per transaction.

2.1.1 API Signature

Scheme	Host	Path	API	XML
https://	secure.shippingapis.com	/ShippingAPI.dll?	API=RateV4	&XML=(see Tag Descriptions below)

Note: GET HTTP requests have length restrictions, whereas POST HTTP requests do not. Please take this under consideration when determining the request-response method that you choose.

2.2 Request Descriptions

Tag Name	Occurs	Description	Type	Validation
RateV4Request	Required	API=RateV4 This API returns the current USPS postage corresponding to the parameters given.	(Group)	

Tag Name	Occurs	Description	Type	Validation
RateV4Request / USERID	Required	This attribute specifies your Web Tools user ID. See the Developer's Guide for information on obtaining your USERID. For Example: USERID="XXXXXXX"	NMTOKEN	
RateV4Request / PASSWORD	Optional	This attribute specifies your Web Tools password. See the Developer's Guide for information on your Password. For Example: PASSWORD="XXXXXXX"	NMTOKEN	
RateV4Request / Revision	Optional	Set this value to "2" to return all currently documented response fields. For example: <Revision>2</Revision>	String	
RateV4Request / Package	Required repeating up to 25 times	See the RateV4 Service Request chart for valid combinations of the following tags.	(Group)	

Tag Name	Occurs	Description	Type	Validation								
RateV4Request / Package / Service	Required	<p>Web Tools validates the entry to one of the service types.</p> <p>For example: <Service>PRIORITY MAIL EXPRESS</Service></p> <p>Note: For users that want to return all eligible products in a single RateV4 API call, please see details below regarding “ALL” calls:</p> <table border="1"> <thead> <tr> <th><Service></th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>ALL</td> <td>When <Service>=“ALL”, all eligible retail products will return in the API response.</td> </tr> <tr> <td>ONLINE</td> <td>When <Service>=“ONLINE”, all eligible retail and commercial base/commercial products will return in the API response. Cubic products will return when eligible.</td> </tr> <tr> <td>PLUS</td> <td>When <Service>=“PLUS”, all eligible retail, commercial base/commercial, and commercial plus products will return in the API response. Cubic products will return when eligible.</td> </tr> </tbody> </table>	<Service>	Description	ALL	When <Service>=“ALL”, all eligible retail products will return in the API response.	ONLINE	When <Service>=“ONLINE”, all eligible retail and commercial base/commercial products will return in the API response. Cubic products will return when eligible.	PLUS	When <Service>=“PLUS”, all eligible retail, commercial base/commercial, and commercial plus products will return in the API response. Cubic products will return when eligible.	String	whitespace=collapse Enumerations= <ul style="list-style-type: none"> • ALL • ONLINE • PLUS • PRIORITY • PRIORITY COMMERCIAL • PRIORITY MAIL CUBIC • PRIORITY MAIL RETURN • PRIORITY MAIL CUBIC RETURN • FIRST CLASS • FIRST CLASS COMMERCIAL • PRIORITY MAIL EXPRESS • PRIORITY MAIL EXPRESS COMMERCIAL • PRIORITY MAIL EXPRESS RETURN • GROUND ADVANTAGE • GROUND ADVANTAGE COMMERCIAL • GROUND ADVANTAGE CUBIC • GROUND ADVANTAGE RETURN • PARCEL SELECT DE • MEDIA • LIBRARY • BPM • CONNECT LOCAL
<Service>	Description											
ALL	When <Service>=“ALL”, all eligible retail products will return in the API response.											
ONLINE	When <Service>=“ONLINE”, all eligible retail and commercial base/commercial products will return in the API response. Cubic products will return when eligible.											
PLUS	When <Service>=“PLUS”, all eligible retail, commercial base/commercial, and commercial plus products will return in the API response. Cubic products will return when eligible.											

Tag Name	Occurs	Description	Type	Validation														
RateV4Request / Package / Service DelOpt	Optional	<p>This attribute specifies the service delivery option beyond normal/standard delivery. When the service delivery option attribute is indicated, the results returned will satisfy both the mail class and delivery option indicated.</p> <p>For example: <Service DelOpt="HAZMAT">PRIORITY</Service></p> <table border="1"> <thead> <tr> <th>Delivery Option</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>HAZMAT</td> <td>Hazardous Materials</td> </tr> <tr> <td>PARCELLOCKER</td> <td>Parcel Locker Delivery</td> </tr> <tr> <td>HFP</td> <td>Hold For Pickup</td> </tr> <tr> <td>SUNHOL</td> <td>Sunday/Holiday Delivery</td> </tr> <tr> <td>STANDARD</td> <td>Normal Delivery</td> </tr> <tr> <td>UNKNOWN</td> <td>Default - will result in current <Service> enumerations being used to determine response.</td> </tr> </tbody> </table>	Delivery Option	Description	HAZMAT	Hazardous Materials	PARCELLOCKER	Parcel Locker Delivery	HFP	Hold For Pickup	SUNHOL	Sunday/Holiday Delivery	STANDARD	Normal Delivery	UNKNOWN	Default - will result in current <Service> enumerations being used to determine response.	String	Default=UNKNOWN Enumerations= <ul style="list-style-type: none"> HAZMAT PARCELLOCKER HFP SUNHOL STANDARD UNKNOWN
Delivery Option	Description																	
HAZMAT	Hazardous Materials																	
PARCELLOCKER	Parcel Locker Delivery																	
HFP	Hold For Pickup																	
SUNHOL	Sunday/Holiday Delivery																	
STANDARD	Normal Delivery																	
UNKNOWN	Default - will result in current <Service> enumerations being used to determine response.																	
RateV4Request / Package / FirstClassMailType	Optional	<p>The <FirstClassMailType> tag is returned only if the <ServiceType> submitted is "First Class"</p> <p><FirstClassMailType>LETTER</FirstClassMailType></p> <p>Note: Flats are also known as Large Envelopes</p>	String	whiteSpace=collapse Enumerations= <ul style="list-style-type: none"> LETTER FLAT POSTCARD LARGE POSTCARD 														
RateV4Request / Package / ZipOrigination	Required	<p>ZIP code must be valid.</p> <p>For example: <ZipOrigination>20770</ZipOrigination></p>	String	whiteSpace=collapse length=5 pattern=\d{5}														
RateV4Request / Package / ZipDestination	Required	<p>ZIP code must be valid.</p> <p>For example: <ZipDestination>54324</ZipDestination></p>	String	length=5 whiteSpace=collapse pattern=\d{5}														

Tag Name	Occurs	Description	Type	Validation
RateV4Request / Package / Pounds	Required	Value must be numeric. Package weight cannot exceed 70 pounds. For example: <Pounds>2</Pounds> <Pounds>2.12345678</Pounds>	String	maxInclusive=70 minInclusive=0
RateV4Request / Package / Ounces	Required	Value must be numeric. Package weight cannot exceed 70 pounds (1120 ounces). For example: <Ounces>0</Ounces> <Ounces>0.12345678</Ounces>	String	maxInclusive=1120.0 minInclusive=0.0
RateV4Request / Package / Container	Required	Use to specify container attributes that may affect postage; otherwise, leave blank. Note: When <Service>="PRIORITY MAIL CUBIC", "PRIORITY MAIL CUBIC RETURN" or "GROUND ADVANTAGE CUBIC", the only valid containers are "CUBIC PARCELS" or "CUBIC SOFT PACK". It is recommended to pass the largest Cubic dimension as "Length" in <Length> request tag and the second largest dimension as "Width" in <Width> request tag. Note: "VARIABLE" is used to denote that a customer is using packaging other than a USPS-produced Flat Rate Box/Envelope". Note: <Container> enumerations: "SM FLAT RATE BAG", "LG FLAT RATE BAG", "FLAT RATE BOX" only applicable when <Service>="Connect Local."	String	whiteSpace=collapse Enumerations= <ul style="list-style-type: none"> • VARIABLE • FLAT RATE ENVELOPE • PADDED FLAT RATE ENVELOPE • LEGAL FLAT RATE ENVELOPE • SM FLAT RATE ENVELOPE • WINDOW FLAT RATE ENVELOPE • GIFT CARD FLAT RATE ENVELOPE • SM FLAT RATE BOX • MD FLAT RATE BOX • LG FLAT RATE BOX • CUBIC PARCELS • CUBIC SOFT PACK • SM FLAT RATE BAG • LG FLAT RATE BAG • FLAT RATE BOX

Tag Name	Occurs	Description	Type	Validation
RateV4Request / Package / Width	Optional	<p>Value must be numeric. Units are inches. If partial dimensions are provided, an error response will return. Length, Width, Height are required for accurate pricing of a rectangular package when any dimension of the item exceeds 12 inches. In addition, Girth is required only for a non-rectangular package in addition to Length, Width, Height when any dimension of the package exceeds 12 inches. For rectangular packages, the Girth dimension must be left blank as this dimension is to only be used for non-rectangular packages.</p> <p>For more details on dimensional weight pricing or dimension validation reference DMM https://pe.usps.com/text/dmm300/index.htm</p>	Decimal	minExclusive=0.0 totalDigits=10
RateV4Request / Package / Length	Optional	<p>Value must be numeric. Units are inches. If partial dimensions are provided, an error response will return. Length, Width, Height are required for accurate pricing of a rectangular package when any dimension of the item exceeds 12 inches. In addition, Girth is required only for a non-rectangular package in addition to Length, Width, Height when any dimension of the package exceeds 12 inches. For rectangular packages, the Girth dimension must be left blank as this dimension is to only be used for non-rectangular packages.</p> <p>For more details on dimensional weight pricing or dimension validation reference DMM https://pe.usps.com/text/dmm300/index.htm</p>	Decimal	minExclusive=0.0 totalDigits=10

Tag Name	Occurs	Description	Type	Validation
RateV4Request / Package / Height	Optional	<p>Value must be numeric. Units are inches. If partial dimensions are provided, an error response will return. Length, Width, Height are required for accurate pricing of a rectangular package when any dimension of the item exceeds 12 inches. In addition, Girth is required only for a non-rectangular package in addition to Length, Width, Height when any dimension of the package exceeds 12 inches. For rectangular packages, the Girth dimension must be left blank as this dimension is to only be used for non-rectangular packages.</p> <p>For more details on dimensional weight pricing or dimension validation reference DMM https://pe.usps.com/text/dmm300/index.htm</p>	Decimal	minExclusive=0.0 totalDigits=10
RateV4Request / Package / Girth	Optional	<p>Value must be numeric. Units are inches. If partial dimensions are provided, an error response will return. Length, Width, Height are required for accurate pricing of a rectangular package when any dimension of the item exceeds 12 inches. In addition, Girth is required only for a non-rectangular package in addition to Length, Width, Height when any dimension of the package exceeds 12 inches. For rectangular packages, the Girth dimension must be left blank as this dimension is to only be used for non-rectangular packages.</p> <p>For more details on dimensional weight pricing or dimension validation reference DMM https://pe.usps.com/text/dmm300/index.htm</p>	Decimal	minExclusive=0.0 totalDigits=10
RateV4Request / Package / Value	Optional	<p>Available when RateV4Request [Revision='2'].</p> <p>Package value. Used to determine availability and cost of extra services.</p> <p>For example: <Value>150.00</Value></p>	String	minOccurs=0 maxOccurs=1

Tag Name	Occurs	Description	Type	Validation
RateV4Request / Package / AmountToCollect	Optional	<p>Available when RateV4Request [Revision='2'].</p> <p>Collect on delivery amount. Used to determine availability and cost of extra services.</p> <p>For example: <AmountToCollect>150.00</AmountToCollect></p>	String	minExclusive=0.0 totalDigits=10
RateV4Request / Package / SpecialServices	Optional	<p>Available when RateV4Request [Revision='2'].</p> <p>Groups the SpecialServices elements.</p> <p>Special Services prices and availability will not be returned when Service = "ALL", "ONLINE", or "PLUS"</p> <p>Inclusion of SpecialServices will return <CommitmentName> and <CommitmentDate> in the response.</p>	(Group)	

<p>RateV4Request / Package / SpecialServices / SpecialService</p>	<p>Optional, repeating up to 10 times</p>	<p>Available when RateV4Request [Revision='2']. Defines extra services in order to determine price and availability of additional services. An initial call <u>without</u> the SpecialService tag specified is recommended to determine base availability of special services for each mail class (<Service>). The extra service definitions are as follows:</p> <table border="1" data-bbox="589 537 1057 1881"> <thead> <tr> <th>Special Service Name</th> <th>ServiceID</th> </tr> </thead> <tbody> <tr><td>Insurance</td><td>100</td></tr> <tr><td>Insurance – Priority Mail Express</td><td>101</td></tr> <tr><td>Return Receipt</td><td>102</td></tr> <tr><td>Collect on Delivery</td><td>103</td></tr> <tr><td>Certificate of Mailing (Form 3665)</td><td>104</td></tr> <tr><td>Certified Mail</td><td>105</td></tr> <tr><td>USPS Tracking</td><td>106</td></tr> <tr><td>Signature Confirmation</td><td>108</td></tr> <tr><td>Registered Mail</td><td>109</td></tr> <tr><td>Return Receipt Electronic</td><td>110</td></tr> <tr><td>Registered mail COD collection Charge</td><td>112</td></tr> <tr><td>Return Receipt – Priority Mail Express</td><td>118</td></tr> <tr><td>Adult Signature Required</td><td>119</td></tr> <tr><td>Adult Signature Restricted Delivery</td><td>120</td></tr> <tr><td>Insurance – Priority Mail</td><td>125</td></tr> <tr><td>USPS Tracking Electronic</td><td>155</td></tr> <tr><td>Signature Confirmation Electronic</td><td>156</td></tr> <tr><td>Certificate of Mailing (Form 3817)</td><td>160</td></tr> <tr><td>Certified Mail Restricted Delivery</td><td>170</td></tr> <tr><td>Certified Mail Adult Signature Required</td><td>171</td></tr> <tr><td>Certified Mail Adult Signature Restricted Delivery</td><td>172</td></tr> <tr><td>Signature Confirm. Restrict. Delivery</td><td>173</td></tr> <tr><td>Signature Confirmation Electronic Restricted Delivery</td><td>174</td></tr> <tr><td>Collect on Delivery Restricted Delivery</td><td>175</td></tr> </tbody> </table>	Special Service Name	ServiceID	Insurance	100	Insurance – Priority Mail Express	101	Return Receipt	102	Collect on Delivery	103	Certificate of Mailing (Form 3665)	104	Certified Mail	105	USPS Tracking	106	Signature Confirmation	108	Registered Mail	109	Return Receipt Electronic	110	Registered mail COD collection Charge	112	Return Receipt – Priority Mail Express	118	Adult Signature Required	119	Adult Signature Restricted Delivery	120	Insurance – Priority Mail	125	USPS Tracking Electronic	155	Signature Confirmation Electronic	156	Certificate of Mailing (Form 3817)	160	Certified Mail Restricted Delivery	170	Certified Mail Adult Signature Required	171	Certified Mail Adult Signature Restricted Delivery	172	Signature Confirm. Restrict. Delivery	173	Signature Confirmation Electronic Restricted Delivery	174	Collect on Delivery Restricted Delivery	175	<p>String</p>	<p>Enumerations=</p> <ul style="list-style-type: none"> • 100 • 101 • 102 • 103 • 104 • 105 • 106 • 108 • 109 • 110 • 112 • 118 • 119 • 120 • 125 • 155 • 156 • 160 • 170 • 171 • 172 • 173 • 174 • 175 • 176 • 177 • 178 • 179 • 180 • 181 • 182 • 447 <p>HAZMAT Services:</p> <ul style="list-style-type: none"> • 810 • 811 • 812 • 813 • 814 • 815 • 816 • 817 • 818 • 819 • 820 • 821 • 822 • 823 • 824 • 825 • 826
Special Service Name	ServiceID																																																					
Insurance	100																																																					
Insurance – Priority Mail Express	101																																																					
Return Receipt	102																																																					
Collect on Delivery	103																																																					
Certificate of Mailing (Form 3665)	104																																																					
Certified Mail	105																																																					
USPS Tracking	106																																																					
Signature Confirmation	108																																																					
Registered Mail	109																																																					
Return Receipt Electronic	110																																																					
Registered mail COD collection Charge	112																																																					
Return Receipt – Priority Mail Express	118																																																					
Adult Signature Required	119																																																					
Adult Signature Restricted Delivery	120																																																					
Insurance – Priority Mail	125																																																					
USPS Tracking Electronic	155																																																					
Signature Confirmation Electronic	156																																																					
Certificate of Mailing (Form 3817)	160																																																					
Certified Mail Restricted Delivery	170																																																					
Certified Mail Adult Signature Required	171																																																					
Certified Mail Adult Signature Restricted Delivery	172																																																					
Signature Confirm. Restrict. Delivery	173																																																					
Signature Confirmation Electronic Restricted Delivery	174																																																					
Collect on Delivery Restricted Delivery	175																																																					

