



Pickup Web Service 1.2.1

Confidential

Revision Notes

Revision	Date	Change Description
1.0.0	03/05/2010	Version 1.0 Created.
1.0.1	10/04/2010	Additional error codes.
1.1.0	07/08/2011	Addition of Mode or Transport for the Shipment Summary Detail complex type.
1.2.0	07/07/2014	Update to the introduction. Additional Field in the request context.
1.2.1	07/21/2015	Section 2.7 Error Messages / Codes – added the following error code: <ul style="list-style-type: none"> • 4100825
1.2.1	08/07/2015	APPENDIX B – Allowed Code List - Updated "Street Type" list to ensure that all valid and active Street Type names are displayed.

Table of Contents

1	GETTING STARTED.....	5
1.1	INTRODUCTION.....	5
1.2	DOCUMENT OVERVIEW.....	6
1.3	SPECIFICATION COMPLIANCE.....	6
1.4	DEVELOPMENT PLATFORMS.....	6
1.5	RELATED RESOURCES.....	7
1.6	PUROLATOR E-SHIP WEB SERVICES DEVELOPMENT PROCESS.....	7
2	WEB SERVICES.....	9
2.1	CHARACTERISTICS OF CALLS.....	9
2.2	DATA TYPES.....	9
2.3	SECURITY.....	9
2.4	SERVICE METHODS AND OBJECTS.....	10
2.4.1	<i>Schedule Pickup</i>	10
2.4.2	<i>Validate Pickup</i>	14
2.4.3	<i>Get Pickup History</i>	16
2.4.4	<i>Void Pickup</i>	18
2.4.5	<i>Modify Pickup</i>	19
2.5	ERROR HANDLING.....	21
2.6	IMPLEMENTATION CONSIDERATIONS.....	22
2.7	ERROR MESSAGES / CODES.....	23
	APPENDIX A – COMPLETE FIELD LIST.....	25
	APPENDIX B – ALLOWED CODE LIST.....	32

Legal and Copyright Notices

This document, and the information contained herein, is confidential and proprietary to Purolator Inc., and its use is governed by the Purolator E-Ship® Resource Centre Agreement or the Purolator E-Ship® Web Services Soft Launch Agreement (as applicable). In the event of a conflict between this document and the Purolator E-Ship Resource Centre Agreement or the Purolator E-Ship Web Services Soft Launch Agreement (as applicable), the Purolator E-Ship Resource Centre Agreement or the Purolator E-Ship Web Services Soft Launch Agreement (as applicable) will govern to the extent of the inconsistency.

The information in this documentation may be changed at any time without notice. If you have gained access to this document without first agreeing to the Purolator E-Ship Resource Centre Agreement or the Purolator E-Ship Web Services Soft Launch Agreement (as applicable) you must cease using this document immediately and destroy any copies obtained.

© 2015 Purolator Inc., Purolator and the Purolator logo are trademarks of Purolator Inc. All rights reserved.

1 Getting Started

1.1 Introduction

To help you integrate Purolator E-Ship Web Services into your website or application, Purolator provides technical documentation and sample code for each Web Service. The documents include detailed technical information for each Web Service and detail Purolator's service offerings. Additional information and support is available on the Purolator E-Ship Developer Forum <http://www.purolatorwebservices.com>, on the E-Ship Web Services Wiki <http://www.purolatorwebservices.com/wiki2>, and through the Support section of the E-Ship Resource Centre <http://www.purolator.com/eship>.

The following documents can be downloaded in the Documentation and Sample Code section.

Introduction

Introduction to Purolator E-Ship Web Services

Service Availability Web Service

Validate origin and destination addresses and receive all available Purolator services, products, options and associated rules.

Estimates Web Service

Receive estimates based on origin and destination addresses as well as package and service inputs. Estimates are available as quick estimates using list prices or detailed estimates for customers with negotiated pricing.

Shipping Web Service

Create domestic, U.S. and International shipments. Please note that shipping labels and documents are created using the Get Documents Web Service.

Returns Management Web Service

Create domestic Returns Management shipments. Please note that shipping labels and documents are created using the Get Documents Web Service.

Get Documents Web Service

Retrieve shipment labels and documentation for shipments.

Tracking Web Service

Get detailed tracking information in real-time using a Purolator PIN / tracking number or shipment reference.

Pickup Web Service

Schedule, modify, validate and void pickups. View your pickup history and upcoming pickups.

Soap UI Project File

Example use cases and sample results for all Purolator E-Ship Web Services.

Certification

Guidelines to help ensure your Purolator E-Ship Web Services integration is ready to promote into Purolator's production environment.

Security Options (if applicable)

Security options available for your Purolator E-Ship Web Services implementation. This document will be provided when you are ready to take your website or application into Purolator's production environment. The availability of this document will depend on the type of web service integration you are executing.

1.2 Document Overview

This document is a technical specification that describes Purolator's Pickup Web Service. It is geared towards developers who will build applications to request a pickup from Purolator.

In order to create a pickup, the pickup web service requires particulars like pickup address, number of pieces and destination, trailer accessible, pickup location (example: front door), and supplies requested.

This document uses the following structure to explain our Pickup Web Service:

Introduction (this chapter)

- Web Services overview
- Specification compliance
- Development platform compatibility
- Related resources
- Web services development process

Web Services

- Explanations of the characteristics of calls, as well as data types used
- Security information
- Service details for the Pickup service
- Implementation considerations
- Error details and error codes and descriptions

Appendix

- Complete field listing
- Enumeration and expected values

1.3 Specification Compliance

The Web Services are designed to comply with the following specifications:

Specification Name	Website
Simple Object Access Protocol (SOAP) 1.1	http://www.w3.org/TR/2000/NOTE-SOAP-20000508/
Web Service Description Language (WSDL) 1.1	http://www.w3.org/TR/2001/NOTE-wsdl-20010315

Please visit the websites listed above for detailed information regarding SOAP and WSDL technologies.

1.4 Development Platforms

The Web Services work with any current SOAP/XML development environments.

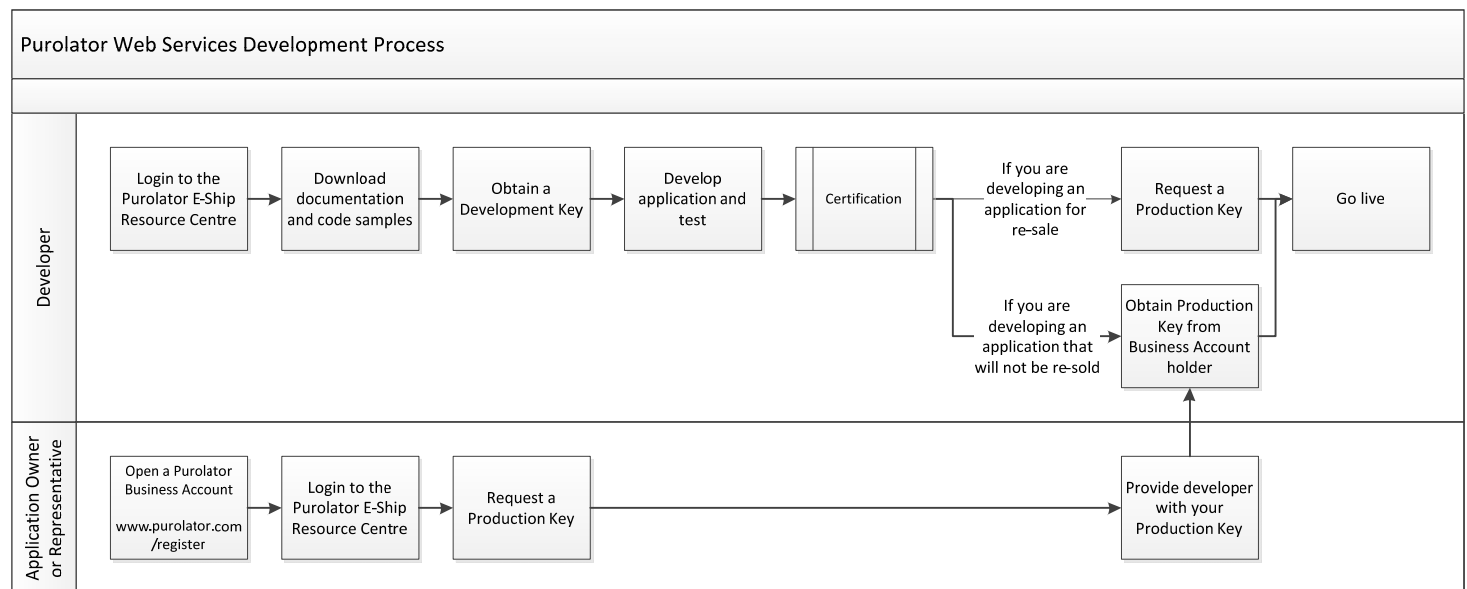
Note: Development platforms vary in their SOAP/XML implementations. Please refer to your platform's documentation for more information.

1.5 Related Resources

The Purolator E-Ship Resource Centre provides a full suite of documentation, sample code, sample SOAP messages, community-based support, and other resources to help you with your development projects. Be sure to visit www.purolator.com/eship to access all of the resources available to you and get support with your integration.

1.6 Purolator E-Ship Web Services Development Process

To integrate Purolator E-Ship Web Services within your application, follow the steps outlined below.



Web Services Developer Process

Follow these steps if you're a developer that will be integrating Purolator E-Ship Web Services.

Step 1: **Download Documentation and Code Samples**

View code samples and documentation for the Purolator E-Ship Web Service(s) you will be using.

Documentation and sample code, such as WSDL, is available in the Documentation and Sample Code section of the E-Ship Resource Centre at www.purolator.com/eship.

Step 2: **Obtain a Development Key**

Obtain a Development Key. This will allow you to test your code in the Purolator E-Ship Test Environment.

Note: Your Development Key, password, and test account number will be used to access the development environment.

Step 3: **Develop**

Develop your application using the code samples and documentation.

Step 4: **Test**

Test your application in the Purolator E-Ship Test Environment. Data in the Test Environment is sample data and should be used for testing purposes only.

Step 5: Certification

Based on qualification criteria, some applications may be required to go through Certification before moving to production. A Purolator representative will inform you of whether your application will be required to complete this step. Certification documentation is available in the Documentation and Sample Code section.

Step 6: Request a Production Key

Request a Production Key once your development and testing are complete. You will receive an inactive Production Key until we review your request.

If you're integrating Purolator E-Ship Web Services into an application that won't be re-sold, the Purolator Business Account holder must request the Production Key.

