Rate Response

Rate Response

The RatingServiceSelectionResponse message contains a single XML document that conforms to the following XML structure.

Note: The “Required” Column has four potential values:

Yes: *Always* required
No: *Always* optional
Yes*: *Conditionally* required
Cond: Conditional

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Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules
Response	/RatingServiceSelectionResponse/Response	Yes	One	Container	N/A	N/A	
TransactionReference	/RatingServiceSelectionResponse/Response/TransactionReference	No	One	Container	N/A	N/A	
CustomerContext	/RatingServiceSelectionResponse/Response/TransactionReference/CustomerContext	No	One	String	0...512	Customer provided data. If this data is present in the request, it is echoed back to the customer.	
ResponseStatusCode	/RatingServiceSelectionResponse/Response/ResponseStatusCode	Yes	One	String	1	Identifies the success or failure of the interchange. 1 = Success; 0 = Failure	
ResponseStatusDescription	/RatingServiceSelectionResponse/Response/ResponseStatusDescription	No	One	String	1...15	Describes the Response Status Code.	
Error	/RatingServiceSelectionResponse/Response/Error	No	Many	Container	N/A	If an error is encountered during the interchange, the Response contains an error. If the error is present, then the ErrorSeverity and ErrorCode are required.	
ErrorSeverity	/RatingServiceSelectionResponse/Response/Error/ErrorSeverity	Yes	One	String	1...15	Describes the severity of the error. (Hard or Transient)	
ErrorCode	/RatingServiceSelectionResponse/Response/Error/ErrorCode	Yes	One	String	1...15	A numeric value that describes the error. Each tool defines a range of error codes. Based on the current functionality only the first error is returned and processing terminates.	
ErrorDescription	/RatingServiceSelectionResponse/Response/Error/ErrorDescription	No	One	String	1...50	Describes the error code.	
MinimumRetrySeconds	/RatingServiceSelectionResponse/Response/Error/MinimumRetrySeconds	No	One	String	8		

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Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules
ErrorLocation	/RatingServiceSelectionResponse/Response/Error/ErrorLocation	No	Many	Container	N/A	Identifies the element in error.	
ErrorLocationElementName	/RatingServiceSelectionResponse/Response/Error/ErrorLocation/ErrorLocationElementName	No	One	String	1...512	The Xpath name of the element in error. This is a valid Xpath pointing to an element in the request document.	
ErrorLocationAttributeName	/RatingServiceSelectionResponse/Response/Error/ErrorLocation/ErrorLocationAttributeName	No	One	String	1...50	The name of the attribute in error. This is the name of the attribute contained by the Error Location element.	
ErrorDigest	/RatingServiceSelectionResponse/Response/Error/ErrorDigest	No	Many	String	unbounded	The contents of the element in error.	
RatedShipment	/RatingServiceSelectionResponse/RatedShipment	Yes	One	Container	N/A	N/A	
Service	/RatingServiceSelectionResponse/RatedShipment/Service	Yes	One	Container	N/A	N/A	
Code	/RatingServiceSelectionResponse/RatedShipment/Service/Code	Yes	One	String	2	The rated shipment's UPS service.	
Description	/RatingServiceSelectionResponse/RatedShipment/Service/Description	No	One	String	35	The rated shipment's UPS service Description.	
RatedShipmentWarning	/RatingServiceSelectionResponse/RatedShipment/RatedShipmentWarning	No	One	String	150	Location of warning messages	
BillingWeight	/RatingServiceSelectionResponse/RatedShipment/BillingWeight	Yes	One	Container	N/A	N/A	

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Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules
UnitOfMeasurement	/RatingServiceSelectionResponse/RatedShipment/BillingWeight/UnitOfMeasurement	Yes	One	Container	N/A	N/A	
Code	/RatingServiceSelectionResponse/RatedShipment/BillingWeight/UnitOfMeasurement/Code	Yes	One	String	3	The code associated with the unit of measure for the billable weight of a shipment.	
Description	/RatingServiceSelectionResponse/RatedShipment/BillingWeight/UnitOfMeasurement/Description	No	One	String	35	The description for the billable weight associated with the shipment.	
Weight	/RatingServiceSelectionResponse/RatedShipment/BillingWeight/Weight	Yes	One	String	5.1	The value for the billable weight associated with the shipment.	
TransportationCharges	/RatingServiceSelectionResponse/RatedShipment/TransportationCharges	Yes	One	Container	N/A	N/A	
CurrencyCode	/RatingServiceSelectionResponse/RatedShipment/TransportationCharges/CurrencyCode	No	One	String	3	The IATA currency code associated with the transportation costs for the shipment.	
MonetaryValue	/RatingServiceSelectionResponse/RatedShipment/TransportationCharges/MonetaryValue	Yes	One	String	16.2	The value for the transportation costs associated with the shipment.	
ServiceOptionsCharges	/RatingServiceSelectionResponse/RatedShipment/ServiceOptionsCharges	Yes	One	Container	N/A	N/A	
CurrencyCode	/RatingServiceSelectionResponse/RatedShipment/ServiceOptionsCharges/CurrencyCode	No	One	String	3	The IATA currency code associated with the accessorial charges for the shipment.	
MonetaryValue	/RatingServiceSelectionResponse/RatedShipment/ServiceOptionsCharges/MonetaryValue	Yes	One	String	16.2	The value for the accessorial charges associated with the shipment.	