		Registered Mail Restricted Delivery	176		
		Insurance Restricted Delivery	177		
		Insurance Restrict. Delivery – Priority Mail	179		
		Insurance Restrict. Delivery – Priority Mail Express	178		
		Insurance Restrict. Delivery (Bulk Only)	180		
		Scan Retention	181		
		Scan + Signature Retention	182		
		USPS Label Delivery Service	183		
		USPS Connect Sunday Delivery (Availability depends on Destination ZIP Code)	447		
		HAZMAT Services	ServiceID		
		Air Eligible Ethanol Package	810		
		Class 1 – Toy Propellant/Safety Fuse Package	811		
		Class 3 – Flammable Liquid Package	812		
		Class 7 – Radioactive Materials Package	813		
		Class 8 – Corrosive Materials Package	814		
		Class 8 – Nonspillable Wet Battery Package	815		
		Class 9 – Lithium Battery Marked – Ground Only Package	816		
		Class 9 – Lithium Battery – Returns Package	817		
		Class 9 – Lithium batteries, marked package	818		
		Class 9 – Dry Ice Package	819		
		Class 9 – Lithium batteries, unmarked package	820		
		Class 9 – Magnetized Materials Package	821		
		Division 4.1 – Flammable Solids or Safety Matches Package	822		
					<ul style="list-style-type: none"> • 827 • 828 • 829 • 830 • 831 • 832

Tag Name	Occurs	Description	Type	Validation																				
		<table border="1" data-bbox="589 275 1057 869"> <tr> <td>Division 5.1 – Oxidizers Package</td> <td>823</td> </tr> <tr> <td>Division 5.2 – Organic Peroxides Package</td> <td>824</td> </tr> <tr> <td>Division 6.1 – Toxic Materials Package</td> <td>825</td> </tr> <tr> <td>Division 6.2 – Infectious Substances Package</td> <td>826</td> </tr> <tr> <td>Excepted Quantity Provision Package</td> <td>827</td> </tr> <tr> <td>Ground Only Hazardous Materials</td> <td>828</td> </tr> <tr> <td>ID8000 Consumer Commodity Package</td> <td>829</td> </tr> <tr> <td>Lighters Package</td> <td>830</td> </tr> <tr> <td>LTD QTY Ground Package</td> <td>831</td> </tr> <tr> <td>Small Quantity Provision Package</td> <td>832</td> </tr> </table> <p data-bbox="565 888 732 917">For example:</p> <pre data-bbox="565 919 1024 1039"><SpecialServices> <SpecialService>100<SpecialService> <SpecialService>108<SpecialService> </SpecialServices></pre> <p data-bbox="565 1071 1081 1310">Note: When <SpecialService>= “125” and <Value> is less than or equal to \$100, the insurance price returned will be zero (“\$0.00”) to reflect baked-in insurance. If <Value> is greater than \$100, the insurance price returned will reflect an extra cost since baked-in insurance was exceeded.</p> <p data-bbox="565 1314 1045 1402">Note: APO/FPO/DPO+PTFAS locations (excluding Puerto Rico) support a limited list of HAZMAT options</p>	Division 5.1 – Oxidizers Package	823	Division 5.2 – Organic Peroxides Package	824	Division 6.1 – Toxic Materials Package	825	Division 6.2 – Infectious Substances Package	826	Excepted Quantity Provision Package	827	Ground Only Hazardous Materials	828	ID8000 Consumer Commodity Package	829	Lighters Package	830	LTD QTY Ground Package	831	Small Quantity Provision Package	832		
Division 5.1 – Oxidizers Package	823																							
Division 5.2 – Organic Peroxides Package	824																							
Division 6.1 – Toxic Materials Package	825																							
Division 6.2 – Infectious Substances Package	826																							
Excepted Quantity Provision Package	827																							
Ground Only Hazardous Materials	828																							
ID8000 Consumer Commodity Package	829																							
Lighters Package	830																							
LTD QTY Ground Package	831																							
Small Quantity Provision Package	832																							
RateV4Request / Package / Content	Optional	<p data-bbox="565 1419 919 1478">Available when RateV4Request[Revision='2'].</p> <p data-bbox="565 1512 914 1570">Groups the ContentType and ContentDescription elements.</p>	Group																					

Tag Name	Occurs	Description	Type	Validation
RateV4Request / Package / Content / ContentType	Optional	Available when RateV4Request [Revision='2']. Defines the type of content of the package. Inclusion of ContentType will return <CommitmentName> and <CommitmentDate> in the response.	String	Enumerations= <ul style="list-style-type: none"> • CREMATEDREMAINS • PERISHABLE • PHARMACEUTICALS • MEDICAL SUPPLIES • LIVES
RateV4Request / Package / Content / ContentDescription	Optional	Available when RateV4Request[Revision='2']. Describes the content of the package. Optional but required for ContentType 'LIVES'.	String	Enumerations= <ul style="list-style-type: none"> • BEES • DAYOLDPOULTRY • ADULTBIRDS • OTHER
RateV4Request / Package / GroundOnly	Optional	Available when RateV4Request [Revision='2']. RateV4Request [Service="GROUND ADVANTAGE"] Use "true" when shipment contains mailable hazardous materials, live animals and other "surface-only" items.	Boolean	Enumerations= <ul style="list-style-type: none"> • true • false
RateV4Request / Package / SortBy	Optional	Available when RateV4Request [Revision='2']. Returns all mailing services available based on item shape. When specified, value in <Container> is ignored. Available when: RateV4Request[Service='ALL'] RateV4Request[Service='ONLINE'] For example: <SortBy>PACKAGE</SortBy>	String	Enumerations= <ul style="list-style-type: none"> • LETTER • LARGEENVELOPE • PACKAGE • FLATRATE

Tag Name	Occurs	Description	Type	Validation
RateV4Request / Package / Machinable	Optional	<p>Machinable parcels are defined as parcels less than or equal to 15"x18"x22" inches and less than or equal 25 pounds. Any parcel that exceeds either threshold (dimensions or weight) will be considered nonmachinable.</p> <p>Note: The API will validate provided dimensions and/or weight to determine machinability. In this case the <Machinable> tag will be ignored. If these are not provided, then the <Machinable> tag will be used to designate if shipment is Machinable (true) or Nonmachinable (false).</p> <p>For example: <Machinable>true</Machinable></p>	Boolean	<p>whiteSpace=collapse Enumerations=</p> <ul style="list-style-type: none"> • true • false
RateV4Request / Package / ReturnLocations	Optional	<p>Include Dropoff Locations in Response if available. Requires "ShipDate" tag.</p>	Boolean	<p>Enumerations=</p> <ul style="list-style-type: none"> • true • false
RateV4Request / Package / ReturnServiceInfo	Optional	<p>If a value of "true" is indicated in the request then the response will include the <ServiceInformation> tag containing mail service specific information</p>	Boolean	<p>Enumerations=</p> <ul style="list-style-type: none"> • true • false
RateV4Request / Package / DropOffTime	Optional	<p>Time Package Will Be Mailed. Enter drop off time in format: HH:mm, such as 13:45.</p> <p>Inclusion of Drop Off Time will return increased accuracy for <CommitmentName> and <CommitmentDate> in the response.</p> <p>For example: <DropOffTime>13:45</DropOffTime></p>	String	
RateV4Request / Package / ShipDate	Optional	<p>Date Package Will Be Mailed. Ship date may be today plus 0 to 30 days in advance. Enter the date in format: yyyy-mm-dd, such as 2013-07-28. If <ShipDate> value is not provided, the current date will be used for delivery date calculations.</p> <p>Inclusion of Ship Date will return <CommitmentName> and <CommitmentDate> in the response.</p> <p>For example: <ShipDate>2013-07-28</ShipDate></p>	String	<p>pattern=\d{2}-[a-zA-z]{3}-\d{4}</p>

Tag Name	Occurs	Description	Type	Validation																														
RateV4Request / Package / ShipDate Option	Optional	<p>The value of this attribute specifies how the RateV4Response will structure the ShipDate Commitment data elements.</p> <p>EMSH stands for Express Mail Sunday/Holiday and will return that response structure when used.</p> <p>When HFP (Hold For Pickup) is used, an additional <CommitmentTime> element is returned and the Hold For Pickup response structure is used.</p> <p>For example: <ShipDate Option="HFP">2013-07-28</ShipDate></p>	String	<p>Default=EMSH</p> <p>Enumerations=</p> <ul style="list-style-type: none"> EMSH HFP 																														
RateV4Request / Package / SortationLevel	Optional	<table border="1"> <thead> <tr> <th>Sortation</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>3D</td> <td>3-Digit</td> </tr> <tr> <td>5D</td> <td>5-Digit</td> </tr> <tr> <td>AADC</td> <td>AADC - Automated Area Distribution Center</td> </tr> <tr> <td>BAS</td> <td>Basic</td> </tr> <tr> <td>CR</td> <td>Carrier Route</td> </tr> <tr> <td>MIX</td> <td>Mixed NDC</td> </tr> <tr> <td>NDC</td> <td>NDC - Network Distribution Center</td> </tr> <tr> <td>NONE</td> <td>None</td> </tr> <tr> <td>PST</td> <td>Presort</td> </tr> <tr> <td>SCF</td> <td>SCF - Sectional Center Facility</td> </tr> <tr> <td>TBE</td> <td>EMM Tray Box</td> </tr> <tr> <td>TBF</td> <td>Full Tray Box</td> </tr> <tr> <td>TBH</td> <td>Half Tray Box</td> </tr> <tr> <td>TBT</td> <td>Full Tub Tray Box</td> </tr> </tbody> </table> <p>Reference https://pe.usps.com/pricechange for additional details.</p>	Sortation	Description	3D	3-Digit	5D	5-Digit	AADC	AADC - Automated Area Distribution Center	BAS	Basic	CR	Carrier Route	MIX	Mixed NDC	NDC	NDC - Network Distribution Center	NONE	None	PST	Presort	SCF	SCF - Sectional Center Facility	TBE	EMM Tray Box	TBF	Full Tray Box	TBH	Half Tray Box	TBT	Full Tub Tray Box	String	<p>Enumerations=</p> <ul style="list-style-type: none"> 3D 5D AADC BAS CR MIX NDC NONE PST SCF TBE TBF TBT TBH
Sortation	Description																																	
3D	3-Digit																																	
5D	5-Digit																																	
AADC	AADC - Automated Area Distribution Center																																	
BAS	Basic																																	
CR	Carrier Route																																	
MIX	Mixed NDC																																	
NDC	NDC - Network Distribution Center																																	
NONE	None																																	
PST	Presort																																	
SCF	SCF - Sectional Center Facility																																	
TBE	EMM Tray Box																																	
TBF	Full Tray Box																																	
TBH	Half Tray Box																																	
TBT	Full Tub Tray Box																																	
RateV4Request / Package / DestinationEntryFacilityType	Conditionally Required	<p>Drop Off location for destination entry products.</p> <p>Note: Required when <Service>="PARCEL SELECT DE".</p> <table border="1"> <thead> <tr> <th>Destination Type</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>Destination Delivery Unit</td> <td>DDU</td> </tr> <tr> <td>Destination Hub</td> <td>DHUB</td> </tr> <tr> <td>Destination Network Distribution Unit</td> <td>DNDC</td> </tr> <tr> <td>Destination Sectional Center Facility</td> <td>DSCF</td> </tr> </tbody> </table>	Destination Type	Value	Destination Delivery Unit	DDU	Destination Hub	DHUB	Destination Network Distribution Unit	DNDC	Destination Sectional Center Facility	DSCF	String	<p>Default = NONE</p> <p>Enumerations=</p> <ul style="list-style-type: none"> DDU DHUB DNDC DSCF NONE 																				
Destination Type	Value																																	
Destination Delivery Unit	DDU																																	
Destination Hub	DHUB																																	
Destination Network Distribution Unit	DNDC																																	
Destination Sectional Center Facility	DSCF																																	

Tag Name	Occurs	Description	Type	Validation																						
RateV4Request / Package / ReturnDimensionalWeight	Optional	This tag must be explicitly set to "true" for dimensional weight to be returned in the xml response.	Boolean	Enumerations= <ul style="list-style-type: none"> true false 																						
RateV4Request / Package / TrackingRetentionPeriod	Optional	Used to determine period of Retention for tracking data. <table border="1" data-bbox="574 485 1070 869"> <thead> <tr> <th>ServiceID</th> <th><TrackingRetention Period></th> </tr> </thead> <tbody> <tr> <td>181</td> <td>"0.5" (6 Months)</td> </tr> <tr> <td>181</td> <td>"1" (1 Year)</td> </tr> <tr> <td>181</td> <td>"3" (3 Years)</td> </tr> <tr> <td>181</td> <td>"5" (5 Years)</td> </tr> <tr> <td>181</td> <td>"7" (7 Years)</td> </tr> <tr> <td>181</td> <td>"10" (10 Years)</td> </tr> <tr> <td>182</td> <td>"3" (3 Years)</td> </tr> <tr> <td>182</td> <td>"5" (5 Years)</td> </tr> <tr> <td>182</td> <td>"7" (7 Years)</td> </tr> <tr> <td>182</td> <td>"10" (10 Years)</td> </tr> </tbody> </table>	ServiceID	<TrackingRetention Period>	181	"0.5" (6 Months)	181	"1" (1 Year)	181	"3" (3 Years)	181	"5" (5 Years)	181	"7" (7 Years)	181	"10" (10 Years)	182	"3" (3 Years)	182	"5" (5 Years)	182	"7" (7 Years)	182	"10" (10 Years)	String	minOccurs=0 maxOccurs=1 Enumerations= <ul style="list-style-type: none"> 0.5 1 3 5 7 10
ServiceID	<TrackingRetention Period>																									
181	"0.5" (6 Months)																									
181	"1" (1 Year)																									
181	"3" (3 Years)																									
181	"5" (5 Years)																									
181	"7" (7 Years)																									
181	"10" (10 Years)																									
182	"3" (3 Years)																									
182	"5" (5 Years)																									
182	"7" (7 Years)																									
182	"10" (10 Years)																									
RateV4Request / Package / ReturnFees	Optional	This tag must be set to "true" for <Fees> to be returned. This tag is used so customers can see what fees apply to their postage.	Boolean	Default=false Enumerations= <ul style="list-style-type: none"> true false 																						
RateV4Request / Package / ReturnHSCCodeReqd	Optional	Include <ReturnHSCCodeReqd>="Y" (Yes) to return <HSCCodeReqd> and <HSCCodeEnforced> indicators in response to identify which APO/FPO/DPO destinations will require valid Harmonization Code and Content/Item descriptions due to international shipping regulatory mandates. Per international shipping regulatory mandates, shipments to European Union (EU) countries are required to contain a valid Harmonization Code and Content/Item description. Harmonization Code (i.e., HS Tariff Number) must be based on the Harmonized Commodity Description and Coding System developed by the World Customs Organization. To learn more about providing acceptable item descriptions, view the chart below or read the EU's guidance on acceptable terms at Guidance on Acceptable and Unacceptable Terms for the Description of Goods .		Default=N Enumerations= <ul style="list-style-type: none"> Y N 																						
RateV4Request	Required		(alias)																							

2.2.1 Sample Request

Request: RateV4

```
<RateV4Request USERID="XXXXXXXXXX" PASSWORD="">
  <Revision>2</Revision>
  <Package ID="0">
    <Service>PRIORITY</Service>
    <ZipOrigination>22201</ZipOrigination>
    <ZipDestination>26301</ZipDestination>
    <Pounds>8</Pounds>
    <Ounces>2</Ounces>
    <Container></Container>
    <Width></Width>
    <Length></Length>
    <Height></Height>
    <Girth></Girth>
  </Package>
</RateV4Request>
```

Request: RateV4 Military – APO Example:

```
<RateV4Request USERID="XXXXXXXXXX" PASSWORD="">
  <Revision>2</Revision>
  <Package ID="1">
    <Service>Priority Mail</Service>
    <ZipOrigination>18702</ZipOrigination>
    <ZipDestination>09067</ZipDestination>
    <Pounds>2</Pounds>
    <Ounces>0</Ounces>
    <Container></Container>
    <ReturnHSCodeReqd>Y</ReturnHSCodeReqd>
  </Package>
</RateV4Request>
```

Request: RateV4 Parcel Select DE Example:

```
<RateV4Request USERID="XXXXXXXXXX" PASSWORD="">
  <Revision>2</Revision>
  <Package ID="1ST">
    <Service>PARCEL SELECT DE</Service>
    <ZipOrigination>73108</ZipOrigination>
    <ZipDestination>75232</ZipDestination>
    <Pounds>10</Pounds>
    <Ounces>0</Ounces>
    <Container>VARIABLE</Container>
    <SpecialServices>
      <SpecialService/>
    </SpecialServices>
    <SortationLevel>None</SortationLevel>
    <DestinationEntryFacilityType>DNDC</DestinationEntryFacilityType>
  </Package>
</RateV4Request>
```

Request: RateV4 Connect Local Example:

```
<RateV4Request USERID="XXXXXXXXXX" PASSWORD="">
  <Revision>2</Revision>
  <Package ID="1">
    <Service>CONNECT LOCAL</Service>
```

```
<ZipOrigination>18708</ZipOrigination>
<ZipDestination>89701</ZipDestination>
<Pounds>0</Pounds>
<Ounces>12</Ounces>
<Container>FLAT RATE BOX</Container>
<AmountToCollect/>
<SpecialServices>
  <SpecialService></SpecialService>
</SpecialServices>
<SortationLevel></SortationLevel>
<DestinationEntryFacilityType>DDU</DestinationEntryFacilityType>
</Package>
</RateV4Request>
```