Replace the Development Key with the Production Key, and replace the development WSDL with the production WSDL. The Production Key will allow you to access account-specific shipping, tracking, estimates and returns information. Once activated, you will then be ready to use Purolator E-Ship Web Services.

Note: Your Production Key, password, and account number will be used to access the production environment.

Application Owner or Representative Process

Follow these steps if you have development resources and want to integrate Purolator E-Ship Web Services into your website or application that won't be re-sold.

Step 1: Open a Purolator Business Account

If you do not already have a Purolator Business Account, please visit www.purolator.com/register to get started.

Step 2: Request a Production Key

Login to the Purolator E-Ship Resource Centre and request a Production Key. The Production Key will allow you to access shipping, tracking, estimates and returns information specific to your Purolator Business Account.

You will receive an inactive Production Key until we review your request. A Purolator representative may contact you for security purposes before your Production Key is activated. Optional security features are available through consultation with Purolator.

Step 3: Provide your developer with the Production Key

Ask your developer to replace their Development Key with your Production Key. You will then be ready to use Purolator E-Ship Web Services.

2 Web Services

Web Services is a collection of programming technologies, including XML, Web Services Description Language (WSDL) and SOAP, which allow you to build programming solutions for specific messaging and application integration.

Web Services are, by definition, platform independent. Purolator Web Services allow developers to build custom applications that are independent of changes to the Purolator interface. This is achieved through backwards compatibility support for all versions of the web services.

2.1 Characteristics of Calls

All Web Service calls are:

- **Service Requests and Responses**—your client application prepares and submits a service request to Purolator E-Ship Web Services, which is processed and a response is returned, and the client application handles the response.
- **Synchronous**—once the API call is invoked, your client application waits until it receives a response from the service. Asynchronous calls are not supported.

2.2 Data Types

Value	Description
String	Character strings. Fields that are of data type string contain text and some have length restrictions. Please see the field reference list for format and restrictions.
Decimal	Decimal represents a subset of the real numbers, which can be represented by decimal numerals. The <i>value space</i> of decimal is the set of numbers that can be obtained by dividing an integer by a non-negative power of ten, i.e., expressible as accommodate / 10 ^{<i>n</i>} where accommodate and <i>n</i> are integers and <i>n</i> ≥ 0. Precision is not reflected in this value space; the number 2.0 is not distinct from the number 2.00. (The datatype <i>precisionDecimal</i> may be used for values in which precision is significant.) The order relation on decimal is the order relation on real numbers, restricted to this subset.
Int	The <i>precisionDecimal</i> datatype represents the numeric value and (arithmetic) precision of decimal numbers which retain precision; it also includes values for positive and negative infinity and for “not a number”, and it differentiates between “positive zero” and “negative zero”. This datatype is introduced to provide a variant of decimal that closely corresponds to the floating-point decimal datatypes described by the expected forthcoming revision of IEEE/ANSI 754. Precision of values is retained and values are included for two zeroes, two infinities, and not-a-number.
Enumeration	Enumeration constrains the <i>value space</i> to a specified set of values. Enumeration does not impose an order relation on the <i>value space</i> it creates; the value of the <i>ordered</i> property of the derived datatype remains that of the datatype from which it is derived.

2.3 Security

Purolator E-Ship Web Services authentication uses the standard HTTP Basic Authentication method allowing client programs to provide credentials in the form of a user name and password when making an HTTP request. Purolator E-Ship Web Services uses the standard HTTP protocol and in our case the username corresponds to the Development and Production Key that is issued to you by Purolator when you signed up for Purolator E-Ship Web Services. These credentials are sent from your client programs to our Purolator E-Ship Web Services servers securely using SSL.

2.4 Service Methods and Objects

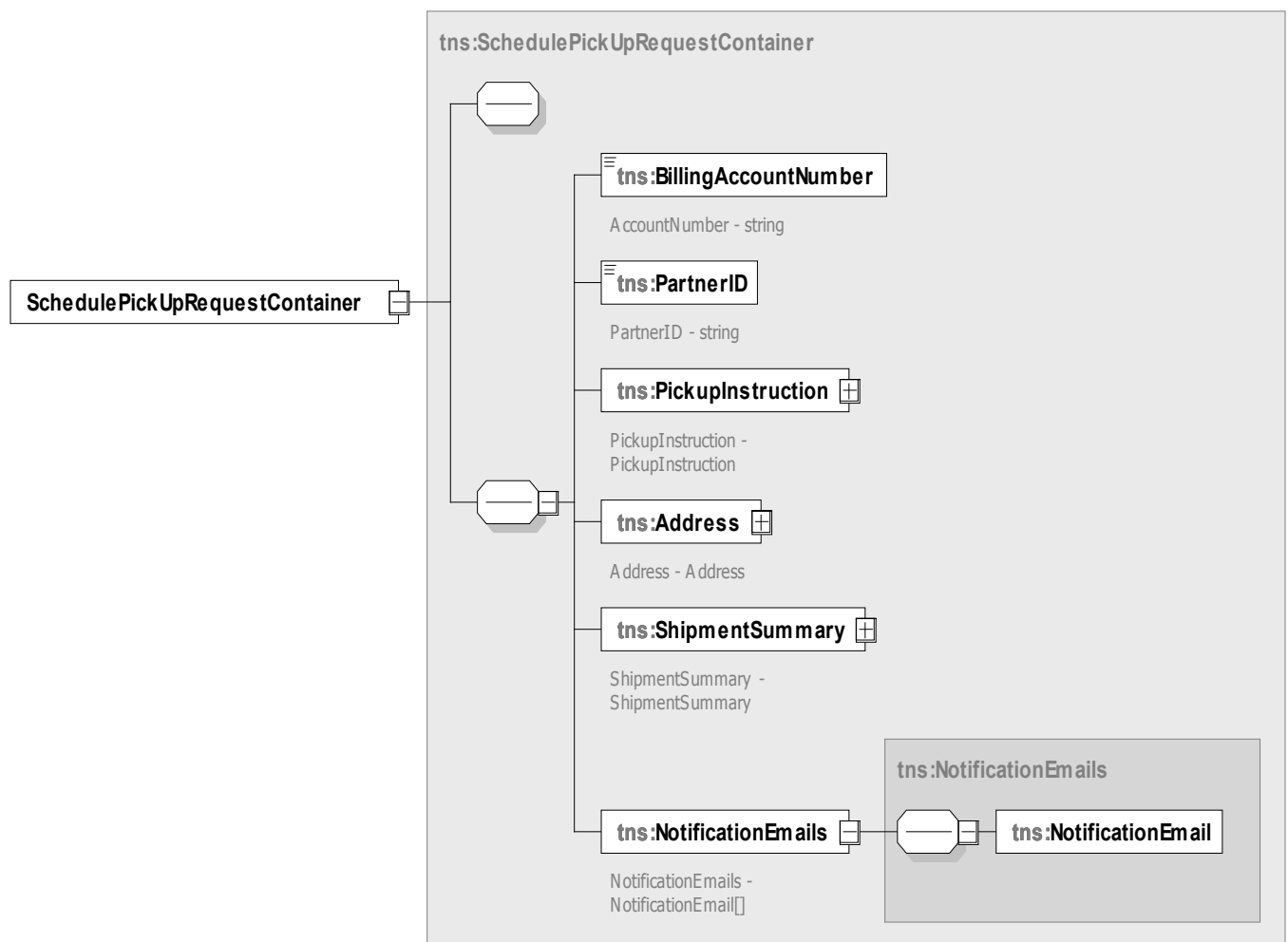
The following section will highlight the various methods associated with the shipment service. As well, visual representations will depict the XML schema of both the requests, and the responses of the service calls.

2.4.1 Schedule Pickup

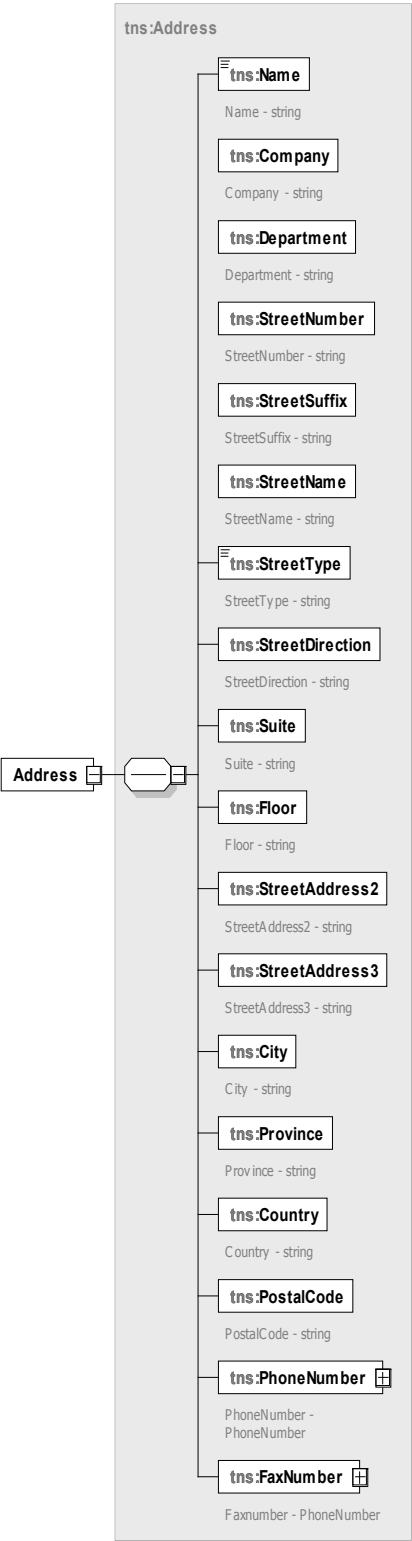
The schedule pickup method is used to schedule pickups using Purolator E-Ship Web Services. The diagrams below show the objects contained within the pickup request.