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Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules
TotalCharges	/RatingServiceSelectionResponse/RatedShipment/TotalCharges	Yes	One	Container	N/A	N/A	
CurrencyCode	/RatingServiceSelectionResponse/RatedShipment/TotalCharges/CurrencyCode	No	One	String	3	The IATA currency code associated with the total charges for the shipment.	
MonetaryValue	/RatingServiceSelectionResponse/RatedShipment/TotalCharges/MonetaryValue	Yes	One	String	16.2	The value for the total charges associated with the shipment.	
GuaranteedDaysToDelivery	/RatingServiceSelectionResponse/RatedShipment/GuaranteedDaysToDelivery	Yes	One	String	8	The rated shipment's guaranteed delivery date. Denotes UPS published guarantee times. (i.e., 3 Day Select = 3)	
ScheduledDeliveryTime	/RatingServiceSelectionResponse/RatedShipment/ScheduledDeliveryTime	Yes	One	String	6	The rated shipment's committed delivery time.	
RatedPackage	/RatingServiceSelectionResponse/RatedShipment/RatedPackage	Yes	200	Container	N/A	N/A	
TransportationCharges	/RatingServiceSelectionResponse/RatedShipment/RatedPackage/TransportationCharges	No	One	Container	N/A	N/A	
CurrencyCode	/RatingServiceSelectionResponse/RatedShipment/RatedPackage/TransportationCharges/CurrencyCode	No	One	String	3	The IATA currency code associated with the transportation costs for the package.	
MonetaryValue	/RatingServiceSelectionResponse/RatedShipment/RatedPackage/TransportationCharges/MonetaryValue	Yes	One	String	16.2	The value for the transportation costs associated with the package.	
ServiceOptionsCharges	/RatingServiceSelectionResponse/RatedShipment/RatedPackage/ServiceOptionsCharges	No	One	Container	N/A	N/A	
CurrencyCode	/RatingServiceSelectionResponse/RatedShipment/RatedPackage/ServiceOptionsCharges/CurrencyCode	No	One	String	3	The IATA currency code associated with the accessorial charges for the package.	

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Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules
MonetaryValue	/RatingServiceSelectionResponse/RatedShipment/RatedPackage/ServiceOptionsCharges/MonetaryValue	Yes	One	String	16.2	The value for the accessorial charges associated with the package.	
TotalCharges	/RatingServiceSelectionResponse/RatedShipment/RatedPackage/TotalCharges	No	One	Container	N/A	N/A	
CurrencyCode	/RatingServiceSelectionResponse/RatedShipment/RatedPackage/TotalCharges/CurrencyCode	Yes	One	String	3	The IATA currency code associated with the total charges for the package.	
MonetaryValue	/RatingServiceSelectionResponse/RatedShipment/RatedPackage/TotalCharges/MonetaryValue	Yes	One	String	16.2	The value for the total charges associated with the package.	
Weight	/RatingServiceSelectionResponse/RatedShipment/RatedPackage/Weight	No	One	String	5.1	The weight of the package in the rated shipment.	
BillingWeight	/RatingServiceSelectionResponse/RatedShipment/RatedPackage/BillingWeight	No	One	Container	N/A	N/A	
UnitOfMeasurement	/RatingServiceSelectionResponse/RatedShipment/RatedPackage/BillingWeight/UnitOfMeasurement	Yes	One	Container	N/A	N/A	
Code	/RatingServiceSelectionResponse/RatedShipment/RatedPackage/BillingWeight/UnitOfMeasurement/Code	Yes	One	String	3	The code associated with the unit of measure for the billable weight of a package.	
Description	/RatingServiceSelectionResponse/RatedShipment/RatedPackage/BillingWeight/UnitOfMeasurement/Description	Yes	One	String	1..35	The description associated with the unit of measure for the billable weight of a package.	
Weight	/RatingServiceSelectionResponse/RatedShipment/RatedPackage/BillingWeight/Weight	Yes	One	String	5.1	The value for the billable weight associated with the package.	

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Name	XPath	Required	Max Allowed	Type	Length	Description	Validation Rules
NegotiatedRates	/RatingServiceSelectionResponse/RatedShipment/NegotiatedRates	Cond	One	Container	N/A		
NetSummaryCharges	/RatingServiceSelectionResponse/RatedShipment/NegotiatedRates/NetSummaryCharges	Cond	One	Container	N/A		
GrandTotal	/RatingServiceSelectionResponse/RatedShipment/NegotiatedRates/NetSummaryCharges/GrandTotal	Cond	One	Container	N/A		
CurrencyCode	/RatingServiceSelectionResponse/RatedShipment/NegotiatedRates/NetSummaryCharges/GrandTotal/CurrencyCode	Yes	One	String	3	Net Summary charges currency code type.	
MonetaryValue	/RatingServiceSelectionResponse/RatedShipment/NegotiatedRates/NetSummaryCharges/GrandTotal/MonetaryValue	Yes	One	String	1..19	Net Summary Grand Total Charges for Account Based Rating.	

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