Request: RateV4 – Non Standard Fee Example

```
<RateV4Request USERID="XXXXXXXXXX" PASSWORD="">
  <Revision>2</Revision>
  <Package ID="1">
    <Service>ALL</Service>
    <FirstClassMailType />
    <ZipOrigination>18702</ZipOrigination>
    <ZipDestination>16901</ZipDestination>
    <Pounds>1</Pounds>
    <Ounces>2</Ounces>
    <Container>Variable</Container>
    <Width>20</Width>
    <Length>31</Length>
    <Height>20</Height>
    <Girth></Girth>
    <Machinable>False</Machinable>
    <ReturnLocations>False</ReturnLocations>
    <ReturnServiceInfo>False</ReturnServiceInfo>
    <ShipDate>01/01/2023</ShipDate>
    <ReturnFees>true</ReturnFees>
  </Package>
</RateV4Request>
```

Request: RateV4 – <Service DelOpt> Example

```
<RateV4Request USERID="XXXXXXXXXX" PASSWORD="">
  <Revision>2</Revision>
  <Package ID="1">
    <Service DelOpt="ParcelLocker">all</Service>
    <ZipOrigination>20770</ZipOrigination>
    <ZipDestination>54324</ZipDestination>
    <Pounds>0</Pounds>
    <Ounces>1</Ounces>
    <Container></Container>
    <Size>Regular</Size>
    <SortBy>package</SortBy>
    <Machinable>True</Machinable>
    <ShipDate>04/22/2023</ShipDate>
  </Package>
</RateV4Request>
```

2.3 Response Descriptions

Tag Name	Occurs	Description	Type	Validation
RateV4Response	Required		(Group)	
RateV4Response / Package	Required repeating up to 25 times		(Group)	
RateV4Response / Package / ZipOrigination	Required	Origination ZIP Code from request	String	whiteSpace=collapse length=5 pattern=\d{5}
RateV4Response / Package / ZipDestination	Required	Destination ZIP Code from request	String	whiteSpace=collapse length=5 pattern=\d{5}
RateV4Response / Package / Pounds	Required	Package Weight (Pounds) from request	Integer	maxInclusive=70 minInclusive=0
RateV4Response / Package / Ounces	Required	Package Weight (Ounces) from request	Decimal	maxInclusive=1120.0 minInclusive=0.0 totalDigits=10
RateV4Response / Package / FirstClassMailType	Optional	Appears when RateV4Request [Service='FIRST CLASS']. For example: <FirstClassMailType>LETTER</FirstClassMail Type>	String	whiteSpace=collapse
RateV4Response / Package / Container	Optional	Shipping Container (appears where applicable: RateV4Request[Service='ALL' or Service='PRIORITY EXPRESS*' or Service='PRIORITY*'])	String	whiteSpace=collapse
RateV4Response / Package / Machinable	Optional	Machinable (appears where applicable: RateV4Request[Service='ALL'])	String	
RateV4Response / Package / Zone	Optional	USPS defined distance codes assigned to each origin and destination ZIP Code pairing for every ZIP Code number in the nation. These distance codes, referred to as zones, are designated as "1 through 9"	String	
RateV4Response / Package / Postage	Required repeating up to unbound ed times	Postage tag contains a nested postal rate and service description.	(Group)	
RateV4Response / Package / Postage / CLASSID	Required	A mail class identifier for the postage returned. Not necessarily unique within a <Package/>. Refer to Appendix A for all domestic CLASSID values.	Integer	

Tag Name	Occurs	Description	Type	Validation
RateV4Response / Package / Postage / MailService	Required	Service Type name	String	
RateV4Response / Package / Postage / Rate	Required	Retail Rate Published Retail Rates are available at our Postal Explorer Price List .	Decimal	
RateV4Response / Package / Postage / CommercialRate	Optional	Commercial Rate. Published Commercial and Commercial Base Rates are available at our Postal Explorer Price List . Appears only where applicable for published Commercial and Commercial Base products and when requested via RateV4Request[e.g., Service='ONLINE' or Service='PRIORITY COMMERCIAL' or Service='CONNECT LOCAL'].	Decimal	
RateV4Response / Package / Postage / CommercialPlusRate	Optional	Commercial Rate. Appears only where applicable for published Commercial Plus products and when requested via RateV4Request[e.g., Service='PLUS'].	Decimal	
RateV4Response / Package / Postage / MaxDimensions	Optional	Maximum dimensions for a USPS produced product. Appears where applicable: RateV4Request[SortBy=PACKAGE]	String	
RateV4Response / Package / Postage / ServiceInformation	Optional	Mail Service Information. Appears where applicable: RateV4Request[ReturnServiceInfo='true']	String	
RateV4Response / Package / Postage / Zone	Optional	Zone code for the specific service. Appears when the service zone is different from the standard zone assigned to the origin and destination ZIP code.	String	
RateV4Response / Package / Postage / (Choice)	Optional	This choice depends on the presence of <ShipDate>, <SpecialServices>, or <Content>. Inclusion of <ShipDate Option="HFP"> will return <CommitmentDate>, <CommitmentName>, and <CommitmentTime> in the response in a <Commitment> structure. If the Option="HFP" attribute is missing or has the EMSH enumeration instead, then the Express Mail Sunday/Holiday structure is used and returns <CommitmentDate> and <CommitmentName>. If <ShipDate>, <SpecialServices>, or <Content> are not present, then neither structure is returned.	(Choice)	

Tag Name	Occurs	Description	Type	Validation
RateV4Response / Package / Postage / (Choice) / (sequence)	if used: Required	This sequence consisting of CommitmentDate and Location nodes is mutually exclusive with RateV4Response / Package / Postage / Commitment.	(Group)	
RateV4Response / Package / Postage / (Choice) / (sequence) / CommitmentDate	Required once	Expected Delivery Date: yyyy-mm-dd. Can only returned when ShipDate tag is present in the request.	String	
RateV4Response / Package / Postage / (Choice) / (sequence) / CommitmentName	Required once	Expected Delivery returned in number of days. Ex. <CommitmentName>3-Day</CommitmentName>	String	
RateV4Response / Package / Postage / (Choice) / (sequence) / Location	Optional repeating up to 200 times	Collection of Dropoff Locations with Cutoff times. Only returned with Express Mail variants, when "ShipDate" tag is present in the request, and the "ReturnLocations" tag is not false. For example: <Location> <CutOff>8:00 PM</CutOff> <Facility>EXPRESS MAIL COLLECTION BOX</Facility> <Street>9201 EDGEWORTH DR</Street> <City>CAPITOL HEIGHTS</City> <State>MD</State> <Zip>20790</Zip> </Location>	(Group)	
RateV4Response / Package / Postage / (Choice) / (sequence) / Location / CutOff	Required	Local cutoff time for drop-off	String	
RateV4Response / Package / Postage / (Choice) / (sequence) / Location / Facility	Required	Facility Name	String	
RateV4Response / Package / Postage / (Choice) / (sequence) / Location / Street	Required	Facility Address	String	
RateV4Response / Package / Postage / (Choice) / (sequence) / Location / City	Required	Facility City	String	

Tag Name	Occurs	Description	Type	Validation
RateV4Response / Package / Postage / (Choice) / (sequence) / Location / State	Required	Facility State	String	
RateV4Response / Package / Postage / (Choice) / (sequence) / Location / Zip	Required	Facility Zip	String	
RateV4Response / Package / Postage / (Choice) / Commitment	if used: Required once repeating up to 5 times	This node is mutually exclusive with RateV4Response / Package / Postage / CommitmentDate and RateV4Response / Package / Postage / Location. Inclusion of <ShipDate Option="HFP"> will return <CommitmentDate>, <CommitmentName>, and <CommitmentTime> in the response in this Hold for Pickup structure.	(Group)	
RateV4Response / Package / Postage / (Choice) / Commitment / CommitmentDate	Required once	Expected Delivery Date: yyyy-mm-dd. Can only returned when ShipDate tag is present in the request.	String	
RateV4Response / Package / Postage / (Choice) / Commitment / CommitmentName	Required once	Expected Delivery returned in number of days. Ex. <CommitmentName>3-Day</CommitmentName>	String	
RateV4Response / Package / Postage / (Choice) / Commitment / CommitmentTime	Optional	Expected Pickup Time on day of delivery. Ex. <CommitmentTime>6:00 PM</CommitmentTime>. Must include <ShipDate> Option="HFP" (i.e., <ShipDate Option="HFP">MM/DD/YYYY</ ShipDate> in the request to return <CommitmentTime>.	String	

Tag Name	Occurs	Description	Type	Validation
RateV4Response / Package / Postage / (Choice) / Commitment / Location	Optional repeating up to 200 times	Collection of Dropoff Locations with Cutoff times. Only returned with Priority Mail Express Mail variants, when "ShipDate" tag is present in the request, and the "ReturnLocations" tag is not false. For example: <Location> <CutOff>8:00 PM</CutOff> <Facility>EXPRESS MAIL COLLECTION BOX</Facility> <Street>9201 EDGEWORTH DR</Street> <City>CAPITOL HEIGHTS</City> <State>MD</State> <Zip>20790</Zip> </Location>	(Group)	
RateV4Response / Package / Postage / (Choice) / Commitment / Location / CutOff	Required	Local cutoff time for drop-off	String	
RateV4Response / Package / Postage / (Choice) / Commitment / Location / Facility	Required	Facility Name	String	
RateV4Response / Package / Postage / (Choice) / Commitment / Location / Street	Required	Facility Address	String	
RateV4Response / Package / Postage / (Choice) / Commitment / Location / City	Required	Facility City	String	
RateV4Response / Package / Postage / (Choice) / Commitment / Location / State	Required	Facility State	String	
RateV4Response / Package / Postage / (Choice) / Commitment / Location / Zip	Required	Facility Zip	String	
RateV4Response / Package / Postage / SpecialServices	Optional	Returned when RateV4Request[Revision='2']. Groups the Special Service elements.	(Group)	

Tag Name	Occurs	Description	Type	Validation
RateV4Response / Package / Postage / SpecialServices / SpecialService	Required, repeating up to unbound ed times	Returned when RateV4Request[Revision='2']. "SpecialService" contains nested service name, availability, and pricing.	(Group)	
RateV4Response / Package / Postage / SpecialServices / SpecialService / ServiceID	Required	Returned when RateV4Request[Revision='2']. Special service ID	Integer	
RateV4Response / Package / Postage / SpecialServices / SpecialService / ServiceName	Required	Returned when RateV4Request[Revision='2']. Special service name	String	
RateV4Response / Package / Postage / SpecialServices / SpecialService / Available	Required	Returned when RateV4Request[Revision='2']. Availability of special service. Availability may change depending on special services passed (selected) in request.	Boolean	
RateV4Response / Package / Postage / SpecialServices / SpecialService / AvailableOnline	Required	Returned when RateV4Request[Revision='2']. Availability of special service for online only rates. Not all special services have online rates.	Boolean	
RateV4Response / Package / Postage / SpecialServices / SpecialService / AvailableCPP	Required	Returned when RateV4Request[Revision='2']. Availability of special service for Commercial Plus Price only. Not all special services have Commercial Plus Prices.	Boolean	
RateV4Response / Package / Postage / SpecialServices / SpecialService / Price	Required	Returned when RateV4Request[Revision='2']. Special service pricing. Pricing may change depending on special services passed (selected) in request.	Decimal	
RateV4Response / Package / Postage / SpecialServices / SpecialService / PriceOnline	Required	Returned when RateV4Request[Revision='2']. Special service pricing. Pricing may change depending on special services passed (selected) in request. Not all special services have online rates.	Decimal	
RateV4Response / Package / Postage / SpecialServices / SpecialService / PriceCPP	Required	Returned when RateV4Request[Revision='2']. Special service Commercial Plus Pricing. Commercial Plus Pricing may change depending on special services passed (selected) in request. Not all special services have Commercial Plus Pricing.	Decimal	

Tag Name	Occurs	Description	Type	Validation
RateV4Response / Package / Postage / SpecialServices / SpecialService / DeclaredValueRequired	Optional	Returned if applicable when RateV4Request[Revision='2']. Indicates if special service requires a declared package value (specified in RateV4Request[Value]) to determine correct pricing.	Boolean	
RateV4Response / Package / Postage / SpecialServices / SpecialService / DueSenderRequired	Optional	Returned if applicable when RateV4Request[Revision='2']. Indicates if special service requires a due sender amount (specified in RateV4Request[AmountToCollect]) to determine correct pricing.	Boolean	
RateV4Response / Package / Postage / DimensionalWeightRate	Optional	Dimensional weight retail rate	String	
RateV4Response / Package / Postage / DimensionalWeightCommercialRate	Optional	Dimensional weight commercial base rate	String	
RateV4Response / Package / Postage / DimensionalWeightCommercialPlusRate	Optional	Dimensional weight commercial plus rate	String	
RateV4Response / Package / Postage / Fees	Optional	Returns when <ReturnFees> = "true" Dimensional weight pricing will include length and volume fees to account for cost of processing oversized parcels	String	
RateV4Response / Package / Postage / Fees / Fee	Required		String	
RateV4Response / Package / Postage / Fees / Fee / FeeType	Required	Indicates what type of Fee is being requested: <ul style="list-style-type: none"> - Non Standard Length Fee(s) - Non Standard Volume Fee(s) - Live Animal Transportation Fee(s) - Nonmachinable Fee(s) 	String	
RateV4Response / Package / Postage / Fees / Fee / FeeType / FeePrice	Required	Fee price. See Notice 123 for fee applicability and pricing.	String	

Tag Name	Occurs	Description	Type	Validation
RateV4Response / Package / Postage / Fees / Fee / FeeType / FeePrice / FeeInformation	Required	Fee Information indicates the fee is <Rate>	String	
RateV4Response / Package / Postage / Fees / Fee / FeeType / FeePrice / FeeInformation / FeeInfo / FeeInfoType = "PriceType"	Required	Fee Information indicates the fee is <Rate>	String	
RateV4Response / Package / Postage / Attributes	Optional	When <ReturnFees> = True, the new Attributes tag will return to show Oversize fees and/or Dimensional Weight fees. Any future package attributes that impact a price returned will be included in the attributes tag.	String	
RateV4Response / Package / Postage / Attribute Key	Optional	Attribute Key: <ul style="list-style-type: none"> • DimensionalWeightR = RetailRate • DimensionalWeightCB = Commercial Rate • DimensionalWeightCP = Commerical Plus Rate • Oversized 	String	
RateV4Response / Package / Postage / HSCodeReqd	Optional	Returns when <ReturnHSCodeReqd>="Y" (Yes). When <HSCodeReqd>=True, indicates which APO/FPO/DPO destinations require valid Harmonization Code and Content/Item descriptions because of new international shipping regulatory mandates. Per international shipping regulatory mandates, shipments to European Union (EU) countries are required to contain a valid Harmonization Code and Content/Item description. Harmonization Code (i.e., HS Tariff Number) must be based on the Harmonized Commodity Description and Coding System developed by the World Customs Organization. To learn more about providing acceptable item descriptions, view the chart below or read the EU's guidance on acceptable terms at Guidance on Acceptable and Unacceptable Terms for the Description of Goods .	String	Enumerations= <ul style="list-style-type: none"> • True • False

Tag Name	Occurs	Description	Type	Validation
RateV4Response / Package / Postage / HSCodeEnforced	Optional	Returns when <ReturnHSCodeReqd>="Y" (Yes). When <HSCodeEnforced>=True, indicates which APO/FPO/DPO destinations enforce valid Harmonization Code and Content/Item descriptions because of new international shipping regulatory mandates. Harmonization Codes and Content descriptions will be required when generating a shipping label or else API errors will return.	String	Enumerations= <ul style="list-style-type: none"> • True • False
RateV4Response / Package / Restriction / Restrictions	Required	APO/FPO Restrictions provided if the Destination ZIP Code is an APO/FPO ZIP Code.	String	
RateV4Response / Package / Error	if used: Required	Error document (indicates request could not be completed).		See the Error Responses section below.
RateV4Response	Required		(alias)	

2.3.1 Sample Response

Response: RateV4:

```

<RateV4Response>
  <Package ID="0">
    <ZipOrigination>22201</ZipOrigination>
    <ZipDestination>26301</ZipDestination>
    <Pounds>8</Pounds>
    <Ounces>2</Ounces>
    <Container>VARIABLE</Container>
    <Zone>3</Zone>
    <Postage CLASSID="1">
      <MailService>Priority Mail&lt;sup&gt;&#174;&lt;/sup&gt;</MailService>
      <Rate>15.05</Rate>
      <SpecialServices>
        <SpecialService>
          <ServiceID>119</ServiceID>
          <ServiceName>Adult Signature Required</ServiceName>
          <Available>>true</Available>
          <Price>9.05</Price>
        </SpecialService>
        <SpecialService>
          <ServiceID>120</ServiceID>
          <ServiceName>Adult Signature Restricted Delivery</ServiceName>
          <Available>>true</Available>
          <Price>9.35</Price>
        </SpecialService>
        <SpecialService>
          <ServiceID>104</ServiceID>
          <ServiceName>Certificate of Mailing (Form 3817)</ServiceName>
          <Available>>true</Available>
      </SpecialServices>
    </Postage CLASSID="1">
  </Package ID="0">
</RateV4Response>