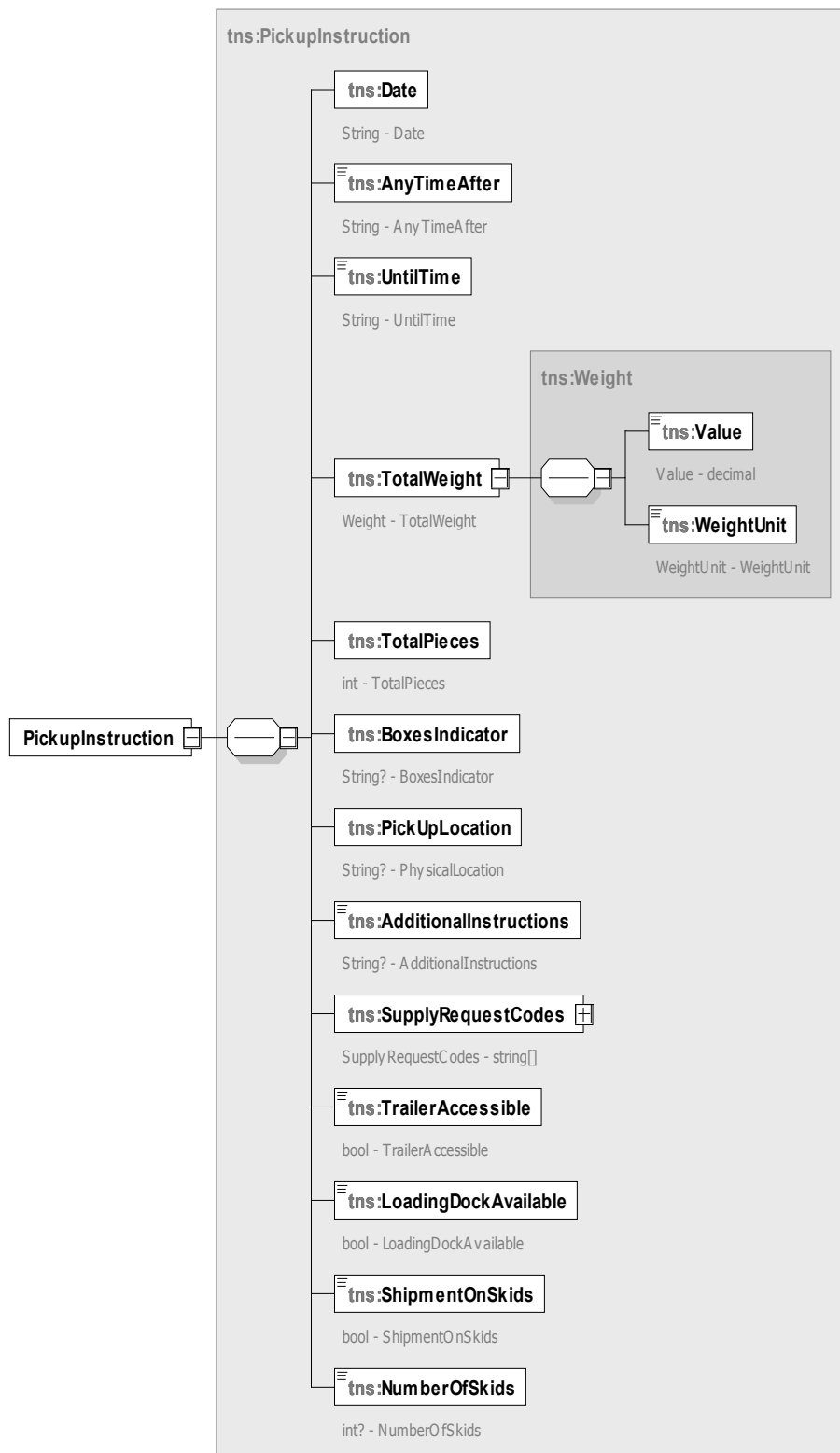
2.4.1.1

Request Diagrams – SchedulePickupRequest



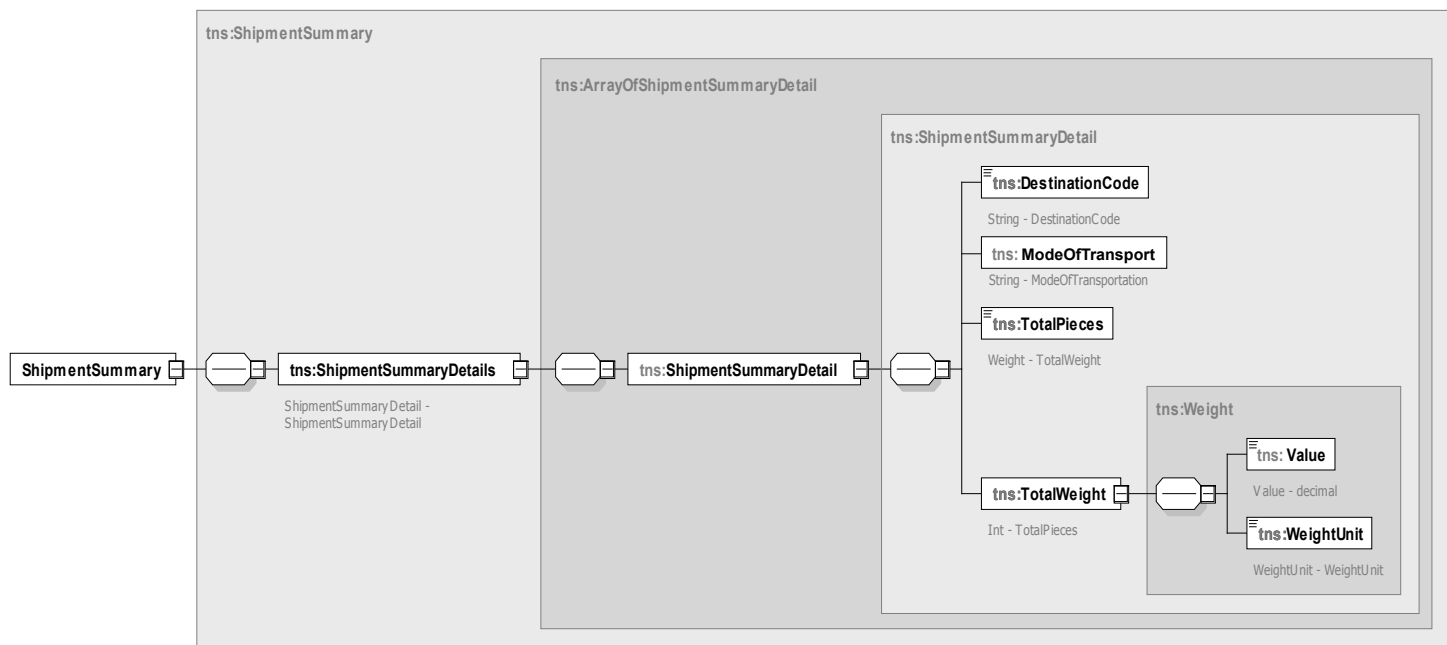
2.4.1.2 Request Diagrams – SchedulePickupRequest – Address