```

```
<Price>1.85</Price>
</SpecialService>
<SpecialService>
  <ServiceID>105</ServiceID>
  <ServiceName>Certified
Mail&lt;sup&gt;&#174;&lt;/sup&gt;</ServiceName>
  <Available>true</Available>
  <Price>4.15</Price>
</SpecialService>
<SpecialService>
  <ServiceID>170</ServiceID>
  <ServiceName>Certified Mail&lt;sup&gt;&#174;&lt;/sup&gt; Restricted
Delivery</ServiceName>
  <Available>true</Available>
  <Price>10.80</Price>
</SpecialService>
<SpecialService>
  <ServiceID>171</ServiceID>
  <ServiceName>Certified Mail&lt;sup&gt;&#174;&lt;/sup&gt; Adult
Signature Required</ServiceName>
  <Available>true</Available>
  <Price>10.80</Price>
</SpecialService>
<SpecialService>
  <ServiceID>172</ServiceID>
  <ServiceName>Certified Mail&lt;sup&gt;&#174;&lt;/sup&gt; Adult
Signature Restricted Delivery</ServiceName>
  <Available>true</Available>
  <Price>10.80</Price>
</SpecialService>
<SpecialService>
  <ServiceID>103</ServiceID>
  <ServiceName>Collect on Delivery</ServiceName>
  <Available>true</Available>
  <Price>9.60</Price>
  <DeclaredValueRequired>true</DeclaredValueRequired>
  <DueSenderRequired>>false</DueSenderRequired>
</SpecialService>
<SpecialService>
  <ServiceID>175</ServiceID>
  <ServiceName>Collect on Delivery Restricted Delivery</ServiceName>
  <Available>true</Available>
  <Price>16.15</Price>
  <DeclaredValueRequired>true</DeclaredValueRequired>
  <DueSenderRequired>>false</DueSenderRequired>
</SpecialService>
<SpecialService>
  <ServiceID>125</ServiceID>
  <ServiceName>Insurance</ServiceName>
  <Available>true</Available>
  <Price>0.00</Price>
  <DeclaredValueRequired>true</DeclaredValueRequired>
  <DueSenderRequired>>false</DueSenderRequired>
</SpecialService>
<SpecialService>
  <ServiceID>179</ServiceID>
```

```

    <ServiceName>Insurance Restricted Delivery</ServiceName>
    <Available>true</Available>
    <Price>0.00</Price>
    <DeclaredValueRequired>true</DeclaredValueRequired>
    <DueSenderRequired>false</DueSenderRequired>
  </SpecialService>
  <SpecialService>
    <ServiceID>109</ServiceID>
    <ServiceName>Registered
Mail&lt;sup&gt;&#8482;&lt;/sup&gt;&lt;/ServiceName>
    <Available>true</Available>
    <Price>15.25</Price>
    <DeclaredValueRequired>true</DeclaredValueRequired>
    <DueSenderRequired>false</DueSenderRequired>
  </SpecialService>
  <SpecialService>
    <ServiceID>176</ServiceID>
    <ServiceName>Registered Mail&lt;sup&gt;&#8482;&lt;/sup&gt; Restricted
Delivery</ServiceName>
    <Available>true</Available>
    <Price>21.80</Price>
    <DeclaredValueRequired>true</DeclaredValueRequired>
    <DueSenderRequired>false</DueSenderRequired>
  </SpecialService>
  <SpecialService>
    <ServiceID>181</ServiceID>
    <ServiceName>Scan Retention</ServiceName>
    <Available>true</Available>
    <Price>0.99</Price>
    <DeclaredValueRequired>false</DeclaredValueRequired>
    <DueSenderRequired>false</DueSenderRequired>
  </SpecialService>
  <SpecialService>
    <ServiceID>183</ServiceID>
    <ServiceName>USPS Label Delivery Service</ServiceName>
    <Available>true</Available>
    <Price>1.25</Price>
  </SpecialService>
  <SpecialService>
    <ServiceID>108</ServiceID>
    <ServiceName>Signature
Confirmation&lt;sup&gt;&#8482;&lt;/sup&gt;&lt;/ServiceName>
    <Available>true</Available>
    <Price>3.80</Price>
  </SpecialService>
  <SpecialService>
    <ServiceID>173</ServiceID>
    <ServiceName>Signature Confirmation&lt;sup&gt;&#8482;&lt;/sup&gt;
Restricted Delivery</ServiceName>
    <Available>true</Available>
    <Price>10.35</Price>
  </SpecialService>
  <SpecialService>
    <ServiceID>156</ServiceID>
    <ServiceName>Signature Confirmation&lt;sup&gt;&#8482;&lt;/sup&gt;
Electronic</ServiceName>

```

```

    <Available>true</Available>
    <Price>3.25</Price>
  </SpecialService>
  <SpecialService>
    <ServiceID>174</ServiceID>
    <ServiceName>Signature Confirmation&lt;sup&gt;&#8482;&lt;/sup&gt;&lt;/ServiceName>
Electronic Restricted Delivery</ServiceName>
    <Available>true</Available>
    <Price>9.80</Price>
  </SpecialService>
  <SpecialService>
    <ServiceID>106</ServiceID>
    <ServiceName>USPS
Tracking&lt;sup&gt;&#174;&lt;/sup&gt;&lt;/ServiceName>
    <Available>true</Available>
    <Price>0.00</Price>
  </SpecialService>
  <SpecialService>
    <ServiceID>155</ServiceID>
    <ServiceName>USPS Tracking&lt;sup&gt;&#174;&lt;/sup&gt;&lt;/ServiceName>
Electronic</ServiceName>
    <Available>true</Available>
    <Price>0.00</Price>
  </SpecialService>
</SpecialServices>
</Postage>
</Package>
</RateV4Response>

```

Response: RateV4 Military APO Example:

```

<RateV4Response>
  <Package ID="1">
    <ZipOrigination>18702</ZipOrigination>
    <ZipDestination>09067</ZipDestination>
    <Pounds>2</Pounds>
    <Ounces>0</Ounces>
    <Container>VARIABLE</Container>
    <Zone>5</Zone>
    <Postage CLASSID="1">
      <MailService>Priority Mail&lt;sup&gt;&#174;&lt;/sup&gt;&lt;/MailService>
      <Rate>12.75</Rate>
      <SpecialServices>
        <SpecialService>
          <ServiceID>104</ServiceID>
          <ServiceName>Certificate of Mailing (Form 3817)</ServiceName>
          <Available>true</Available>
          <Price>1.75</Price>
        </SpecialService>
        <SpecialService>
          <ServiceID>105</ServiceID>
          <ServiceName>Certified
Mail&lt;sup&gt;&#174;&lt;/sup&gt;&lt;/ServiceName>
          <Available>true</Available>
          <Price>4.00</Price>
        </SpecialService>
      </SpecialServices>
    </Postage>
  </Package>
</RateV4Response>

```

```

        <ServiceID>170</ServiceID>
        <ServiceName>Certified Mail&lt;sup&gt;&#174;&lt;/sup&gt; Restricted
Delivery</ServiceName>
        <Available>true</Available>
        <Price>10.35</Price>
    </SpecialService>
    <SpecialService>
        <ServiceID>125</ServiceID>
        <ServiceName>Insurance</ServiceName>
        <Available>true</Available>
        <Price>0.00</Price>
        <DeclaredValueRequired>true</DeclaredValueRequired>
        <DueSenderRequired>>false</DueSenderRequired>
    </SpecialService>
    <SpecialService>
        <ServiceID>179</ServiceID>
        <ServiceName>Insurance Restricted Delivery</ServiceName>
        <Available>true</Available>
        <Price>0.00</Price>
        <DeclaredValueRequired>true</DeclaredValueRequired>
        <DueSenderRequired>>false</DueSenderRequired>
    </SpecialService>
    <SpecialService>
        <ServiceID>109</ServiceID>
        <ServiceName>Registered
Mail&lt;sup&gt;&#8482;&lt;/sup&gt;</ServiceName>
        <Available>true</Available>
        <Price>14.65</Price>
        <DeclaredValueRequired>true</DeclaredValueRequired>
        <DueSenderRequired>>false</DueSenderRequired>
    </SpecialService>
    <SpecialService>
        <ServiceID>176</ServiceID>
        <ServiceName>Registered Mail&lt;sup&gt;&#8482;&lt;/sup&gt; Restricted
Delivery</ServiceName>
        <Available>true</Available>
        <Price>20.90</Price>
        <DeclaredValueRequired>true</DeclaredValueRequired>
        <DueSenderRequired>>false</DueSenderRequired>
    </SpecialService>
    <SpecialService>
        <ServiceID>181</ServiceID>
        <ServiceName>Scan Retention</ServiceName>
        <Available>true</Available>
        <Price>0.99</Price>
        <DeclaredValueRequired>>false</DeclaredValueRequired>
        <DueSenderRequired>>false</DueSenderRequired>
    </SpecialService>
    <SpecialService>
        <ServiceID>106</ServiceID>
        <ServiceName>USPS
Tracking&lt;sup&gt;&#174;&lt;/sup&gt;</ServiceName>
        <Available>true</Available>
        <Price>0.00</Price>
    </SpecialService>
    <SpecialService>

```



```

        <ServiceID>155</ServiceID>
        <ServiceName>USPS Tracking&lt;sup&gt;&#174;&lt;/sup&gt;
Electronic</ServiceName>
        <Available>true</Available>
        <Price>0.00</Price>
        </SpecialService>
    </SpecialServices>
    <HSCodeReqd>True</HSCodeReqd>
</Postage>
<Restriction>
    <Restrictions>B. Other than for PMEMS and the exceptions listed below, a customs declaration PS
Form 2976 or PS Form 2976-A is required for all items weighing 16 ounces or more, and for all items
(regardless of weight) containing potentially dutiable mail contents (e.g., merchandise or goods) addressed to
or from this ZIP Code. Other than the exceptions listed below, all PMEMS mailpieces (regardless of mail
contents or weight) addressed to or from this ZIP Code must bear a properly completed PS Form 2976-B. The
surface area of the address side of the mailpiece must be large enough to contain the applicable customs
declaration. The following exceptions apply to known mailers, who for this purpose are defined as follows:B.
Business mailers who enter volume mailings through business mail entry units or other bulk mail acceptance
locations, pay postage through advance deposit accounts, use permit imprints for postage payment, and
submit completed postage statements at the time of entry that certify that the mailpieces contain no dangerous
materials that are prohibited by postal regulations. Such business mailers are exempt from providing customs
documentation on non-dutiable letters and printed matter.B. All federal, state, and local government agencies
whose mailings are regarded as "Official Mail." Such agencies are exempt from providing customs
documentation, except for any items addressed to an MPO or DPO to which restriction "B2" applies. C.
Cigarettes and other tobacco products, including tobacco leaves, chewing and pipe tobacco, snuff, and cigars
are prohibited, including those that are authorized in Publication 52 under PACT. C2. E-cigarettes and related
products (e.g., nicotine liquids, e-liquids, parts, or supplies) are prohibited. D. Coffee is prohibited. E. Medicines
(prescription, over-the-counter, vitamins, and supplements) are prohibited when mailed to individuals for human
or animal use. This prohibition does not apply when medicines are sent as Official Mail only between
specifically designated agencies such as pharmaceutical distributors, hospitals, clinics, and pharmacies. U.
Mail addressed to Retirees (Box R) is limited to 16 ounces and up to a 90-day supply of TRICARE medications.
This restriction does not apply to mail endorsed "Free Matter for the Blind or Handicapped." F3. Replica
weapons and inert explosive devices (such as grenades) and weapons parts are prohibited. H. Meats,
including preserved meats, bones, skin, hair, feathers, horns or hoofs of hoofed animals, and wool samples
whether hermetically sealed or not, are prohibited. M. Fruits, vegetables, live animals, and live plants are
prohibited. R. All alcoholic beverages, including those mailable under Publication 52, Part 421, are prohibited.
S. Synthetic cannabinoids used to stimulate the central nervous system commonly known as "synthetic
marijuana," "K2," or "Spice" are prohibited. F. Firearms of any type are prohibited, except firearms mailed to or
by official U.S. government agencies. This restriction does not apply to firearms mailed from this MPO ZIP
Code, provided ATF and USPS regulations are met. Antique firearms do not require an ATF form.
</Restrictions>
    </Restriction>
</Package>
</RateV4Response>

```

Response: RateV4 – Non Standard Fee Example

```

<RateV4Response>
    <Package ID="1">
        <ZipOrigination>18702</ZipOrigination>
        <ZipDestination>16901</ZipDestination>
        <Pounds>1</Pounds>
        <Ounces>2</Ounces>
        <Machinable>FALSE</Machinable>
        <Zone>2</Zone>
        <Postage CLASSID="4058">

```

```

    <MailService>USPS Ground Advantage&lt;sup&gt;&#8482;&lt;/sup&gt;
HAZMAT</MailService>
    <Rate>113.55</Rate>
    <Fees>
      <Fee>
        <FeeType>Nonstandard Length fee > 30 in.</FeeType>
        <FeePrice>7.00</FeePrice>
        <FeeInformation>
          <FeeInfo FeeInfoType="PriceType">Rate</FeeInfo>
        </FeeInformation>
      </Fee>
      <Fee>
        <FeeType>Nonstandard Volume fee > 2 cu. ft.</FeeType>
        <FeePrice>15.00</FeePrice>
        <FeeInformation>
          <FeeInfo FeeInfoType="PriceType">Rate</FeeInfo>
        </FeeInformation>
      </Fee>
    </Fees>
    <Attributes>
      <Attribute Key="Oversized">true</Attribute>
    </Attributes>
  </Postage>
  <Postage CLASSID="1058">
    <MailService>USPS Ground
Advantage&lt;sup&gt;&#8482;&lt;/sup&gt;</MailService>
    <Rate>113.55</Rate>
    <Fees>
      <Fee>
        <FeeType>Nonstandard Length fee > 30 in.</FeeType>
        <FeePrice>7.00</FeePrice>
        <FeeInformation>
          <FeeInfo FeeInfoType="PriceType">Rate</FeeInfo>
        </FeeInformation>
      </Fee>
      <Fee>
        <FeeType>Nonstandard Volume fee > 2 cu. ft.</FeeType>
        <FeePrice>15.00</FeePrice>
        <FeeInformation>
          <FeeInfo FeeInfoType="PriceType">Rate</FeeInfo>
        </FeeInformation>
      </Fee>
    </Fees>
    <Attributes>
      <Attribute Key="Oversized">true</Attribute>
    </Attributes>
  </Postage>
  <Postage CLASSID="2058">
    <MailService>USPS Ground Advantage&lt;sup&gt;&#8482;&lt;/sup&gt; Hold
For Pickup</MailService>
    <Rate>113.55</Rate>
    <Fees>
      <Fee>
        <FeeType>Nonstandard Length fee > 30 in.</FeeType>
        <FeePrice>7.00</FeePrice>
        <FeeInformation>

```

```

        <FeeInfo FeeInfoType="PriceType">Rate</FeeInfo>
    </FeeInformation>
</Fee>
<Fee>
    <FeeType>Nonstandard Volume fee > 2 cu. ft.</FeeType>
    <FeePrice>15.00</FeePrice>
    <FeeInformation>
        <FeeInfo FeeInfoType="PriceType">Rate</FeeInfo>
    </FeeInformation>
</Fee>
</Fees>
<Attributes>
    <Attribute Key="Oversized">>true</Attribute>
</Attributes>
</Postage>
<Postage CLASSID="6058">
    <MailService>USPS Ground Advantage&lt;sup&gt;&#8482;&lt;/sup&gt; Parcel
Locker</MailService>
    <Rate>113.55</Rate>
    <Fees>
        <Fee>
            <FeeType>Nonstandard Length fee > 30 in.</FeeType>
            <FeePrice>7.00</FeePrice>
            <FeeInformation>
                <FeeInfo FeeInfoType="PriceType">Rate</FeeInfo>
            </FeeInformation>
        </Fee>
        <Fee>
            <FeeType>Nonstandard Volume fee > 2 cu. ft.</FeeType>
            <FeePrice>15.00</FeePrice>
            <FeeInformation>
                <FeeInfo FeeInfoType="PriceType">Rate</FeeInfo>
            </FeeInformation>
        </Fee>
    </Fees>
<Attributes>
    <Attribute Key="Oversized">>true</Attribute>
</Attributes>
</Postage>
</Package>
</RateV4Response>

```

RateV4 Response - <Service DelOpt = Parcel Locker> Example

```

<RateV4Response>
    <Package ID="1">
        <ZipOrigination>20770</ZipOrigination>
        <ZipDestination>54324</ZipDestination>
        <Pounds>0</Pounds>
        <Ounces>1</Ounces>
        <Machinable>TRUE</Machinable>
        <Zone>5</Zone>
        <Postage CLASSID="6058">
            <MailService>USPS Ground Advantage&lt;sup&gt;&#8482;&lt;/sup&gt; Parcel
Locker</MailService>
            <Rate>5.05</Rate>
        </Postage>
    </Package>
</RateV4Response>

```

```

<Postage CLASSID="6001">
  <MailService>Priority Mail Express 2-Day&lt;sup&gt;&#174;&lt;/sup&gt; Parcel
Locker</MailService>
  <Rate>35.50</Rate>
  <CommitmentDate>2023-08-04</CommitmentDate>
  <CommitmentName>2-Day</CommitmentName>
</Postage>
<Postage CLASSID="6010">
  <MailService>Priority Mail&lt;sup&gt;&#174;&lt;/sup&gt; Parcel
Locker</MailService>
  <Rate>10.65</Rate>
  <CommitmentDate>2023-08-05</CommitmentDate>
  <CommitmentName>2-Day</CommitmentName>
</Postage>
<Postage CLASSID="6096">
  <MailService>USPS Ground Advantage&lt;sup&gt;&#8482;&lt;/sup&gt; Cubic
Parcel Locker</MailService>
  <Rate>0.00</Rate>
  <CommercialRate>6.88</CommercialRate>
</Postage>
<Postage CLASSID="6012">
  <MailService>Priority Mail&lt;sup&gt;&#174;&lt;/sup&gt; Large Flat Rate Box
Parcel Locker</MailService>
  <Rate>22.80</Rate>
  <MaxDimensions>USPS-Produced Box: 12-1/4"(L) X 12"(W) X 6"(H)</MaxDimensions>
  <CommitmentDate>2023-08-05</CommitmentDate>
  <CommitmentName>2-Day</CommitmentName>
</Postage>
<Postage CLASSID="6013">
  <MailService>Priority Mail&lt;sup&gt;&#174;&lt;/sup&gt; Medium Flat Rate
Box Parcel Locker</MailService>
  <Rate>17.10</Rate>
  <MaxDimensions>USPS-Produced Box: 13-5/8" x 11-7/8" x 3-3/8" or 11" x 8-1/2" x 5-
1/2"</MaxDimensions>
  <CommitmentDate>2023-08-05</CommitmentDate>
  <CommitmentName>2-Day</CommitmentName>
</Postage>
<Postage CLASSID="6014">
  <MailService>Priority Mail&lt;sup&gt;&#174;&lt;/sup&gt; Small Flat Rate Box
Parcel Locker</MailService>
  <Rate>10.20</Rate>
  <MaxDimensions>USPS-Produced Box: 8-5/8" x 5-3/8" x 1-5/8"</MaxDimensions>
  <CommitmentDate>2023-08-05</CommitmentDate>
  <CommitmentName>2-Day</CommitmentName>
</Postage>
<Postage CLASSID="6076">
  <MailService>Media Mail Parcel Parcel Locker</MailService>
  <Rate>3.92</Rate>
</Postage>
<Postage CLASSID="6075">
  <MailService>Library Mail Parcel Parcel Locker</MailService>
  <Rate>3.72</Rate>
</Postage>
</Package>
</RateV4Response>

```

2.4 Error Responses

Error conditions are handled at the main XML document level and Package node level. When parsing, it is best to check for an error document first before checking for good data. Error documents have the following format:

```
<Error>
  <Number></Number>
  <Source></Source>
  <Description></Description>
  <HelpFile></HelpFile>
  <HelpContext></HelpContext>
</Error>
```

Where:

- Number = the error number generated by the Web Tools server.
- Source = the component and interface that generated the error on the Web Tools server.
- Description = the error description.
- HelpFile = [reserved for future use].
- HelpContext = [reserved for future use].

Errors that are further down in the hierarchy also follow the above format. An <Error> element may be returned at the top (response) level if there is a problem with the syntax of the request, or if a system error occurs. But if there is a problem with a specific Package within the request, an <Error> element will be returned within the <Package> element that pertains to the specific package ID. Since the RateV4 API allows you to submit multiple packages within a single request document, the response may contain a mix of domestic rate information and errors. For requests containing multiple package IDs, you need to check if there is an <Error> within a given <Package> element, as well as checking for an error at the top level for example:

```
<RateV4Response>
  <Package ID="0">
    <ZipOrigination>07747</ZipOrigination>
    <ZipDestination>90210</ZipDestination>
    <Pounds>11</Pounds>
    <Ounces>4</Ounces>
    <Container></Container>
    <Zone>8</Zone>
    <Postage CLASSID="3">
      <MailService>Priority Mail
Express&lt;sup&gt;&#8482;&lt;/sup&gt;</MailService>
      <Rate>92.85</Rate>
    </Postage>
  </Package>
  <Package ID="1">
    <Error>
      <Number>-2147219498</Number>
      <Source>DomesticRatesV4;RateEngineV4.ProcessRequest</Source>
      <Description>Please enter a valid ZIP Code for the sender. </Description>
      <HelpFile></HelpFile>
      <HelpContext>1000440</HelpContext>
    </Error>
  </Package>
</RateV4Response>
```

3.0 International Rates API – IntlRateV2

3.1 Overview

The IntlRateV2 API lets customers calculate the rate for international packages and envelopes given the weight and dimensions of the item. The IntlRateV2 API limits the data requested to twenty-five (25) packages per transaction. For specifications such as package dimensions, delivery information, etc, please refer to the International Mail Manual (IMM) at <http://pe.usps.com/>.

3.1.1 API Signature

Scheme	Host	Path	API	XML
https://	secure.shippingapis.com	/ShippingAPI.dll?	API=IntlRateV2	&XML=(see below)

Note: GET HTTP requests have length restrictions, whereas POST HTTP requests do not. Please take this under consideration when determining the request-response method that you choose.

3.2 Request Descriptions

Tag Name	Occurs	Description	Type	Validation
IntlRateV2Request	Required	API=IntlRateV2 This API returns the current international USPS postage corresponding to the parameters given.	(Group)	
IntlRateV2Request / USERID	Required	This attribute specifies your Web Tools user ID. See the Developer's Guide for information on obtaining your USERID. For Example: USERID="XXXXXXX"	NMTOKEN	
IntlRateV2Request / PASSWORD	Optional	This attribute specifies your Web Tools password. See the Developer's Guide for information on your Password. For Example: PASSWORD="XXXXXXX"	NMTOKEN	
IntlRateV2Request / Revision	Optional	Set this value to "2" to return all currently documented response fields. For example: <Revision>2</Revision>	String	
IntlRateV2Request / Package	Required repeating up to 25 times	Opening Package tag.	(Group)	

Tag Name	Occurs	Description	Type	Validation
IntlRateV2Request / Package / ID	Required	No restriction on number or type of characters provided valid XML syntax and unique to request. For example: <Package ID="0">...</Package>	NMTOKEN	
IntlRateV2Request / Package / Pounds	Required	Value must be numeric. Package weight generally cannot exceed 70 pounds. Maximum Decimal places are 8. Refer to the International Mail Manual (IMM) for weight requirements per country and mail service. The IMM can be found at the Postal Explorer web site . For example: <Pounds>2</Pounds> <Pounds>2.12345678</Pounds>	Integer	minInclusive=0
IntlRateV2Request / Package / Ounces	Required	Value must be numeric. Package weight generally cannot exceed 70 pounds. Maximum Decimal places are 8. Refer to the International Mail Manual (IMM) for weight requirements per country and mail service. The IMM can be found at the Postal Explorer web site . For example: <Ounces>4</Ounces> <Ounces>4.12345678</Ounces>	Decimal	minInclusive=0.0
IntlRateV2Request / Package / Machinable	Optional	Indicates whether or not the item is machinable. A surcharge is applied to a First-Class Mail International item if it has one or more non-machinable characteristics. See International Mail Manual (IMM) Section 241.217 for more information. For example: <Machinable>True</Machinable>	Boolean	default=true

Tag Name	Occurs	Description	Type	Validation
IntlRateV2Request / Package / MailType	Required	<p>Package type being shipped.</p> <p>For example: <MailType>Package</MailType></p> <p>Note: Airmail M-Bag prices will return for retail pricing when available including when <MailType>="ALL." Reference https://pe.usps.com/text/imm/immc2_026.htm for M-Bag pricing details.</p> <p>Note: When <MailType>= "ALL" is indicated in XML request and a <TrackingRetentionPeriod> value is not specified, the lowest tracking retention period values (i.e., "0.5" (6 months) for ServiceID="181" and "3" (3 years) for ServiceID="182") will be used to return available USPS Tracking Plus extra service options for supported mail services.</p>	String	<p>Default = NONE</p> <p>Enumerations=</p> <ul style="list-style-type: none"> • ALL • PACKAGE • POSTCARDS • ENVELOPE • LETTER • LARGEENVELOPE • FLATRATE • AIRMAIL MBAG
IntlRateV2Request / Package / ValueOfContents	Required	<p>If specified, used to compute Insurance fee (if insurance is available for service and destination).</p> <p>For example: <ValueOfContents>103.00</ValueOfContents></p>	String	
IntlRateV2Request / Package / Country	Required	<p>Entries must be from the USPS list of valid countries from the International Country Listings. To access the International Country Listings, go to the Index of Countries and Localities.</p> <p>For example: <Country>Albania</Country></p>	String	
IntlRateV2Request / Package / Container	Optional	<p>Used to specify a container. When package is a roll, integrators should pass <Container>= "ROLL" in XML request. If package is not a roll, integrators should not populate – label response will assume package is not a roll.</p> <p>Note: When <Container>= "ROLL", errors will return if dimensions provided in XML request do not meet IMM 251.22 requirements. https://pe.usps.com/text/imm/immc2_021.htm.</p>	String	<p>Enumerations=</p> <ul style="list-style-type: none"> • VARIABLE • RECTANGULAR • ROLL

Tag Name	Occurs	Description	Type	Validation
IntlRateV2Request / Package / Size	Deprecated	<p>Note: This tag has been deprecated</p> <p><Size> tag and any values within the <Size> tag will not result in an error response and will not impact rates that are returned.</p>	String	
IntlRateV2Request / Package / Width	Optional	<p>Value must be numeric. Units are inches. If partial dimensions are provided, an error response will return. Length, Width, Height are required for accurate pricing of a rectangular package when any dimension of the item exceeds 12 inches. In addition, Girth is required only for a non-rectangular package in addition to Length, Width, Height when any dimension of the package exceeds 12 inches. For rectangular packages, the Girth dimension must be left blank as this dimension is to only be used for non-rectangular packages.</p> <p>For more details on dimensional weight pricing or dimension validation reference IMM https://pe.usps.com/text/imm/welcome.htm</p>	Integer	minExclusive=0
IntlRateV2Request / Package / Length	Optional	<p>Value must be numeric. Units are inches. If partial dimensions are provided, an error response will return. Length, Width, Height are required for accurate pricing of a rectangular package when any dimension of the item exceeds 12 inches. In addition, Girth is required only for a non-rectangular package in addition to Length, Width, Height when any dimension of the package exceeds 12 inches. For rectangular packages, the Girth dimension must be left blank as this dimension is to only be used for non-rectangular packages.</p> <p>For more details on dimensional weight pricing or dimension validation reference IMM https://pe.usps.com/text/imm/welcome.htm</p>	Integer	minExclusive=0

Tag Name	Occurs	Description	Type	Validation
IntlRateV2Request / Package / Height	Optional	<p>Value must be numeric. Units are inches. If partial dimensions are provided, an error response will return. Length, Width, Height are required for accurate pricing of a rectangular package when any dimension of the item exceeds 12 inches. In addition, Girth is required only for a non-rectangular package in addition to Length, Width, Height when any dimension of the package exceeds 12 inches. For rectangular packages, the Girth dimension must be left blank as this dimension is to only be used for non-rectangular packages.</p> <p>For more details on dimensional weight pricing or dimension validation reference IMM https://pe.usps.com/text/imm/welcome.htm</p>	Integer	minExclusive=0
IntlRateV2Request / Package / Girth	Optional	<p>Value must be numeric. Units are inches. If partial dimensions are provided, an error response will return. Length, Width, Height are required for accurate pricing of a rectangular package when any dimension of the item exceeds 12 inches. In addition, Girth is required only for a non-rectangular package in addition to Length, Width, Height when any dimension of the package exceeds 12 inches. For rectangular packages, the Girth dimension must be left blank as this dimension is to only be used for non-rectangular packages.</p> <p>For more details on dimensional weight pricing or dimension validation reference IMM https://pe.usps.com/text/imm/welcome.htm</p>	Integer	minExclusive=0
IntlRateV2Request / Package / OriginZip	Optional	<p>Available when Revision= "2".</p> <p>Origin ZIP Code is required to determine Priority Mail International price to Canadian destinations. The Origin ZIP Code must be valid.</p> <p>For example: <OriginZip>20770</OriginZip></p>	String	length=5 pattern=\d{5}

Tag Name	Occurs	Description	Type	Validation
IntlRateV2Request / Package / CommercialFlag	Optional	Returns commercial base postage. For example: <CommercialFlag>Y<CommercialFlag>	String	Enumerations= <ul style="list-style-type: none"> • Y • N
IntlRateV2Request / Package / CommercialPlusFlag	Optional	Returns commercial plus postage. For example: <CommercialPlusFlag>Y<CommercialPlusFlag>	String	Enumerations= <ul style="list-style-type: none"> • Y • N
IntlRateV2Request / Package / ExtraServices	Optional	Available when IntlRateV2Request[Revision='2']. Groups the ExtraService elements.	(Group)	
IntlRateV2Request / Package / ExtraServices / ExtraService	Required , repeating up to 6 times	Available when IntlRateV2Request[Revision='2']. Defines extra services in order to determine price and availability of additional services. An initial rate call <u>without</u> the ExtraService tag specified is recommended to determine base availability of extra services for each mail service. The extra service definitions are as follows:	Integer	Enumerations= <ul style="list-style-type: none"> • 103 • 108 • 105 • 100 • 109 • 181 • 182

Extra Service Name	ServiceID
Registered Mail	103
Insurance – Priority Mail International	108
Return Receipt	105
Certificate of Mailing	100
Electronic USPS Delivery Confirmation International	109
Scan Retention	181
Scan + Signature Retention	182

Tag Name	Occurs	Description	Type	Validation
IntlRateV2Request/Package/AcceptanceDateTime	Optional	Available when IntlRateV2Request[Revision='2']. Date and Time the package is accepted by USPS. The AcceptanceDateTime tag along with the DestinationPostalCode and OriginZip is used to calculate the GuaranteeAvailability and also GuaranteeAvailability response tag for PMEI services in Kahala countries. ISO 8601 formatted date. YYYY-MM-DDThh:mm:ss+/-hh:mm For example, 2014-01-22T14:30:51-06:00	DateTime	
IntlRateV2Request/Package/DestinationPostalCode	Optional	Available when IntlRateV2Request[Revision='2']. Destination Postal Code The AcceptanceDateTime tag along with the DestinationPostalCode and OriginZip is used to calculate the GuaranteeAvailability and also GuaranteeAvailability response tag for PMEI services in Kahala countries.	String	
IntlRateV2Request / Package / Content	Optional	Used to describe the contents of the package.	(Group)	
IntlRateV2Request / Package / Content / ContentType	Required if Content supplied.	Contains the enumerated description of the items in the package. “NonnegotiableDocument” and “Documents” both signify mailable non-negotiable documents and are insured automatically for up to \$100, though Insurance will not be returned as an extra service. Additional Insurance cannot be purchased. Any non-document ContentType values are insured automatically for up to \$200 and Insurance will be returned as an explicit extra service in the response. Additional Insurance can be purchased for values \$200 and greater.	String	Enumerations= <ul style="list-style-type: none">• CrematedRemains• NonnegotiableDocument• Pharmaceuticals• MedicalSupplies• Documents
IntlRateV2Request / Package / Content / ContentDescription	Optional	For future use	String	

Tag Name	Occurs	Description	Type	Validation																		
IntlRateV2Request / Package / TrackingRetentionPeriod	Optional	<p>Used to determine period of Retention for tracking data.</p> <p>Note: When <ExtraService>= "181" or "182" provided in XML request, a valid <TrackingRetentionPeriod> (see table below) is required otherwise a new error will return to indicate the specified ServiceID and Tracking Retention period combination is invalid.</p> <table border="1"> <thead> <tr> <th>ServiceID</th> <th><TrackingRetentionPeriod></th> </tr> </thead> <tbody> <tr> <td>181</td> <td>"0.5" (6 Months)</td> </tr> <tr> <td>181</td> <td>"1" (1 Year)</td> </tr> <tr> <td>181</td> <td>"3" (3 Years)</td> </tr> <tr> <td>181</td> <td>"5" (5 Years)</td> </tr> <tr> <td>181</td> <td>"7" (7 Years)</td> </tr> <tr> <td>182</td> <td>"3" (3 Years)</td> </tr> <tr> <td>182</td> <td>"5" (5 Years)</td> </tr> <tr> <td>182</td> <td>"7" (7 Years)</td> </tr> </tbody> </table>	ServiceID	<TrackingRetentionPeriod>	181	"0.5" (6 Months)	181	"1" (1 Year)	181	"3" (3 Years)	181	"5" (5 Years)	181	"7" (7 Years)	182	"3" (3 Years)	182	"5" (5 Years)	182	"7" (7 Years)	String	minOccurs=0 maxOccurs=1 Enumerations= <ul style="list-style-type: none"> • 0.5 • 1 • 3 • 5 • 7
ServiceID	<TrackingRetentionPeriod>																					
181	"0.5" (6 Months)																					
181	"1" (1 Year)																					
181	"3" (3 Years)																					
181	"5" (5 Years)																					
181	"7" (7 Years)																					
182	"3" (3 Years)																					
182	"5" (5 Years)																					
182	"7" (7 Years)																					
IntlRateV2Request / Package / ReturnHSCCodeReqd	Optional	<p>When this tag is set to "Y" for Yes then <HSCCodeReqd> and <HSCCodeEnforced> will return, which is an indicator for which destinations will require valid Harmonization Code and Content/Item descriptions because of new international shipping regulatory mandates.</p> <p>Per international shipping regulatory mandates, shipments to European Union (EU) countries are required to contain a valid Harmonization Code and Content/Item description. Harmonization Code (i.e., HS Tariff Number) must be based on the Harmonized Commodity Description and Coding System developed by the World Customs Organization. To learn more about providing acceptable item descriptions, view the chart below or read the EU's guidance on acceptable terms at Guidance on Acceptable and Unacceptable Terms for the Description of Goods.</p>		Default= N Enumerations= <ul style="list-style-type: none"> • Y (Yes) • N (No) 																		
IntlRateV2Request	Required once		(alias)																			