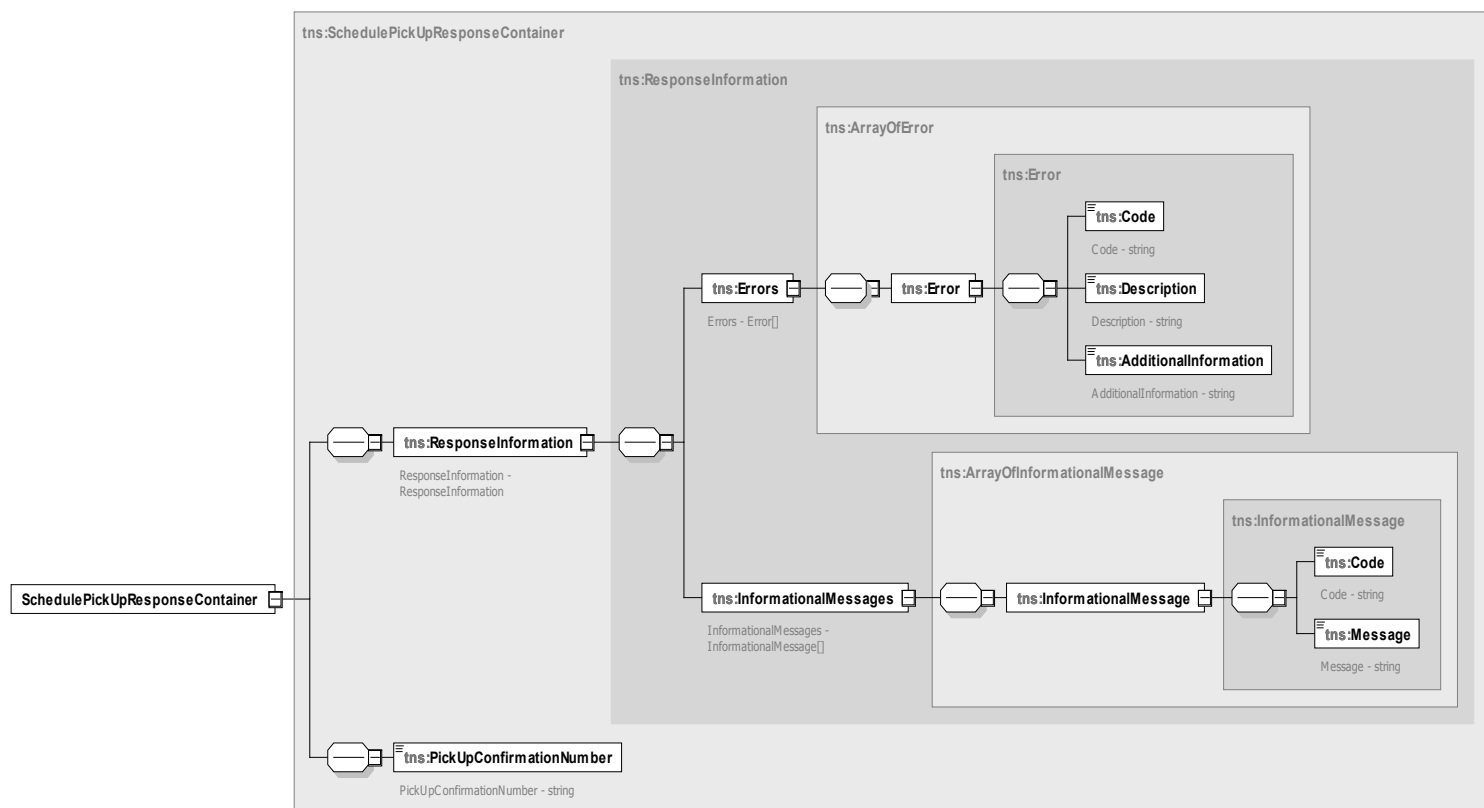
2.4.1.4

Request Diagrams – SchedulePickupRequest – ShipmentSummary



2.4.1.5

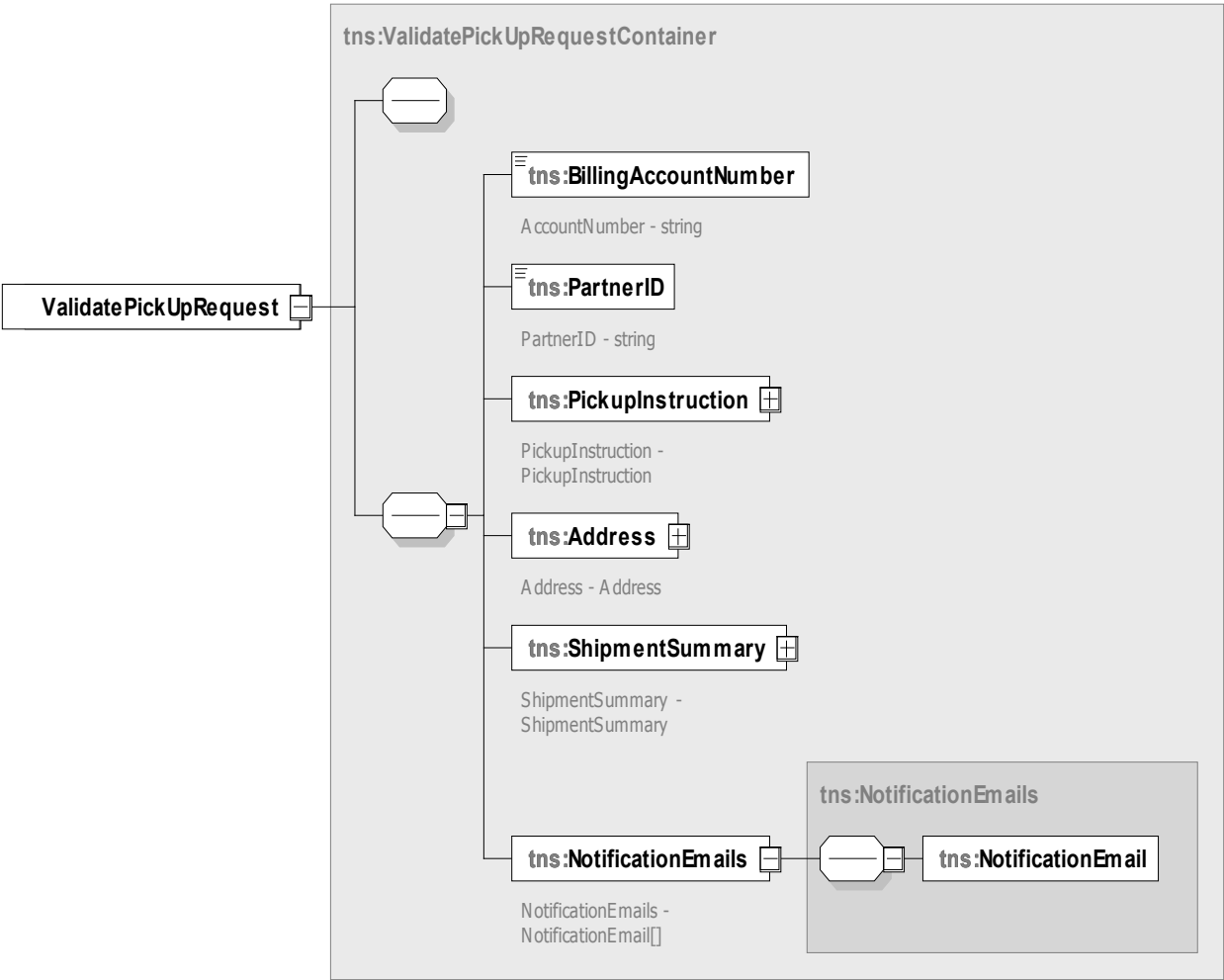
Response Diagrams – SchedulePickupResponseContainer



2.4.2 Validate Pickup

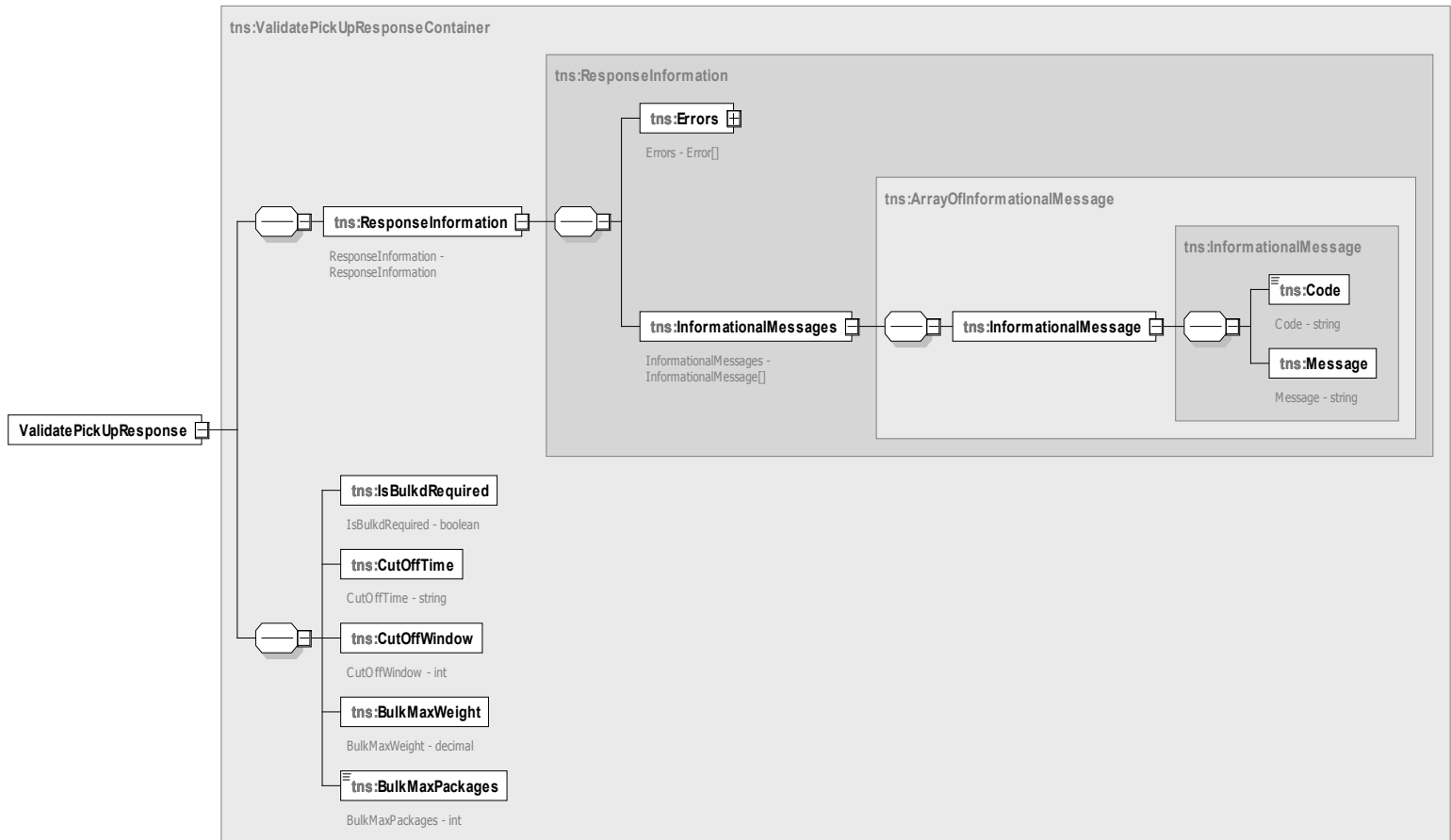
The validate Pickup method is used to validate that all pickup information is correct, and valid before committing the pickup to Purolator's systems.

2.4.2.1 Request Diagrams – ValidatePickupRequest



2.4.2.2

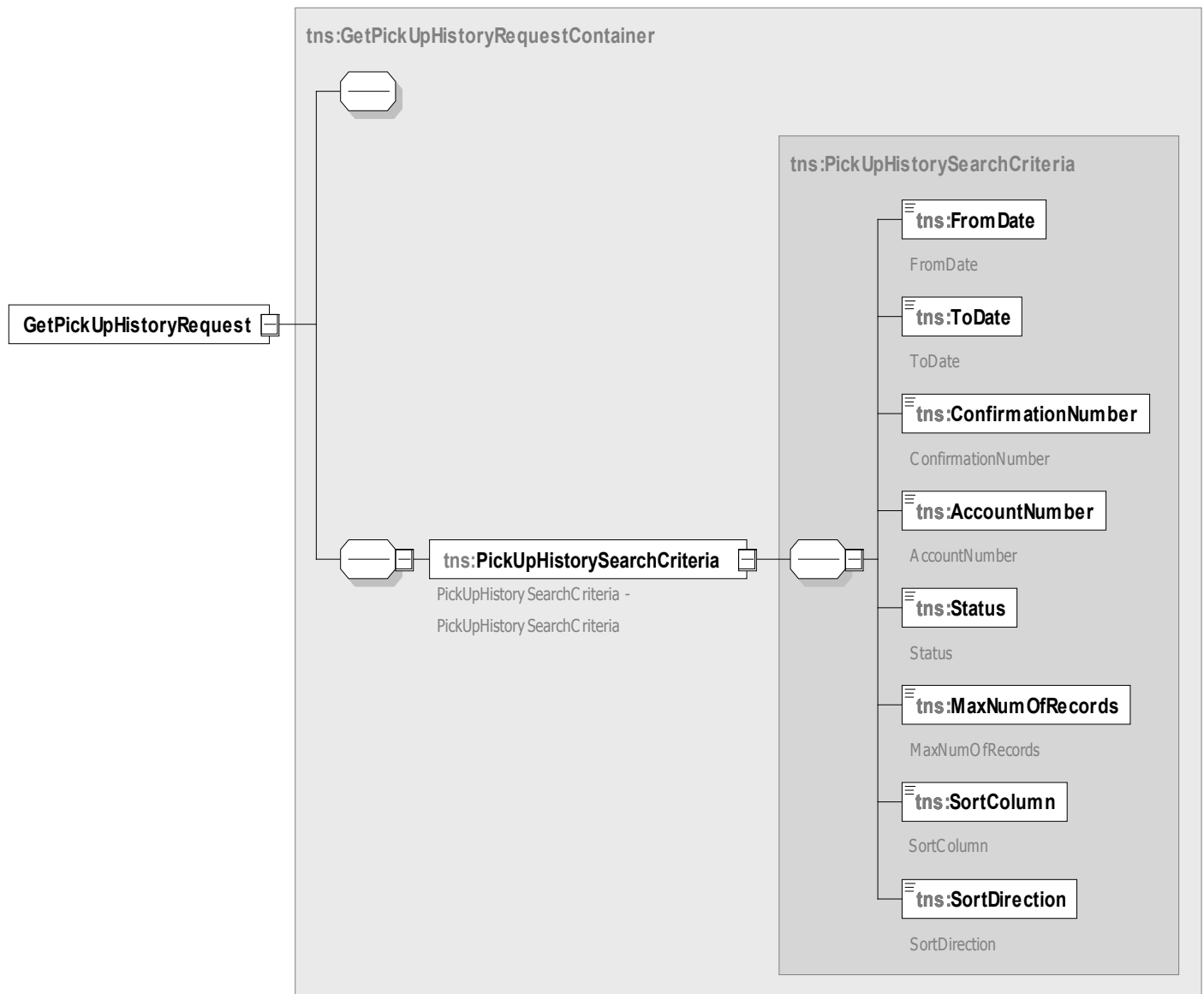
Response Diagrams – ValidatePickupResponse