3.2.1 Sample Requests

```

Request: IntlRateV2:
IntlRateV2Request USERID="XXXXXXXXXX" PASSWORD="">
  <Revision>2</Revision>
    
```

```

<Package ID="1ST">
  <Pounds>15.12345678</Pounds>
  <Ounces>0</Ounces>
  <Machinable>True</Machinable>
  <MailType>Package</MailType>
  <ValueOfContents>200</ValueOfContents>
  <Country>United Kingdom</Country>
  <Container>VARIABLE</Container>
  <Width>10</Width>
  <Length>15</Length>
  <Height>10</Height>
  <Girth>0</Girth>
  <OriginZip>18701</OriginZip>
  <CommercialFlag>N</CommercialFlag>
  <AcceptanceDateTime>2023-07-15T13:15:00-06:00</AcceptanceDateTime>
  <DestinationPostalCode>2046</DestinationPostalCode>
  <ReturnHSCodeReqd>Y</ReturnHSCodeReqd>
</Package>
<Package ID="2ND">
  <Pounds>2</Pounds>
  <Ounces>0</Ounces>
  <MailType>All</MailType>
  <ValueOfContents>95.75</ValueOfContents>
  <Country>Kazakhstan</Country>
  <Container>RECTANGULAR</Container>
  <Width>5</Width>
  <Length>10</Length>
  <Height>3</Height>
  <Girth>0</Girth>
  <OriginZip></OriginZip>
  <CommercialFlag>N</CommercialFlag>
  <ReturnHSCodeReqd>N</ReturnHSCodeReqd>
</Package>
</IntlRateV2Request>

```

3.3 Response Descriptions

Tag Name	Occurs	Description	Type	Validation
IntlRateV2Response	Required	Opening document tag.	(Group)	
IntlRateV2Response / Package	Required repeating up to 25 times	Corresponds to each "Package" node in the request. Each "Package" node will contain either an "Error" node or the rate results.	(Group)	
IntlRateV2Response / Package / ID	required	Package Identification Number (matches IntlRateV2Request/Package/ID)	NMTOKE N	
IntlRateV2Response / Package / Prohibitions	Required	Prohibitions	String	
IntlRateV2Response / Package / Restrictions	Required	Restrictions	String	

Tag Name	Occurs	Description	Type	Validation
IntlRateV2Response / Package / Observations	Required	Observations	String	
IntlRateV2Response / Package / CustomsForms	Required	Customs Forms	String	
IntlRateV2Response / Package / ExpressMail	Required	Express Mail	String	
IntlRateV2Response / Package / AreasServed	Required	Areas Served	String	
IntlRateV2Response / Package / AdditionalRestrictions	Required	Additional restrictions on items being shipped to destination country.	String	
IntlRateV2Response / Package / Content	Optional	Echoes the Content from the request. If the Content request is not populated on the request, this tag will not be returned.	(Group)	
IntlRateV2Response / Package / Content / ContentType	Optional	Echoes the ContentType from the request. If the Content request is not populated on the request, this tag will not be returned.	String	
IntlRateV2Response / Package / Content / ContentDescription	Optional	Echoes the ContentDescription from the request. If the Content request is not populated on the request, this tag will not be returned.	String	
IntlRateV2Response / Package / Service	Required repeating up to unbound times	"Service" tag contains a nested rate and service name.	(Group)	
IntlRateV2Response / Package / Service / ID	Required	An Integer reflective of the <SvcDescription/>. Refer to Appendix B for all international Service ID values.	Integer	minInclusive=0
IntlRateV2Response / Package / Service / Pounds	Required	Weight of package (pounds)	Integer	
IntlRateV2Response / Package / Service / Ounces	Required	Weight of package (ounces)	Decimal	
IntlRateV2Response / Package / Service / Machinable	Optional	If specified in request this is echoed back if relevant to computed postage.	String	
IntlRateV2Response / Package / Service / MailType	Required	If specified in request this is echoed back if relevant to computed postage.	String	

Tag Name	Occurs	Description	Type	Validation
IntlRateV2Response / Package / Service / Container	Required	If specified in request this is echoed back if relevant to computed postage.	String	
IntlRateV2Response / Package / Service / Width	Optional	Value must be numeric. Units are inches.	Integer	
IntlRateV2Response / Package / Service / Length	Optional	Value must be numeric. Units are inches.	Integer	
IntlRateV2Response / Package / Service / Height	Optional	Value must be numeric. Units are inches.	Integer	
IntlRateV2Response / Package / Service / Girth	Optional	Value must be numeric. Units are inches.	Integer	
IntlRateV2Response / Package / Service / Country	Required	Destination Country	String	
IntlRateV2Response / Package / Service / Postage	Required	Postage Rate Charged	Decimal	
IntlRateV2Response / Package / Service / CommercialPostage	Optional	Commercial Base Rate. Returned if specified in request.	Decimal	
IntlRateV2Response / Package / Service / CommercialPlusPostage	Optional	Commercial Plus Rate. Returned if specified in request.	Decimal	
IntlRateV2Response / Package / Service / ExtraServices	Required	Groups the Extra Service elements.	(Group)	
IntlRateV2Response / Package / Service / ExtraServices / ExtraService	Optional, repeating up to unbound ed times	“ExtraService” contains nested service name, availability, and pricing. When IntlRateV2Request[Revision<'2'], the only service returned is Insurance.	(Group)	
IntlRateV2Response / Package / Service / ExtraServices / ExtraService / ServiceID	Required	Extra service ID	Integer	
IntlRateV2Response / Package / Service / ExtraServices / ExtraService / ServiceName	Required	Extra service name	String	

Tag Name	Occurs	Description	Type	Validation
IntlRateV2Response / Package / Service / ExtraServices / ExtraService / Available	Required	Availability of extra service. Availability may change depending on extra services passed (selected) in request.	Boolean	
IntlRateV2Response / Package / Service / ExtraServices / ExtraService / OnlineAvailable	Optional	Availability of online pricing for extra service. Availability may change depending on extra services passed (selected) in request. Returns when IntlRateV2Request[Revision='2'] and IntlRateV2Request[CommercialPrice='Y'].	Boolean	
IntlRateV2Response / Package / Service / ExtraServices / ExtraService / Price	Required	Extra service pricing. Pricing may change depending on extra services passed in request. When IntlRateV2Request[Revision<'2'], the insurance fee is fully calculated.	Decimal	
IntlRateV2Response / Package / Service / ExtraServices / ExtraService / OnlinePrice	Optional	Online extra service pricing. Pricing may change depending on extra services passed in request. Returns when IntlRateV2Request[Revision='2'] and IntlRateV2Request[CommercialPrice='Y'].	Decimal	
IntlRateV2Response / Package / Service / ExtraServices / ExtraService / DeclaredValueRequired	Optional	Indicates if package value is required to calculate extra service rate. Returns when IntlRateV2Request[Revision='2'].	Boolean	
IntlRateV2Response / Package / Service / ValueOfContents	Optional	This echoes back the value provided in the request. This value is used to calculate the insurance fee (ServiceID=1 under Extra Services) or the Insurance Comment explaining why Insurance Fee is not given.	Decimal	pattern=\d+\.\d\d
IntlRateV2Response / Package / Service / InsComment	Optional	Returned when IntlRateV2Request[Revision<'2'] only. Explains why no insurance fee is returned, one of three reasons: SERVICE means insurance is not available for this service; DESTINATION means that insurance is not available to the given country via this service; INSURED VALUE means insurance is available for the country and service, but not for the given value.	String	Enumerations= <ul style="list-style-type: none">• INSURED VALUE• SERVICE• DESTINATION
IntlRateV2Response / Package / Service / ParcelIndemnityCoverage	Optional	Deprecated. Tag will no longer be returned. Automatic indemnity coverage has been replaced by the baked-in Insurance amounts of \$200 or \$100.	Decimal	pattern=\d+\.\d\d

Tag Name	Occurs	Description	Type	Validation
IntlRateV2Response / Package / Service / SvcCommitments	Required	Service Commitments	String	
IntlRateV2Response / Package / Service / SvcDescription	Required	Service Description	String	
IntlRateV2Response / Package / Service / MaxDimensions	Required	Maximum Dimensions of Package Allowed	String	
IntlRateV2Response / Package / Service / MaxWeight	Required	Maximum Weight of Package Allowed	Integer	
IntlRateV2Response / Package / Service / GuaranteeAvailability	Optional once	<p>If the Revision tag \geq 2 in the request, the service type is one of the following: Priority Express Mail International, PMEI Flat Rate Envelope, PMEI Legal Flat Rate Envelope, and PMEI Padded Flat Rate Envelope, and the country is a Kahala country, the GuaranteeAvailability tag will display the estimated scheduled delivery date. If not, the tag will contain the estimated scheduled delivery days.</p> <p>The AcceptanceDateTime tag along with the DestinationPostalCode and OriginZip is used to calculate the GuaranteeAvailability and also GuaranteeAvailability response tag for PMEI services in Kahala countries.</p> <p>If an estimated scheduled delivery date is available, the format will be MM/DD/YYYY e.g., 01/29/2014.</p> <p>If an estimated scheduled delivery date is not available, the format will be a String. e.g., 3 - 5 business days to many major markets</p>	String	

Tag Name	Occurs	Description	Type	Validation
IntlRateV2Response / Package / HSCodeReqd	Optional	Returns when <ReturnHSCodeReqd> = "Y" When <HSCodeReqd>=True, indicates which destinations require valid Harmonization Code and Content/Item descriptions because of new international shipping regulatory mandates. Per international shipping regulatory mandates, shipments to European Union (EU) countries are required to contain a valid Harmonization Code and Content/Item description. Harmonization Code (i.e., HS Tariff Number) must be based on the Harmonized Commodity Description and Coding System developed by the World Customs Organization. To learn more about providing acceptable item descriptions, view the chart below or read the EU's guidance on acceptable terms at Guidance on Acceptable and Unacceptable Terms for the Description of Goods .	String	Enumerations= <ul style="list-style-type: none">• True• False
IntlRateV2Response / Package / HSCodeEnforced	Optional	Returns when <ReturnHSCodeReqd>="Y" (Yes). When <HSCodeEnforced>=True, indicates which destinations enforce valid Harmonization Code and Content/Item descriptions because of new international shipping regulatory mandates. Harmonization Codes and Content descriptions will be required when generating a shipping label or else API errors will return.	String	Enumerations= <ul style="list-style-type: none">• True• False
IntlRateV2Response	Required		(alias)	

3.3.1 Sample Response

<p>Response: IntlRateV2: <IntlRateV2Response> <Package ID="1ST"> <Prohibitions>Aerosols. Ammunition, except lead pellets. Animals, live (including reptiles). Arms and parts of arms, or any component classified as munitions of war; imitations and antiques; paint-ball or toy guns; taser guns; air rifles, air pistols, components of firearms, and all other items similar to or resembling the foregoing. Articles, goods infringing British trademarks or copyright laws. Asbestos items of any kind. Christmas crackers (holiday popper). Clinical and medical waste (e.g., contaminated dressings, bandages, and needles). Coins; platinum, gold, or silver (manufactured or not); precious stones; jewels; and other valuable articles. Counterfeit currency, bank notes, and postage stamps. Dies and equipment for making imitations, etc., of any current postage stamp for denoting any rate of postage. Fish, live.</p>
--

Frozen food.

Frozen water (including bags of ice).

Goods made in foreign prisons, except those imported for a noncommercial purpose or of a kind not manufactured in the United Kingdom.

Human remains (including ashes) and dead animals (including preserved animal parts and skins).

Indecent and obscene prints, paintings, books, cards, lithographs, and other engravings, films, video tapes, or any other indecent or obscene articles.

Lead acid batteries (e.g., car batteries) and sealed lead acid batteries.

Lottery tickets and related advertisements for illegal lotteries.

Medicines classified as flammable or toxic.

Radioactive materials and samples that are classified as radioactive using Table 2-12 of the latest edition of the International Civil Aviation organization's Technical Instructions - e.g., fissile material (uranium 235, etc.), radioactive waste material, thorium, or uranium ores and luminous dials from aircraft.

Soil.

Soiled clothes and rags.

Stun gun, electric.

Switchblade knives (also known as flick knives) and gravity knives.

Waste, dirt, filth, or refuse, including household waste or rubbish.</Prohibitions>

<Restrictions>A consignment of live bees must contain only queen bees and their attendant workers; colonies are not permitted. Each consignment must be accompanied by an import license issued by the Dept. of Agriculture (DEFRA) and a health certificate issued by the country of origin.

Caterpillars, cockroaches, crickets, destroyers of noxious pests, earthworms, fish fry and eggs, flies of the family Drosophilidae, leeches, lugworms, maggots, mealworms, pupae and chrysalides, rag worms, silkworms, spiders, and stick insects are admissible only for biomedical research (see license requirement for bees).

Medicines and drugs when sent for scientific purposes must be sent by a practitioner, registered dental practitioner, veterinary surgeon, registered nurse, or recognized laboratory or institution.

Plants and parts of plants require an import permit issued by the appropriate Agricultural Department in the United Kingdom.

Vaccines may be sent only by, or at the specific request of, a qualified medical practitioner, registered dental practitioner, veterinary surgeon, registered nurse, or recognized laboratory or institution.</Restrictions>

<Observations>1. The following is a list of the names of the counties and city names in Northern Ireland.

The County names are in capital letters. The geographic identifiers should be used in addressing mail to Northern Ireland:

ANTRIM:

Antrim

Ballymena

Belfast

Carrickfergus

Larne

Lisburn

Portrush

Toomebridge

Whitehead

ARMAGH:

Armagh

Lurgan

Portsmouth

DOWN:

Banbridge

Bangor

Downpatrick

Kilkeel

Newcastle

Newry
Newtownards

LONDONDERRY:

Coleraine
Kilrea
Limavady
Londonderry
Magherafelt
Portstewart

TYRONE:

Cookstown
Dugannon
Moy
Omagh
Strabane

FERMANAGH:

Enniskillen

2. Many types of merchandise, unless sent as unsolicited gifts, require import licenses that the addressees must obtain from the British Board of Trade. Before mailing commercial shipments, senders should be assured that the addressees can obtain licenses if needed.

3. All goods sent to the UK are liable to customs duty and Value Added Tax on importation whether or not the package is marked as a "gift." Packages are admitted free of customs charges, however, if they meet the following conditions:

- (a) Gift packages of small value provided they do not contain any tobacco goods, spirits or wine;
- (b) Gift packages containing only well-worn clothing (excluding garments of high value), limited quantities of foodstuffs (other than caviar), soap or consumable medical supplies.

4. Postal packages without a customs declaration that contain goods liable to customs duty or control may be seized by the customs authorities.

5. Firearms that are intended for sporting purposes are mailable to United Kingdom, provided the prospective addressee has obtained the required import license.

6. United Kingdom limits the weight of M-bags to 20 kg. (44 lbs.).

7. Parcelforce Worldwide charges a single-import customs clearance fee of 12 GBP for all low-value parcels subject to customs charges that it delivers, i.e. parcels whose declared value is over 15 GBP (for merchandise) or 39 GBP (for gifts), but no more than 873 GBP. High-value goods over 873 GBP are charged a flat fee of 25 GBP.

8. Effective January 1, 2021, for all goods sent to the UK not exceeding £135 in value, the UK will not accept for importation an item that has not had the value-added tax (VAT) collected at the time of sale, before importation. For international postal items containing goods exceeding £135 in value, the UK will continue to collect the VAT at the UK border at the time of import. Online marketplaces that facilitate the sale of goods will be responsible for collecting and accounting for the VAT. For goods sent from overseas and sold directly to UK consumers, the overseas seller will be required to register and account for the VAT to HM Revenue and Customs. These changes will not apply to consignments containing excise goods or to noncommercial transactions between private individuals (known as Consumer-to-Consumer or C2C). Further guidance is available at gov.uk/eori and at gov.uk/vat-registration.

<CustomsForms>First-Class Mail International items and Priority Mail International Flat Rate Envelopes and Small Flat Rate Boxes:

PS Form 2976 (see 123.61)

Priority Mail International parcels:

PS Form 2976-A inside 2976-E (envelope)</CustomsForms>

<ExpressMail>Country Code:

GB

Reciprocal Service Name:

Datapost

Required Customs Form/Endorsement

1. Business correspondence, commercial papers, and documents.

PS Form 2976-B placed inside PS Form 2976-E (plastic envelope). Endorse item clearly next to mailing label as BUSINESS PAPERS.

2. Merchandise samples without commercial value.

PS Form 2976-B placed inside PS Form 2976-E (plastic envelope).

3. Merchandise and all articles subject to customs duty.

PS Form 2976-B placed inside PS Form 2976-E (plastic envelope).

Note:

1. Coins; banknotes; currency notes, including paper money; securities of any kind payable to bearer; traveler's checks; platinum, gold, and silver; precious stones; jewelry; watches; and other valuable articles are prohibited in Priority Mail Express International shipments to United Kingdom of Great Britain and Northern Ireland.

2. Priority Mail Express International With Guarantee service - which offers a date-certain, postage-refund guarantee - is available to United Kingdom of Great Britain and Northern Ireland.

Areas Served:

All points in England, Scotland, Wales, Northern Ireland, Guernsey, Jersey, Alderney, Sark, and the Isle of Man.</ExpressMail>

<AreasServed>Please reference Express Mail for Areas Served.</AreasServed>

<AdditionalRestrictions>No Additional Restrictions Data found.</AdditionalRestrictions>

<HSCCodeReqd>False</HSCCodeReqd>

<Service ID="1">

<Pounds>15.12345678</Pounds>

<Ounces>0</Ounces>

<Machinable>True</Machinable>

<MailType>Package</MailType>

<Width>10</Width>

<Length>15</Length>

<Height>10</Height>

<Girth>0</Girth>

<Country>United Kingdom of Great Britain and Northern Ireland</Country>

<Postage>149.15</Postage>

<ExtraServices>

<ExtraService>

<ServiceID>107</ServiceID>

<ServiceName>Insurance</ServiceName>

<Available>True</Available>

<Price>0.00</Price>

<DeclaredValueRequired>True</DeclaredValueRequired>

</ExtraService>

<ExtraService>

<ServiceID>181</ServiceID>

<ServiceName>Scan Retention</ServiceName>

<Available>True</Available>

<Price>0.99</Price>

</ExtraService>

<ExtraService>

<ServiceID>182</ServiceID>

```

    <ServiceName>Scan + Signature Retention</ServiceName>
    <Available>True</Available>
    <Price>3.75</Price>
  </ExtraService>
</ExtraServices>
<ValueOfContents>200.00</ValueOfContents>
<SvcCommitments>3 - 5 business days to many major markets</SvcCommitments>
<SvcDescription>Priority Mail Express
International&lt;sup&gt;#174;&lt;/sup&gt;</SvcDescription>
<MaxDimensions>Max. length 36", max. length plus girth 79"</MaxDimensions>
<MaxWeight>66</MaxWeight>
<GuaranteeAvailability>3 - 5 business days to many major markets</GuaranteeAvailability>
</Service>
<Service ID="2">
  <Pounds>15.12345678</Pounds>
  <Ounces>0</Ounces>
  <Machinable>True</Machinable>
  <MailType>Package</MailType>
  <Width>10</Width>
  <Length>15</Length>
  <Height>10</Height>
  <Girth>0</Girth>
  <Country>United Kingdom of Great Britain and Northern Ireland</Country>
  <Postage>133.20</Postage>
  <ExtraServices>
    <ExtraService>
      <ServiceID>181</ServiceID>
      <ServiceName>Scan Retention</ServiceName>
      <Available>True</Available>
      <Price>0.99</Price>
    </ExtraService>
    <ExtraService>
      <ServiceID>182</ServiceID>
      <ServiceName>Scan + Signature Retention</ServiceName>
      <Available>True</Available>
      <Price>3.75</Price>
    </ExtraService>
  </ExtraServices>
  <ValueOfContents>200.00</ValueOfContents>
  <InsComment>SERVICE</InsComment>
  <SvcCommitments>6 - 10 business days to many major markets</SvcCommitments>
  <SvcDescription>Priority Mail
International&lt;sup&gt;#174;&lt;/sup&gt;</SvcDescription>
  <MaxDimensions>Max. length 60", max. length plus girth combined 108"</MaxDimensions>
  <MaxWeight>66</MaxWeight>
</Service>
</Package>
<Package ID="2ND">
  <Prohibitions>Coins, banknotes, credit notes or any securities payable to bearer, checks, precious metals
  (whether manufactured or not), precious stones, natural diamonds, jewels and other valuable articles, and
  foreign currency are prohibited. Kazakhstan will accept no liability for loss of or damage to such items.
  Cultural artifacts
  Deer horns, hooves, and antlers.
  Explosives and explosive or inflammable substances, pyrotechnic articles (fireworks, etc.).
  Firearms and bladed weapons or articles of similar construction for civilian service, ammunition, special dual
  purpose (civilian and military) technical devices, and parts and accessories thereof.

```

Foreign currency.
Human organs and/or substances, and blood and blood parts.
Implements for fishing aquatic biological resources.
Live animals except bees, leeches, and silkworms.
Military weapons.
Narcotics, psychotropic substances, and precursors, including in drug form.
Natural precious stones, waste there of, powder from precious stones, pearls, yellow amber.
Nuclear materials and equipment; radioactive materials, fuels and corrosive materials.
Originals and copies of military service records, identity cards, and passports.
Perishable foodstuffs.
Perishable infectious biological substances.
Perishable noninfectious biological substances.
Plants of any kind and in any form, including seeds.
Plant protection products subject to the provisions of Annexes A and B to the Stockholm Convention on Persistent Organic Pollutants of May 22, 2001.
Poisons, toxic substances of animal origin.
Precious metals, alloys, minerals, concentrates, rubble and waste from precious metals.
Printed matter, plastic materials, stock footage, photographic material, audio and video material containing propaganda against the political regime and liable to threaten the integrity and security of the State or aimed at undermining its authority, materials that promote war, cruelty, violence and pornography, and materials that promote social, racial, national, religious, genetic or caste superiority.
Rare animal and vegetable products and endangered animals and plants.
Rare metals, raw materials, alloys, combinations and products.
Special technical publications on the covert reception of intelligence.
Sturgeon and salmon caviar.
Substances harmful to the ozone layer.
Tobacco products and smoking mixtures of all kinds.</Prohibitions>
<Restrictions>A certificate must accompany funeral urns containing ashes of the deceased from the licensed crematory or licensed mortuary stating that the ashes are those of the person named in the death certificate.
Animals and products of animal origin are subject to authorization from the veterinary control institutions of Kazakhstan.
Articles subject to customs duty may not be sent in ordinary or registered First-Class Mail International items, including the Priority Mail International Flat Rate Envelope and Small Flat Rate Box.
Radio-electronic and high-frequency equipment requires authorization by the country's Ministry of Transport and Communications.
Recording media (diskettes, video, and audio) require that information be supplied on the type of computer and operating system used for recording.
Works of art, antiques, and other valuable objects of art, history, science, or culture require authorization by the country's Ministry of Public Health, Education and Culture.</Restrictions>
<Observations>1. For postal items destined to a private individual within a given calendar month, the total duty-free value limit and weight import limit are as follows:

· From March 31, 2022, until September 30, 2022: 1,000 EUR and 31 kg (68 pounds), respectively. Customs duties apply as follows: the greater fee of either 15 percent of the amount exceeding 1,000 EUR or at least 2 EUR per kg of the weight exceeding 31 kg (68 pounds).

· Starting October 1, 2022: 200 EUR and 31 kg (68 pounds), respectively. Customs duties will apply as follows: the greater fee of either 15 percent of the amount exceeding 200 EUR or at least 2 EUR per kg of the weight exceeding 31 kg (68 pounds).

2. On all Registered Mail service items sent to Kazakhstan, display the addressee's first and last name and patronymic (if any) in the address field and the addressee's national identity number (if possible) in the "importer's reference" or "comments" field of the customs form.

3. Kazakhstan requires one copy of a commercial invoice for each Priority Mail Express International package containing merchandise and/or any article subject to customs duty

4. Kazpost Joint Stock Company (the designated postal operator of Kazakhstan) recommends that the mailer include on each item addressed to Kazakhstan the unique 7-character postcode assigned to each group of buildings within 22 localities of Kazakhstan. The postcode consists of a combination of letters and numbers (e.g., R00H5A9). Postcodes are available at <https://post.kz/postcode> (only in Russian).

<CustomsForms>First-Class Mail International items and Priority Mail International Flat Rate Envelopes and Small Flat Rate Boxes:

PS Form 2976 (see 123.61)

Priority Mail International parcels:

PS Form 2976-B inside 2976-E (envelope)

<ExpressMail>Country Code:

KZ

Reciprocal Service Name:

EMS

Required Customs Form/Endorsement

1. Correspondence, business papers, and documents.

PS Form 2976-B placed inside PS Form 2976-E (plastic envelope). Endorse item clearly next to mailing label as BUSINESS PAPERS.

2. Merchandise samples without commercial value.

PS Form 2976-B placed inside PS Form 2976-E (plastic envelope).

3. Merchandise and all articles subject to customs duty.

PS Form 2976-B placed inside PS Form 2976-E (plastic envelope). Include the commercial invoice.

Notes:

1. Addressees are required to obtain import licenses/permits to receive most goods.

2. Coins; banknotes; currency notes, including paper money; securities of any kind payable to bearer; traveler's checks; platinum, gold, and silver; precious stones; jewelry; watches; and other valuable articles are prohibited in Priority Mail Express International shipments to Kazakhstan.

Areas Served: All

<AreasServed>Please reference Express Mail for Areas Served.</AreasServed>

<AdditionalRestrictions>No Additional Restrictions Data found.</AdditionalRestrictions>

<HSCodeReqd>False</HSCodeReqd>

<Service ID="1">

<Pounds>2</Pounds>

<Ounces>0</Ounces>

<MailType>All</MailType>

<Width>5</Width>

<Length>10</Length>

<Height>3</Height>

<Girth>0</Girth>

<Country>Kazakhstan</Country>

<Postage>81.10</Postage>

<ExtraServices>

<ExtraService>

<ServiceID>107</ServiceID>

<ServiceName>Insurance</ServiceName>

<Available>True</Available>

<Price>0.00</Price>

<DeclaredValueRequired>True</DeclaredValueRequired>

```

</ExtraService>
<ExtraService>
  <ServiceID>181</ServiceID>
  <ServiceName>Scan Retention</ServiceName>
  <Available>True</Available>
  <Price>0.99</Price>
</ExtraService>
<ExtraService>
  <ServiceID>182</ServiceID>
  <ServiceName>Scan + Signature Retention</ServiceName>
  <Available>True</Available>
  <Price>3.75</Price>
</ExtraService>
</ExtraServices>
<ValueOfContents>95.75</ValueOfContents>
<SvcCommitments>3 - 5 business days to many major markets</SvcCommitments>
<SvcDescription>Priority Mail Express
International&amp;lt;sup&amp;gt;#174;&amp;lt;/sup&amp;gt;</SvcDescription>
  <MaxDimensions>Max. length 36", max. length plus girth 79"</MaxDimensions>
  <MaxWeight>66</MaxWeight>
</Service>
<Service ID="2">
  <Pounds>2</Pounds>
  <Ounces>0</Ounces>
  <MailType>All</MailType>
  <Width>5</Width>
  <Length>10</Length>
  <Height>3</Height>
  <Girth>0</Girth>
  <Country>Kazakhstan</Country>
  <Postage>64.00</Postage>
  <ExtraServices>
    <ExtraService>
      <ServiceID>108</ServiceID>
      <ServiceName>Insurance</ServiceName>
      <Available>True</Available>
      <Price>0.00</Price>
      <DeclaredValueRequired>True</DeclaredValueRequired>
    </ExtraService>
    <ExtraService>
      <ServiceID>105</ServiceID>
      <ServiceName>Return Receipt</ServiceName>
      <Available>True</Available>
      <Price>5.65</Price>
    </ExtraService>
    <ExtraService>
      <ServiceID>181</ServiceID>
      <ServiceName>Scan Retention</ServiceName>
      <Available>True</Available>
      <Price>0.99</Price>
    </ExtraService>
    <ExtraService>
      <ServiceID>182</ServiceID>
      <ServiceName>Scan + Signature Retention</ServiceName>
      <Available>True</Available>
      <Price>3.75</Price>
  </ExtraServices>

```

```

        </ExtraService>
    </ExtraServices>
    <ValueOfContents>95.75</ValueOfContents>
    <SvcCommitments>6 - 10 business days to many major markets</SvcCommitments>
    <SvcDescription>Priority Mail
International&lt;sup&gt;&#174;&lt;/sup&gt;</SvcDescription>
    <MaxDimensions>Max. length 42", max. length plus girth combined 79"</MaxDimensions>
    <MaxWeight>44</MaxWeight>
</Service>
<Service ID="11">
    <Pounds>2</Pounds>
    <Ounces>0</Ounces>
    <MailType>All</MailType>
    <Width>5</Width>
    <Length>10</Length>
    <Height>3</Height>
    <Girth>0</Girth>
    <Country>Kazakhstan</Country>
    <Postage>132.05</Postage>
    <ExtraServices>
        <ExtraService>
            <ServiceID>108</ServiceID>
            <ServiceName>Insurance</ServiceName>
            <Available>True</Available>
            <Price>0.00</Price>
            <DeclaredValueRequired>True</DeclaredValueRequired>
        </ExtraService>
        <ExtraService>
            <ServiceID>105</ServiceID>
            <ServiceName>Return Receipt</ServiceName>
            <Available>True</Available>
            <Price>5.65</Price>
        </ExtraService>
        <ExtraService>
            <ServiceID>181</ServiceID>
            <ServiceName>Scan Retention</ServiceName>
            <Available>True</Available>
            <Price>0.99</Price>
        </ExtraService>
        <ExtraService>
            <ServiceID>182</ServiceID>
            <ServiceName>Scan + Signature Retention</ServiceName>
            <Available>True</Available>
            <Price>3.75</Price>
        </ExtraService>
    </ExtraServices>
    <ValueOfContents>95.75</ValueOfContents>
    <SvcCommitments>6 - 10 business days to many major markets</SvcCommitments>
    <SvcDescription>Priority Mail International&lt;sup&gt;&#174;&lt;/sup&gt; Large
Flat Rate Box</SvcDescription>
    <MaxDimensions>USPS-Produced Box: 23-11/16" x 11-3/4" x 3" or 12" x 12" x 5-1/2"&lt;br>Maximum
weight 20 pounds.</MaxDimensions>
    <MaxWeight>20</MaxWeight>
</Service>
<Service ID="9">
    <Pounds>2</Pounds>

```

```

<Ounces>0</Ounces>
<MailType>All</MailType>
<Width>5</Width>
<Length>10</Length>
<Height>3</Height>
<Girth>0</Girth>
<Country>Kazakhstan</Country>
<Postage>102.55</Postage>
<ExtraServices>
  <ExtraService>
    <ServiceID>108</ServiceID>
    <ServiceName>Insurance</ServiceName>
    <Available>True</Available>
    <Price>0.00</Price>
    <DeclaredValueRequired>True</DeclaredValueRequired>
  </ExtraService>
  <ExtraService>
    <ServiceID>105</ServiceID>
    <ServiceName>Return Receipt</ServiceName>
    <Available>True</Available>
    <Price>5.65</Price>
  </ExtraService>
  <ExtraService>
    <ServiceID>181</ServiceID>
    <ServiceName>Scan Retention</ServiceName>
    <Available>True</Available>
    <Price>0.99</Price>
  </ExtraService>
  <ExtraService>
    <ServiceID>182</ServiceID>
    <ServiceName>Scan + Signature Retention</ServiceName>
    <Available>True</Available>
    <Price>3.75</Price>
  </ExtraService>
</ExtraServices>
<ValueOfContents>95.75</ValueOfContents>
<SvcCommitments>6 - 10 business days to many major markets</SvcCommitments>
<SvcDescription>Priority Mail International&lt;sup&gt;#174;&lt;/sup&gt;
Medium Flat Rate Box</SvcDescription>
  <MaxDimensions>USPS-Produced Box: 13-5/8" x 11-7/8" x 3-3/8" or 11" x 8-1/2" x 5-
  1/2"&lt;br>Maximum weight 20 pounds.</MaxDimensions>
  <MaxWeight>20</MaxWeight>
</Service>
<Service ID="15">
  <Pounds>2</Pounds>
  <Ounces>0</Ounces>
  <MailType>All</MailType>
  <Width>5</Width>
  <Length>10</Length>
  <Height>3</Height>
  <Girth>0</Girth>
  <Country>Kazakhstan</Country>
  <Postage>34.50</Postage>
  <ExtraServices>
    <ExtraService>
      <ServiceID>100</ServiceID>

```

```

    <ServiceName>Certificate of Mailing</ServiceName>
    <Available>True</Available>
    <Price>1.95</Price>
</ExtraService>
<ExtraService>
    <ServiceID>103</ServiceID>
    <ServiceName>Registered Mail</ServiceName>
    <Available>True</Available>
    <Price>20.25</Price>
</ExtraService>
<ExtraService>
    <ServiceID>105</ServiceID>
    <ServiceName>Return Receipt</ServiceName>
    <Available>True</Available>
    <Price>5.65</Price>
</ExtraService>
<ExtraService>
    <ServiceID>181</ServiceID>
    <ServiceName>Scan Retention</ServiceName>
    <Available>True</Available>
    <Price>0.99</Price>
</ExtraService>
<ExtraService>
    <ServiceID>182</ServiceID>
    <ServiceName>Scan + Signature Retention</ServiceName>
    <Available>True</Available>
    <Price>3.75</Price>
</ExtraService>
</ExtraServices>
<ValueOfContents>95.75</ValueOfContents>
<InsComment>SERVICE</InsComment>
<SvcCommitments>Varies by destination</SvcCommitments>
<SvcDescription>First-Class Package International
Service&lt;sup&gt;&#8482;&lt;/sup&gt;</SvcDescription>
    <MaxDimensions>Other than rolls: Min. length 6", Min. height 4", Max. length 24", max length, height
and depth (thickness) combined 36"&lt;br>Rolls: Min. Length 4", "Max. length 36". Max length and twice the
diameter combined 42"</MaxDimensions>
    <MaxWeight>4</MaxWeight>
</Service>
<Service ID="28">
    <Pounds>2</Pounds>
    <Ounces>0</Ounces>
    <MailType>All</MailType>
    <Width>5</Width>
    <Length>10</Length>
    <Height>3</Height>
    <Girth>0</Girth>
    <Country>Kazakhstan</Country>
    <Postage>87.89</Postage>
    <ExtraServices>
        <ExtraService>
            <ServiceID>100</ServiceID>
            <ServiceName>Certificate of Mailing</ServiceName>
            <Available>True</Available>
            <Price>1.95</Price>
        </ExtraService>
    </ExtraServices>

```

```

</ExtraServices>
<ValueOfContents>95.75</ValueOfContents>
<InsComment>SERVICE</InsComment>
<SvcCommitments>Varies by destination</SvcCommitments>
<SvcDescription>Airmail M-Bag</SvcDescription>
<MaxDimensions/>
<MaxWeight>44</MaxWeight>
</Service>
</Package>
</IntlRateV2Response>

```

4.0 Error Responses

Error conditions are handled at the main XML document level, Package node level, and ExtraService node level. When parsing, it is best to check for an error document first before checking for good data. Error documents have the following format:

```

<Error>
  <Number></Number>
  <Source></Source>
  <Description></Description>
  <HelpFile></HelpFile>
  <HelpContext></HelpContext>
</Error>

```

Where:

- Number = the error number generated by the Web Tools server.
- Source = the component and interface that generated the error on the Web Tools server.
- Description = the error description.
- HelpFile = [reserved for future use].
- HelpContext = [reserved for future use].