2.4.3 Get Pickup History

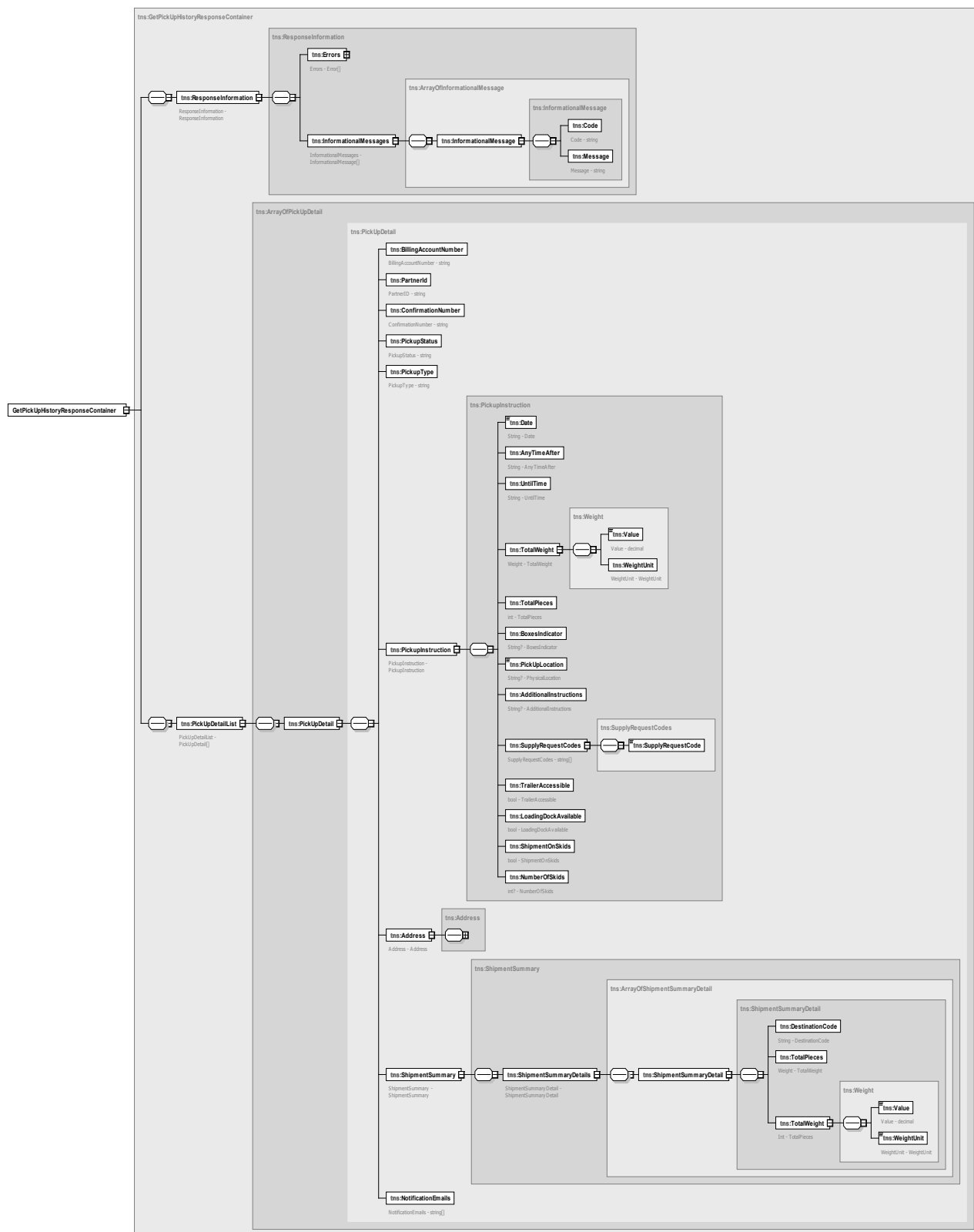
The GetHistory method returns an array of all pickups found based on a set of search criteria.

2.4.3.1 Request Diagrams – GetPickupHistoryRequest



2.4.3.2

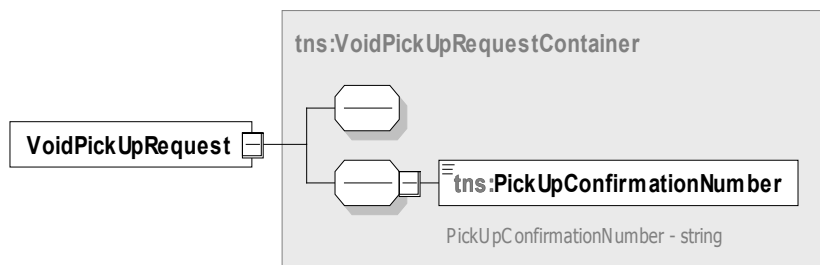
Response Diagrams – GetPickupHistoryResponse



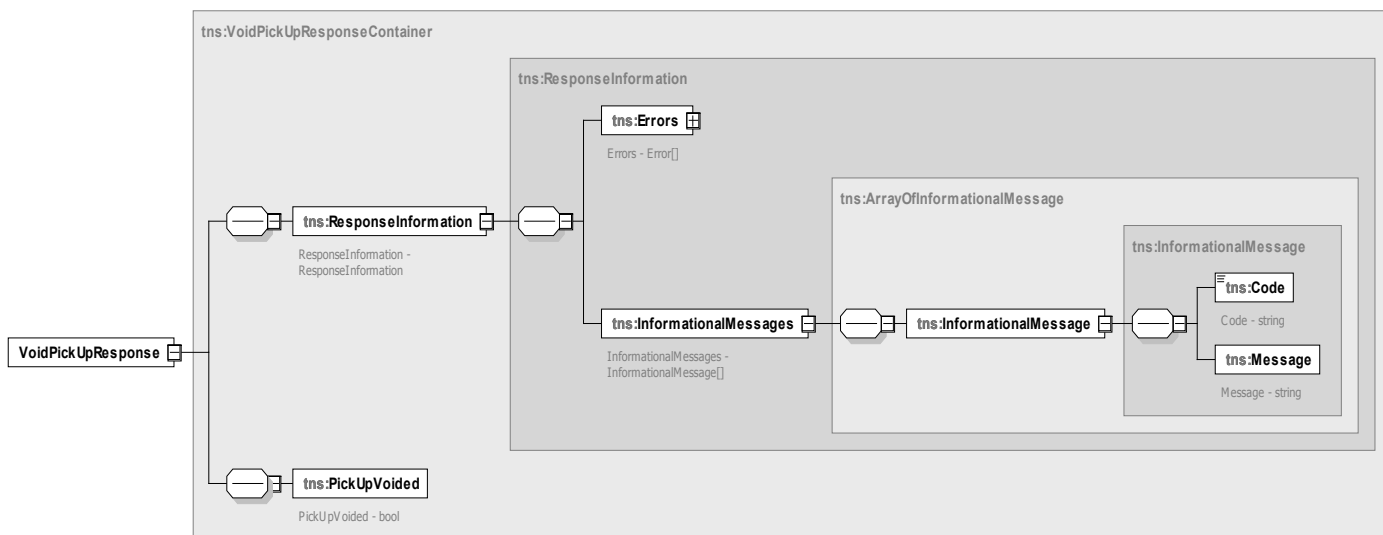
2.4.4 Void Pickup

The schedule pickup method is used to schedule pickups using Purolator E-Ship Web Services. The diagrams below show the objects contained within the pickup request.

2.4.4.1 Request Diagrams – VoidPickupRequest



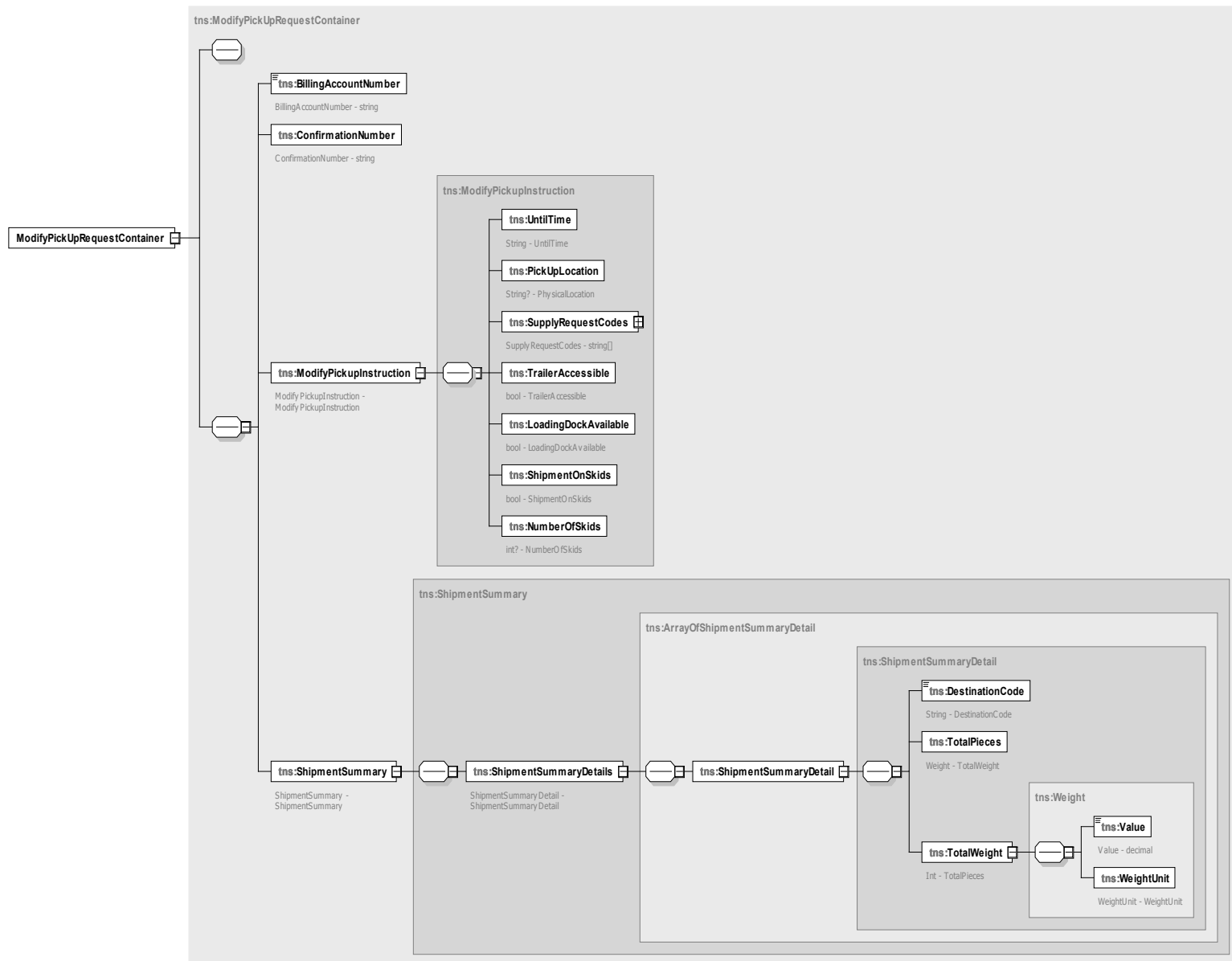
2.4.4.2 Response Diagrams –VoidPickupResponse