Errors that are further down in the hierarchy also follow the above format.

An <Error> element may be returned at the top (response) level if there is a problem with the syntax of the request, or if a system error occurs. But if there is a problem with a specific Package or ExtraService within the request, an <Error> element will be returned within the <Package> or <ExtraService> element that pertains to the specific package ID. Since the IntlRateV2 API allows you to submit multiple packages within a single request document, the response may contain a mix of international rate information and errors. For requests containing multiple package IDs, you need to check if there is an <Error> within a given <Package> or <ExtraService> element, as well as checking for an error at the top level for example:

```

<IntlRateV2Response>
  <Package ID="0">
    <Prohibitions>Sample</Prohibitions>
    <Restrictions>Sample</Restrictions>
    <Observations>Sample</Observations>
    <CustomsForms>Sample</CustomsForms>
    <ExpressMail>Sample</ExpressMail>
    <AreasServed>Sample</AreasServed>
    <AdditionalRestrictions>Sample</AdditionalRestrictions>
    <Service ID="21">
      <Pounds>0</Pounds>
      <Ounces>2</Ounces>
      <MailType>Postcard</MailType>

```

```

<Container></Container>
<Width>5</Width>
<Length>10</Length>
<Height>3</Height>
<Girth>0</Girth>
<Country>ALBANIA</Country>
<Postage>1.15</Postage>
<ExtraServices></ExtraServices>
<ValueOfContents>95.75</ValueOfContents>
<InsComment>SERVICE</InsComment>
<SvcCommitments>Varies by destination</SvcCommitments>
<SvcDescription>First-Class Mail&lt;sup&gt;&#174;&lt;/sup&gt; International
Postcard</SvcDescription>
<MaxDimensions>Maximum size 6" length x 4-1/4" height</MaxDimensions>
<MaxWeight>0.21875</MaxWeight>
</Service>
</Package>
<Package ID="2">
<Error>
<Number>-2147218040</Number>

<Source>IntlPostage;clsIntlPostage.CalcAllPostageDimensionsXML;IntlRateV2.ProcessRequest</Source>
<Description>Invalid International Mail Type</Description>
<HelpFile></HelpFile>
<HelpContext>1000440</HelpContext>
</Error>
</Package>
</IntlRateV2Response>

```

5.0 Appendix A – RateV4 CLASSID Values

CLASSID	Mail Services
0	First-Class Mail<sup>®</sup> Stamped Letter
0	First-Class Mail<sup>®</sup> Large Envelope
0	First-Class Mail<sup>®</sup> Postcards
0	First-Class Mail<sup>®</sup> Postcards 5 Digit
0	First-Class Mail<sup>®</sup> Postcards AADC
0	First-Class Mail<sup>®</sup> Postcards Mixed AADC
0	First-Class Mail<sup>®</sup> Postcards Presort
1	Priority Mail<sup>®</sup>
2	Priority Mail Express 2-Day<sup>®</sup> Hold For Pickup
3	Priority Mail Express 2-Day<sup>®</sup>
5	Bound Printed Matter Parcels

CLASSID	Mail Services
5	Bound Printed Matter Parcels DDU
5	Bound Printed Matter Parcels DNDC
5	Bound Printed Matter Parcels DSCF
6	Media Mail Parcel
7	Library Mail Parcel
13	Priority Mail Express 2-Day ^{&lt;} ®</sup> Flat Rate Envelope
15	First-Class Mail ^{&lt;} ®</sup> Large Postcards 5 Digit
15	First-Class Mail ^{&lt;} ®</sup> Large Postcards AADC
15	First-Class Mail ^{&lt;} ®</sup> Large Postcards Mixed AADC
15	First-Class Mail ^{&lt;} ®</sup> Large Postcards Presort
16	Priority Mail Flat Rate ^{&lt;} ®</sup> Envelope
17	Priority Mail ^{&lt;} ®</sup> Medium Flat Rate Box
20	Bound Printed Matter Flats
20	Bound Printed Matter Flats DDU
20	Bound Printed Matter Flats DNDC
20	Bound Printed Matter Flats DSCF
22	Priority Mail ^{&lt;} ®</sup> Large Flat Rate Box
23	Priority Mail Express; Sunday/Holiday Delivery
25	Priority Mail Express; Sunday/Holiday Delivery Flat Rate Envelope
27	Priority Mail Express 2-Day ^{&lt;} ®</sup> Flat Rate Envelope Hold For Pickup
28	Priority Mail ^{&lt;} ®</sup> Small Flat Rate Box
29	Priority Mail ^{&lt;} ®</sup> Padded Flat Rate Envelope
30	Priority Mail Express 2-Day ^{&lt;} ®</sup> Legal Flat Rate Envelope
31	Priority Mail Express 2-Day ^{&lt;} ®</sup> Legal Flat Rate Envelope Hold For Pickup
32	Priority Mail Express; Sunday/Holiday Delivery Legal Flat Rate Envelope
33	Priority Mail ^{&lt;} ®</sup> Hold For Pickup
34	Priority Mail ^{&lt;} ®</sup> Large Flat Rate Box Hold For Pickup

CLASSID	Mail Services
35	Priority Mail ^{&lt;sup>} ®</sup> Medium Flat Rate Box Hold For Pickup
36	Priority Mail ^{&lt;sup>} ®</sup> Small Flat Rate Box Hold For Pickup
37	Priority Mail Flat Rate ^{&lt;sup>} ®</sup> Envelope Hold For Pickup
38	Priority Mail ^{&lt;sup>} ®</sup> Gift Card Flat Rate Envelope
39	Priority Mail ^{&lt;sup>} ®</sup> Gift Card Flat Rate Envelope Hold For Pickup
40	Priority Mail ^{&lt;sup>} ®</sup> Window Flat Rate Envelope
41	Priority Mail ^{&lt;sup>} ®</sup> Window Flat Rate Envelope Hold For Pickup
42	Priority Mail ^{&lt;sup>} ®</sup> Small Flat Rate Envelope
43	Priority Mail ^{&lt;sup>} ®</sup> Small Flat Rate Envelope Hold For Pickup
44	Priority Mail ^{&lt;sup>} ®</sup> Legal Flat Rate Envelope
45	Priority Mail ^{&lt;sup>} ®</sup> Legal Flat Rate Envelope Hold For Pickup
46	Priority Mail ^{&lt;sup>} ®</sup> Padded Flat Rate Envelope Hold For Pickup
62	Priority Mail Express 2-Day ^{&lt;sup>} ®</sup> Padded Flat Rate Envelope
63	Priority Mail Express 2-Day ^{&lt;sup>} ®</sup> Padded Flat Rate Envelope Hold For Pickup
64	Priority Mail Express; Sunday/Holiday Delivery Padded Flat Rate Envelope
78	First-Class Mail ^{&lt;sup>} ®</sup> Metered Letter
84	Priority Mail ^{&lt;sup>} ®</sup> Cubic
88	USPS Connect Local DDU
89	USPS Connect Local Flat Rate Bag – Small DDU
90	USPS Connect Local Flat Rate Bag – Large DDU
91	USPS Connect Local Flat Rate Box DDU
179	Parcel Select Destination Entry DDU
179	Parcel Select Destination Entry DHUB
179	Parcel Select Destination Entry DNDC
179	Parcel Select Destination Entry DSCF

CLASSID	Mail Services
922	Priority Mail ^{&lt;sup&gt;} ®</sup> Return Padded Flat Rate Envelope
932	Priority Mail ^{&lt;sup&gt;} ®</sup> Return Gift Card Flat Rate Envelope
934	Priority Mail ^{&lt;sup&gt;} ®</sup> Return Window Flat Rate Envelope
936	Priority Mail ^{&lt;sup&gt;} ®</sup> Return Small Flat Rate Envelope
938	Priority Mail ^{&lt;sup&gt;} ®</sup> Return Legal Flat Rate Envelope
939	Priority Mail ^{&lt;sup&gt;} ®</sup> Return Flat Rate Envelope
962	Priority Mail ^{&lt;sup&gt;} ®</sup> Return
963	Priority Mail ^{&lt;sup&gt;} ®</sup> Return Large Flat Rate Box
964	Priority Mail ^{&lt;sup&gt;} ®</sup> Return Medium Flat Rate Box
965	Priority Mail ^{&lt;sup&gt;} ®</sup> Return Small Flat Rate Box
966	Priority Mail ^{&lt;sup&gt;} ®</sup> Return Large Flat Rate Box APO/FPO/DPO
967	Priority Mail ^{&lt;sup&gt;} ®</sup> Return Cubic
1058	USPS Ground Advantage ^{&lt;sup&gt;} ™</sup>
1093	USPS Connect Local Mail
1094	Priority Mail Express 1-Day ^{&lt;sup&gt;} ®</sup> Flat Rate Envelope Return
1095	Priority Mail Express 1-Day ^{&lt;sup&gt;} ®</sup> Padded Flat Rate Envelope Return
1096	USPS Ground Advantage ^{&lt;sup&gt;} ™</sup> Cubic
1097	Priority Mail Express 1-Day ^{&lt;sup&gt;} ®</sup> Legal Flat Rate Envelope Return
1098	USPS Ground Advantage ^{&lt;sup&gt;} ™</sup> Return
1099	Priority Mail Express 1-Day ^{&lt;sup&gt;} ®</sup> Return
1100	USPS Ground Advantage ^{&lt;sup&gt;} ®</sup> Return Cubic
2020	Bound Printed Matter Flats Hold For Pickup
2020	Bound Printed Matter Flats DDU Hold For Pickup
2020	Bound Printed Matter Flats DNDC Hold For Pickup
2020	Bound Printed Matter Flats DSCF Hold For Pickup

CLASSID	Mail Services
2058	USPS Ground Advantage<sup>™</sup> Hold For Pickup
2077	Bound Printed Matter Parcels Hold For Pickup
2077	Bound Printed Matter Parcels DDU Hold For Pickup
2077	Bound Printed Matter Parcels DNDC Hold For Pickup
2077	Bound Printed Matter Parcels DSCF Hold For Pickup
2079	Parcel Select Destination Entry DDU Hold For Pickup
2079	Parcel Select Destination Entry DHUB Hold For Pickup
2079	Parcel Select Destination Entry DNDC Hold For Pickup
2079	Parcel Select Destination Entry DSCF Hold For Pickup
2096	USPS Ground Advantage<sup>™</sup> Cubic Hold For Pickup
4001	Priority Mail Express 2-Day<sup>®</sup> HAZMAT
4010	Priority Mail<sup>®</sup> HAZMAT
4012	Priority Mail<sup>®</sup> Large Flat Rate Box HAZMAT
4013	Priority Mail<sup>®</sup> Medium Flat Rate Box HAZMAT
4014	Priority Mail<sup>®</sup> Small Flat Rate Box HAZMAT
4022	Priority Mail<sup>®</sup> Return Padded Flat Rate Envelope HAZMAT
4032	Priority Mail<sup>®</sup> Return Gift Card Flat Rate Envelope HAZMAT
4034	Priority Mail<sup>®</sup> Return Window Flat Rate Envelope HAZMAT
4036	Priority Mail<sup>®</sup> Return Small Flat Rate Envelope HAZMAT
4038	Priority Mail<sup>®</sup> Return Legal Flat Rate Envelope HAZMAT
4039	Priority Mail<sup>®</sup> Return Flat Rate Envelope HAZMAT
4058	USPS Ground Advantage<sup>™</sup> HAZMAT
4062	Priority Mail<sup>®</sup> Return HAZMAT
4063	Priority Mail<sup>®</sup> Return Large Flat Rate Box HAZMAT

CLASSID	Mail Services
4064	Priority Mail ^{&lt;sup>} ®</sup> Return Medium Flat Rate Box HAZMAT
4065	Priority Mail ^{&lt;sup>} ®</sup> Return Small Flat Rate Box HAZMAT
4067	Priority Mail ^{&lt;sup>} ®</sup> Return Cubic HAZMAT
4084	Priority Mail ^{&lt;sup>} ®</sup> Cubic HAZMAT
4079	Parcel Select Destination Entry DDU HAZMAT
4079	Parcel Select Destination Entry DHUB HAZMAT
4079	Parcel Select Destination Entry DNDC HAZMAT
4079	Parcel Select Destination Entry DSCF HAZMAT
4094	Priority Mail Express 1-Day ^{&lt;sup>} ®</sup> Flat Rate Envelope Return HAZMAT
4095	Priority Mail Express 1-Day ^{&lt;sup>} ®</sup> Padded Flat Rate Envelope Return HAZMAT
4096	USPS Ground Advantage ^{&lt;sup>} ™</sup> Cubic HAZMAT
4097	Priority Mail Express 1-Day ^{&lt;sup>} ®</sup> Legal Flat Rate Envelope Return HAZMAT
4098	USPS Ground Advantage ^{&lt;sup>} ™</sup> Return HAZMAT
4099	Priority Mail Express 1-Day ^{&lt;sup>} ®</sup> Return HAZMAT
4100	USPS Ground Advantage ^{&lt;sup>} ®</sup> Return Cubic HAZMAT
6001	Priority Mail Express 2-Day ^{&lt;sup>} ®</sup> Parcel Locker
6010	Priority Mail ^{&lt;sup>} ®</sup> Parcel Locker
6012	Priority Mail ^{&lt;sup>} ®</sup> Large Flat Rate Box Parcel Locker
6013	Priority Mail ^{&lt;sup>} ®</sup> Medium Flat Rate Box Parcel Locker
6014	Priority Mail ^{&lt;sup>} ®</sup> Small Flat Rate Box Parcel Locker
6020	Bound Printed Matter Flats Parcel Locker
6020	Bound Printed Matter Flats DDU Parcel Locker
6020	Bound Printed Matter Flats DNDC Parcel Locker
6020	Bound Printed Matter Flats DSCF Parcel Locker

CLASSID	Mail Services
6084	Priority Mail ^{&lt;sup>} >#174; Cubic Parcel Locker
6058	USPS Ground Advantage ^{&lt;sup>} >#8482; Parcel Locker
6076	Media Mail Parcel Parcel Locker
6075	Library Mail Parcel Parcel Locker
6077	Bound Printed Matter Parcels Parcel Locker
6077	Bound Printed Matter Parcels DDU Parcel Locker
6077	Bound Printed Matter Parcels DNDC Parcel Locker
6077	Bound Printed Matter Parcels DSCF Parcel Locker
6079	Parcel Select Destination Entry DDU Parcel Locker
6079	Parcel Select Destination Entry DHUB Parcel Locker
6079	Parcel Select Destination Entry DNDC Parcel Locker
6079	Parcel Select Destination Entry DSCF Parcel Locker
6084	Priority Mail ^{&lt;sup>} >#174; Cubic Parcel Locker
6096	USPS Ground Advantage ^{&lt;sup>} >#8482; Cubic Parcel Locker

6.0 Appendix B – IntlRateV2 Service ID Values

CLASSID	Mail Services
1	Priority Mail Express International
2	Priority Mail International
8	Priority Mail International; Flat Rate Envelope**
9	Priority Mail International; Medium Flat Rate Box
10	Priority Mail Express International; Flat Rate Envelope
11	Priority Mail International; Large Flat Rate Box
13	First-Class Mail; International Letter**
14	First-Class Mail; International Large Envelope**
15	First-Class Package International Service**
16	Priority Mail International; Small Flat Rate Box**
17	Priority Mail Express International; Legal Flat Rate Envelope
18	Priority Mail International; Gift Card Flat Rate Envelope**
19	Priority Mail International; Window Flat Rate Envelope**
20	Priority Mail International; Small Flat Rate Envelope**

CLASSID	Mail Services
28	Airmail M-Bag