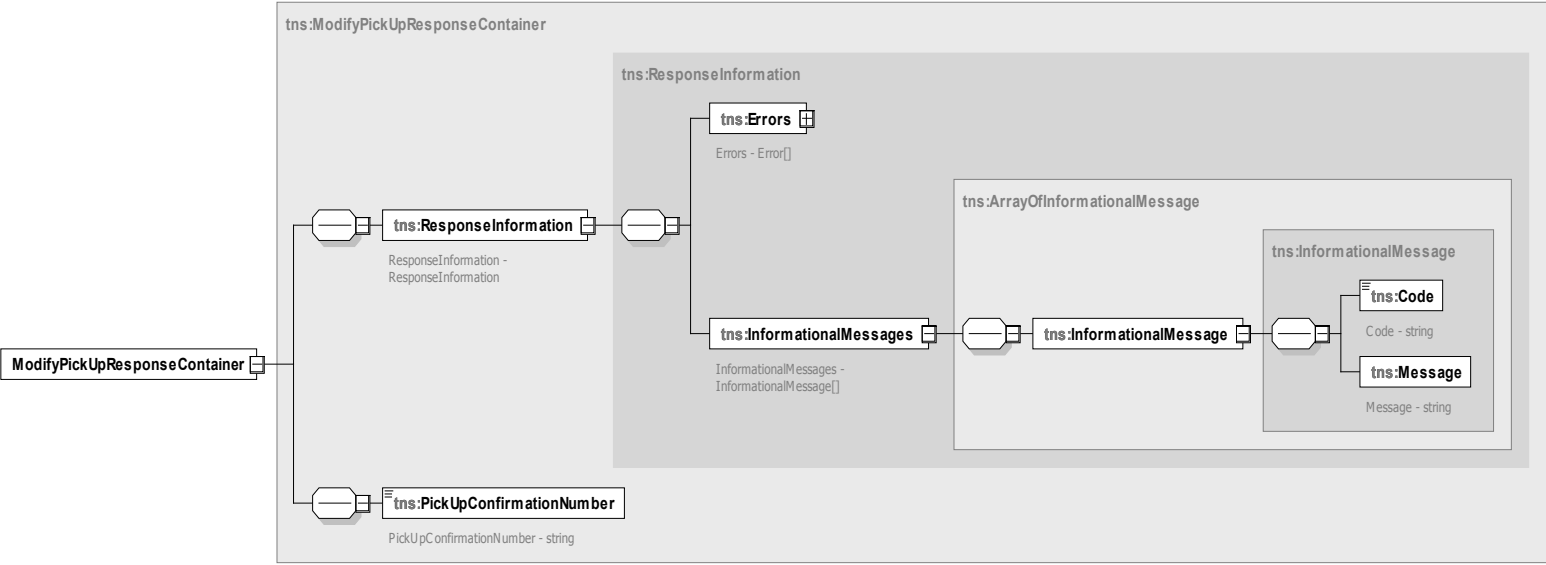
2.4.5 Modify Pickup

The schedule pickup method is used to schedule pickups using Purolator E-Ship Web Services. The diagrams below show the objects contained within the pickup request.

2.4.5.1 Request Diagrams – ModifyPickupRequest



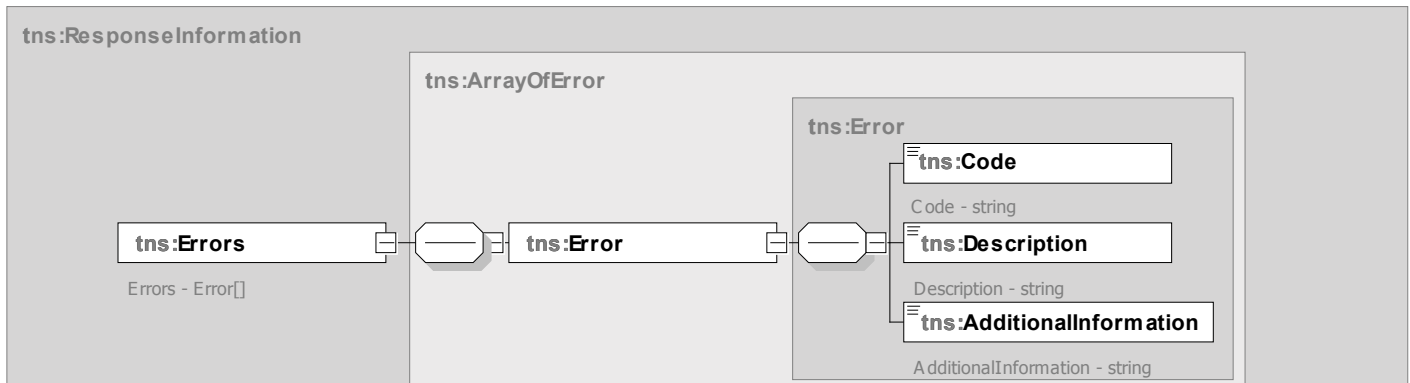
2.4.5.2 Request Diagrams – ModifyPickupResponse



2.5 Error Handling

The Web Service calls return error data that your client application can use to identify and resolve runtime errors. If an error occurs during the invocation of most Web Services calls, then the API provides the following types of error handling:

- For errors resulting from badly formed messages, failed authentication, or similar problems, the Web Services returns a SOAP fault message.
- For errors resulting from a problem with the information sent to Purolator's systems, error codes and error descriptions are returned to the client application.



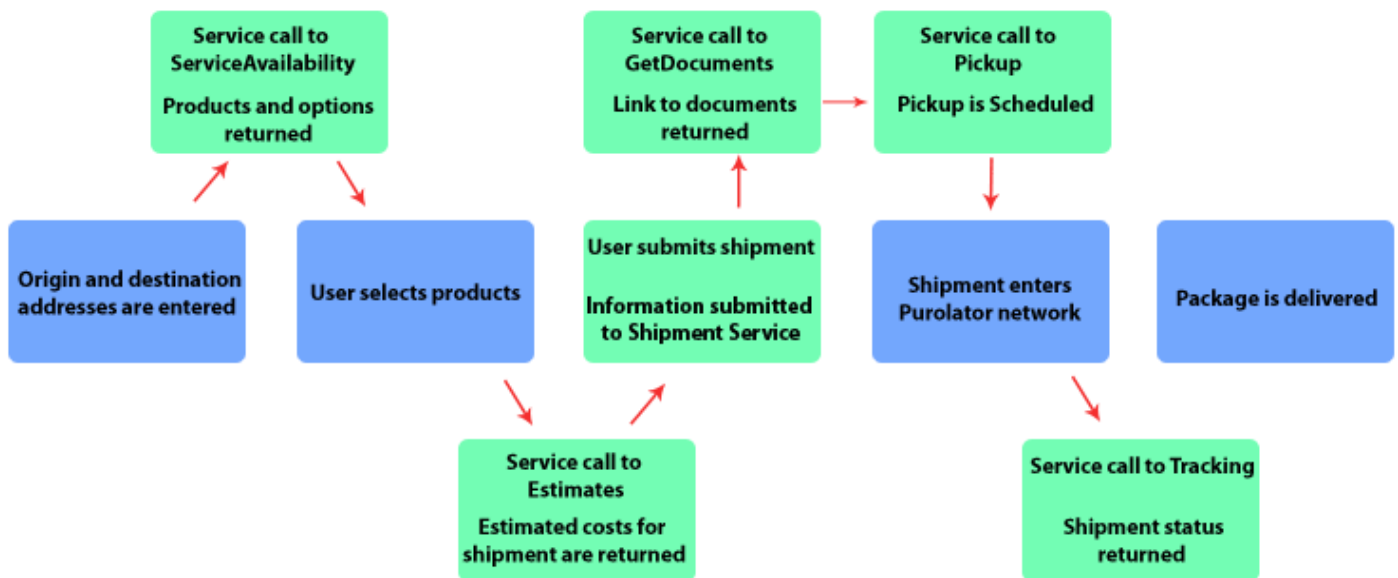
2.6 Implementation Considerations

As Purolator's business changes to meet the on-going needs of its customer, the business rules for certain products may change from time to time. As our business changes, your application doesn't have to. Purolator E-Ship Web Services offers customers an advanced Service Availability service that, when called, will return available products and services for a given origin and destination address. In addition to the available products and services, all business rules as well as product rules, product inclusions and exclusions, and products min/max dimensions and weights.

This can be used to offer your customers a greater experience, and offer all of Purolator's products and services, without needing to submit a request, only to discover that a particular product is not available for a particular address.

As well, additional Purolator E-Ship Web Services can be consumed to offer a richer customer experience. From estimates to tracking to retrieving necessary documentation, Purolator's E-Ship Web Services are designed to offer you the flexibility to consume the services required for your business.

Below is an example of how the all Purolator E-Ship Web Services may be utilized. (Green boxes denote service calls)



2.7 Error Messages / Codes

Below is a list of all the error codes and descriptions.

Web Service Error

Code	Message
9001	Authorization failed – Service Operation is inactive.
9000-1	Authorization failed – Daily Threshold limit reached.
9000-2	Authorization failed – Hourly Threshold limit reached.
9000-3	Authorization failed – Minute Threshold limit reached.
4001161	Invalid Location Code: {0}. Valid values are: {1}.
4001162	Invalid Supply Code: {0}. Valid values are: {1}.
4001163	Pickup Error.
4001164	Invalid Date '{0}'. Valid Format is YYYY-MM-DD.
4001165	Invalid Pickup Destination Code : {0}. Valid values are : {1}.
4001166	Shipment Summary Details cannot contain multiple entries with the same Destination Code.
4001167	Date parameter cannot be an empty string. Valid Format is YYYY-MM-DD.
4001168	Shipment Summary Details Weight Units have to be the same.
4100498	Please call 1-888-SHIP-123 or 1-888-744-7123 to arrange a pickup.
4100698	Pickup date requested is too far into the future.
4100699	You have tried to schedule a pickup after our pickup time has closed. Please adjust your pickup time or schedule your pickup for another date.
4100700	The time window provided for this Pickup is too short. Please adjust "From" or "To" times to allow for a longer window. If not please schedule for the next available date.
4100701	The Pickup you requested might have changed since last retrieval, please try again.
4100702	Pickup is not available at the requested location.
4100704	Address contains either a P.O. Box, Rural Route, Suburban Service or General Delivery. Please enter more information into the Address 2 field.
4100738	Weight cannot exceed %lb% lb or %kg% kg.

Code	Message
4100739	Modify PickUp cannot add destination.
4100740	Modify PickUp cannot change weight unit.
4100741	Pickup confirmation number not found.
4100742	Only Scheduled or Dispatched pickup can be modified or voided.
4100744	Pickup confirmation number must not exceed %length% characters.
4100745	Pickup date must be greater or equal to %date%.
4100747	Pickup any time after is invalid.
4100748	Pickup until time is invalid.
4100749	Additional instructions must not exceed %length% characters.
4100750	Company name must not exceed %length% characters.
4100751	Notification email address must not exceed %length% characters.
4100752	Notification email address is invalid.
4100825	Pickups cannot be performed from PO Box Addresses. To continue, please select a valid pickup address.

APPENDIX A – Complete Field List

Elements

[Address](#) | [ArrayOfError](#) | [ArrayOfInformationalMessage](#) | [ArrayOfPickupDetail](#) | [Error](#) | [GetPickupHistoryRequestContainer](#) | [GetPickupHistoryResponseContainer](#) | [ModifyPickUpRequestContainer](#) | [ModifyPickupResponseContainer](#) | [NotificationEmails](#) | [PhoneNumber](#) | [PickUpHistorySearchCriteria](#) | [PickupInstruction](#) | [RequestContext](#) | [ResponseInformation](#) | [SchedulePickupRequestContainer](#) | [SchedulePickupResponseContainer](#) | [ShipmentSummary](#) | [ShipmentSummaryDetail](#) | [ShipmentSummaryDetails](#) | [ValidatePickupRequestContainer](#) | [ValidatePickupResponseContainer](#) | [VoidPickupRequestContainer](#) | [VoidPickupResponseContainer](#) | [Weight](#)

Input

Field Name	Description	Allowed Value
ComplexType RequestContext		
Used by: RequestContext		
Version	Version Number of the Web Service Request.	1.0
Language	Used to define the Language of the Response text.	Enumeration. En fr
GroupID	For Future Use	
RequestReference	Reference Identifier for the Service Request. Used to aid in Customer Support.	String
UserToken	Activation Key belonging to a Purolator account and customer. The Activation Key is associated with the application that it will be used on and is only required for applications intended for resale.	String
ComplexType SchedulePickupRequestContainer		
Used by: SchedulePickup		
BillingAccountNumber	Required. Purolator Business Account Number	String Numeric Maximum character length: 12
PartnerID	Optional.	String
PickupInstruction	Pickup Details	Complex Type PickupInstruction
Address	Address Details	Complex Type Address
ShipmentSummary	Shipment details	Complex Type ShipmentSummary
NotificationEmails	Notifications details	Complex Type NotificationEmails

Input

Field Name	Description	Allowed Value
ComplexType PickupInstruction	Used by: SchedulePickupRequestContainer, ValidatePickupRequestContainer	
Date	Required. Requested Pickup date.	String Format: YYYY-MM-DD
AnyTimeAfter	Earliest pickup time.	String Format: HHMM
UntilTime	Latest pickup time.	String Format: HHMM
TotalWeight	Optional. For future use.	Complex Type Weight
TotalPieces	Optional. For future use.	
BoxesIndicator	Optional	String
PickUpLocation	Optional. A specific physical location where your order is available for pickup.	String. A list of the Pickup Locations can be found in the appendix of this document.
AdditionalInstructions	Optional. For future use.	
SupplyRequestCodes	Optional. Request supplies with pickup.	For a list of allowed values, please see the Supply Request Code list in the appendix.
TrailerAccessible	Optional. Your location can accommodate a 53' trailer.	String: true or false
LoadingDockAvailable	Optional. A loading dock is available at your location.	String: true or false
ShipmentOnSkids	Optional. Your order is on a skid.	String: true or false
NumberOfSkids	Optional	Number
ComplexType Address	Used by: SchedulePickupRequestContainer, ValidatePickupRequestContainer	
Name	Required. Name Information	String Alpha Numeric Maximum character length: 30
Company	Optional. Company Information	String Alpha Numeric Maximum character length: 30
Department	Optional. Department Information	String Alpha Numeric Maximum character length: 20
StreetNumber	Required* **. Street address number *Optional for US/International shipments. **Optional for ReceiverInformation	String Alpha Numeric Maximum character length: 6
StreetSuffix	Optional. Street Address Suffix	Enumeration See Street Suffix list
StreetName	Required. Street Name	String Alpha Numeric Maximum character length: 35
StreetType	Optional. Street Type	Enumeration. See Street Type list

Input

Field Name	Description	Allowed Value
StreetDirection	Optional. Street Direction	Enumeration: See Street Direction list
Suite	Optional. Suite Number	String Alpha Numeric Maximum character length 6
Floor	Optional. Floor Number	String Alpha Numeric Maximum character length 3
StreetAddress2	Optional. Address information line 2	String Alpha Numeric Maximum character length 25
StreetAddress3	Optional. Address information line 3	String Alpha Numeric Maximum character length 25
City	Required. City	String Alpha Numeric Maximum character length 30
Province	Required*. Province/State * Should be blank for international shipments.	String Enumeration See Province/State list
Country	Required. Country name	String Enumeration See Country List
PostalCode	Required. Postal/Zip Code	Canadian Postal Code or USA Zip Code.
PhoneNumber	Phone number	Complex Type PhoneNumber
FaxNumber	Fax Number	Complex Type PhoneNumber
ComplexType PhoneNumber	Used by: Address/FaxNumber, Address/PhoneNumber, PhoneNumber	
CountryCode	Country Code	String. Numeric
AreaCode	Area Code	String. Numeric
Phone	Phone Number	String. Numeric
Extension	Extension	String. Numeric
ComplexType Weight	Used by: PickupInstructions	
Value	Required. Weight	Numeric
WeightUnit	Required. Unit of measurement	"lb" for pounds or "kg" for kilogram
ComplexType ShipmentSummary	Used by: SchedulePickupRequestContainer, ValidatePickupRequestContainer	
ShipmentSummaryDetails		Complex Type ShipmentSummaryDetails
ComplexType ShipmentSummaryDetails	Used by: SchedulePickupRequestContainer, ValidatePickupRequestContainer	
ShipmentSummaryDetail		Complex Type ShipmentSummaryDetail

Input

Field Name	Description	Allowed Value
ComplexType ShipmentSummaryDetail	Used by: SchedulePickupRequestContainer, ValidatePickupRequestContainer	
DestinationCode	Required. Shipment destination: Canada, USA or International.	Enumeration: DOM USA INT
ModeOfTransport	Optional. Shipment service mode.	String Allowed values; Ground, Express, or Express\Ground
TotalPieces	Required. Number of pieces for a shipment destination.	Number
TotalWeight	Required. Weight for a shipment destination.	Complex Type Weight
ComplexType NotificationEmails	Used by: NotificationInformation, Shipment/NotificationInformation	
NotificationEmail	Optional. Email address which will receive the Pickup confirmation email.	String Valid email address format. xxx@xxxx.xxx
ComplexType ValidatePickupRequestContainer	Used by: ValidatePickup	
BillingAccountNumber	Required. Purolator Business Account Number	String Numeric Maximum character length: 12
PartnerID	Optional.	String
PickupInstruction	Pickup Details	Complex Type PickupInstruction
Address	Address details	Complex Type Address
ShipmentSummary	Shipment details	Complex Type ShipmentSummary
NotificationEmails	Notification details	Complex Type NotificationEmails
ComplexType VoidPickupRequestContainer	Used by: VoidPickup	
PickupConfirmationNumber	Required. Pickup Confirmation Number	String Numeric Maximum character length: 12
ComplexType GetPickupHistoryRequestContainer	Used by: GetPickUpHistoryRequest	
PickupHistorySearchCriteria		Complex Type PickUpHistorySearchCriteria
ComplexType PickUpHistorySearchCriteria	Used by: GetPickUpHistoryRequestContainer	
FromDate	Required. Search From date.	String Format: YYYY-MM-DD

Input

Field Name	Description	Allowed Value
ToDate	Required. Search To date.	String Format: YYYY-MM-DD
ConfirmationNumber	Optional. Search for a particular Confirmation Number	String Numeric Maximum character length: 12
AccountNumber	Required. Search for pickups scheduled with a particular Purolator Account Number. May be empty.	String Numeric Maximum character length: 12
Status	Optional. Search for pickups in a particular status.	String One of: Scheduled, Dispatched, Cancelled, NoPickup, PickedUp, Pending
MaxNumOfRecords	Maximum number of pickup records to be returned.	Number
SortColumn	Optional. For future use.	String
SortDirection	Optional. For future use.	String
ComplexType ModifyPickUpRequestContainer	Used by: ModifyPickupRequest	
BillingAccountNumber	Purolator Business Account Number.	String Numeric Maximum character length: 12
ConfirmationNumber	Pickup Confirmation Number.	String Numeric Maximum character length: 12
ModifyPickupInstruction	Pickup Details	Complex Type PickupInstruction
ShipmentSummary	Shipment details	Complex Type ShipmentSummary

Output

Field Name	Description	Output Values
Element SchedulePickupResponseContainer	Used by: SchedulePickupResponse	
PickUpConfirmationNumber	Pickup Confirmation Number	String. Alpha Numeric.
ResponseInformation	Information regarding the request.	Complex Type ResponseInformation
Element ValidatePickupResponseContainer	Used by: ValidatePickupResponse	
IsBulkdRequired	The pickup is identified as bulk	String. true or false
CutOffTime	Cut off time for pickups.	String HHMM
CutOffWindow	For future considerations	String HHMM

Output

Field Name	Description	Output Values
BulkMaxWeight	For future considerations	Numeric
BulkMaxPackages	For future considerations	Numeric
ResponseInformation	Information regarding the request.	Complex Type ResponseInformation
Element VoidPickupResponseContainer	Used by: VoidPickupResponse	
PickUpVoided	A Boolean value indicating the status of the Void Pickup Request.	Boolean true, false
ResponseInformation	Information regarding the request.	Complex Type ResponseInformation
Element GetPickupHistoryResponseContainer	Used by: GetPickupHistoryResponse	
ResponseInformation	Response Information.	Complex Type ResponseInformation
PickupDetailsList	Container for the Pickup detail array.	Complex Type ArrayOfPickupDetail
Element ArrayOfPickupDetail	Used by: GetPickupHistoryResponseContainer	
PickupInstruction	Array of Pickup specifics.	Complex Type PickupInstruction
Element ModifyPickupResponseContainer	Used by: ModifyPickupResponse	
PickupConfirmationNumber	Pickup Confirmation Number	String Numeric Maximum character length: 12
ResponseInformation	Information regarding the request.	Complex Type ResponseInformation
Element ResponseInformation	Used by: SchedulePickupResponseContainer/ GetPickupHistoryResponseContainer/ ModifyPickupResponseContainer	
ResponseReference		
Errors	Array of errors	Complex Type ArrayOfError
InformationalMessages	Additional Information Messages regarding the response.	Complex Type ArrayOfInformationalMessages
ComplexType ArrayOfError	Used by: ArrayOfError, ResponseInformation/Errors	
Error	Error information returned by the service call.	Complex Type Error

Output

Field Name	Description	Output Values
ComplexType Error	Used by: Error, ArrayOfError/Error	
Code	Error Code	String. Alpha Numeric.
Description	Error Description	String. Alpha Numeric.
AdditionalInformation	Additional error information	String. Alpha Numeric.
ComplexType ArrayOfInformationalMessage	Used by: ArrayOfInformationalMessage, ResponseInformation/InformationalMessages	
InformationalMessage	An array of Informational Messages as part of a response to a service request.	Array of Strings

APPENDIX B – Allowed Code List**Province/State**

Province/ State Code	Description	Province/ State Code	Description
AB	Alberta	NL	Newfoundland
AK	Alaska	NM	New Mexico
AL	Alabama	NS	Nova Scotia
AR	Arkansas	NT	Northwest Territories
AZ	Arizona	NU	Nunavut
BC	British Columbia	NV	Nevada
CA	California	NY	New York
CO	Colorado	OH	Ohio
CT	Connecticut	OK	Oaklahoma
DC	District of Columbia	ON	Ontario
DE	Delaware	OR	Oregon
FL	Florida	PA	Pennsylvania
GA	Georgia	PE	Prince Edward Island
HI	Hawaii	QC	Quebec
IA	Iowa	RI	Rhode Island
ID	Idaho	SC	South Carolina
IL	Illinois	SD	South Dakota
IN	Indiana	SK	Saskatchewan
KS	Kansas	TN	Tennessee
KY	Kentucky	TX	Texas
LA	Louisiana	UT	Utah
MA	Massachusetts	VA	Virginia
MB	Manitoba	VT	Vermont
MD	Maryland	WA	Washington
ME	Maine	WI	Wisconsin
MI	Michigan	WV	West Virginia
MN	Minnesota	WY	Wyoming
MO	Missouri	YT	Yukon
MS	Mississippi		
MT	Montana		
NB	New Brunswick		
NC	North Carolina		
ND	North Dakota		
NE	Nebraska		
NH	New Hampshire		
NJ	New Jersey		

Street Suffix

A	P
B	Q
C	R
D	S
E	T
F	U
G	V
H	W
I	X
J	Y
K	Z
L	¼
M	½
N	¾
O	

Street Type

Abbey	End	Montée	Village
Acres	Esplanade	Mount	Villas
Allée	Estates	Mountain	Vista
Alley	Expressway	Parade	Voie
Autoroute	Extension	Parc	Walk
avenue	Field	Park	Way
Avenue	Forest	Parkway	Wharf
Bay	Freeway	Passage	Wood
Beach	Front	Path	Wynd
Bend	Gardens	Pathway	
Boulevard	Gate	Pines	
Branch	Glade	Place	
By-pass	Glen	Plateau	
Campus	Green	Plaza	
Cape	Grounds	Point	
Carré	Grove	Pointe	
Carrefour	Harbour	Port	
Centre	Heath	Private	
Cercle	Height	Promenade	
Chase	Heights	Quai	
Chemin	Highlands	Quay	
Circle	Highway	Ramp	
Circuit	Hill	Rang	
Close	Hollow	Ridge	
Common	Île	Rise	
Concession	Impasse	Road	
Corners	Inlet	Route	
Côte	Island	Row	
Cour	Key	Rue	
Cours	Knoll	Ruelle	
Court	Landing	Run	
Cove	Lane	Sentier	
Crest	Limits	Square	
Crescent	Line	Street	
Croissant	Link	Subdivision	
Crossing	Lookout	Terrace	
Cul-de-sac	Loop	Terrasse	
Dale	Mall	Townline	
Dell	Manor	Trail	
Diversion	Maze	Turnabout	
Downs	Meadow	Vale	
Drive	Mews	View	

Country

Country Code	Country Description	Country Code	Country Description	Country Code	Country Description
AD	Andorra	GN	Guinea	OM	Oman
AE	Utd.Arab Emir.	GP	Guadeloupe	OR	Orange
AF	Afghanistan	GQ	Equatorial Guin	PA	Panama
AG	Antigua/Barbuda	GR	Greece	PE	Peru
AI	Anguilla	GS	S. Sandwich Ins	PF	Frenc.Polynesia
AL	Albania	GT	Guatemala	PG	Pap. New Guinea
AM	Armenia	GU	Guam	PH	Philippines
AN	Dutch Antilles	GW	Guinea-Bissau	PK	Pakistan
AO	Angola	GY	Guyana	PL	Poland
AQ	Antarctica	HK	Hong Kong	PM	St.Pier,Miquel.
AR	Argentina	HM	Heard/McDon.Isl	PN	Pitcairn Islnds
AS	Samoa, America	HN	Honduras	PR	Puerto Rico
AT	Austria	HR	Croatia	PS	Palestine
AU	Australia	HU	Hungary	PT	Portugal
AW	Aruba	IC	Canary Islands	PW	Palau
AX	Aland Islands	ID	Indonesia	PY	Paraguay
AZ	Azerbaijan	IE	Ireland	QA	Qatar
BA	Bosnia-Herz.	IL	Israel	RE	Reunion
BB	Barbados	IM	Isle of Man	RO	Romania
BD	Bangladesh	IN	India	RS	Serbia
BE	Belgium	IO	Brit.Ind.Oc.Ter	RU	Russian Fed.
BF	Burkina Faso	IQ	Iraq	RW	Rwanda
BG	Bulgaria	IR	Iran	SA	Saudi Arabia
BH	Bahrain	IS	Iceland	SB	Solomon Islands
BI	Burundi	IT	Italy	SC	Seychelles
BJ	Benin	JE	Jersey	SD	Sudan
BL	Blue	JM	Jamaica	SG	Singapore
BM	Bermuda	JO	Jordan	SH	Saint Helena
BN	Brunei Daruss.	JP	Japan	SI	Slovenia
BO	Bolivia	KE	Kenya	SJ	Svalbard
BR	Brazil	KG	Kyrgyzstan	SK	Slovakia
BS	Bahamas	KH	Cambodia	SL	Sierra Leone
BT	Bhutan	KI	Kiribati	SM	San Marino
BV	Bouvet Islands	KM	Comoros	SN	Senegal
BW	Botswana	KN	St Kitts&Nevis	SO	Somalia
BY	Belarus	KP	North Korea	SR	Suriname
BZ	Belize	KR	South Korea	ST	S.Tome,Principe
CA	Canada	KW	Kuwait	SV	El Salvador
CC	Coconut Islands	KY	Cayman Islands	SY	Syria
CD	Dem. Rep. Congo	KZ	Kazakhstan	SZ	Swaziland
CF	Central African Republic	LA	Laos	TC	Turksh Caicosin
CG	Rep.of Congo	LB	Lebanon	TD	Chad
CH	Switzerland	LC	St. Lucia	TF	French S.Territ
CI	Cote d'Ivoire	LI	Liechtenstein	TG	Togo

Country Code	Country Description	Country Code	Country Description	Country Code	Country Description
CK	Cook Islands	LK	Sri Lanka	TH	Thailand
CL	Chile	LR	Liberia	TJ	Tajikistan
CM	Cameroon	LS	Lesotho	TK	Tokelau Islands
CN	China	LT	Lithuania	TL	Timor Leste
CO	Colombia	LU	Luxembourg	TM	Turkmenistan
CR	Costa Rica	LV	Latvia	TN	Tunisia
CU	Cuba	LY	Libya	TO	Tonga
CV	Cape Verde	MA	Morocco	TP	East Timor
CX	Christmas Islnd	MC	Monaco	TR	Turkey
CY	Cyprus	MD	Moldova	TT	Trinidad,Tobago
CZ	Czech Republic	ME	Montenegro	TV	Tuvalu
DE	Germany	MG	Madagascar	TW	Taiwan
DJ	Djibouti	MH	Marshall Islnds	TZ	Tanzania
DK	Denmark	MK	Macedonia	UA	Ukraine
DM	Dominica	ML	Mali	UG	Uganda
DO	Dominican Rep.	MM	Burma	UM	Minor Outl.Isl.
DZ	Algeria	MN	Mongolia	UN	United Nations
EC	Ecuador	MO	Macau	US	USA
EE	Estonia	MQ	Martinique	UY	Uruguay
EG	Egypt	MR	Mauretania	UZ	Uzbekistan
EH	West Sahara	MS	Montserrat	VA	Vatican City
ER	Eritrea	MT	Malta	VC	St. Vincent
ES	Spain	MU	Mauritius	VE	Venezuela
ET	Ethiopia	MV	Maldives	VG	Brit.Virgin Is.
EU	European Union	MW	Malawi	VI	Amer.Virgin Is.
FI	Finland	MX	Mexico	VN	Vietnam
FJ	Fiji	MY	Malaysia	VU	Vanuatu
FK	Falkland Islnds	MZ	Mozambique	WF	Wallis,Futuna
FM	Micronesia	NA	Namibia	WS	Samoa
FO	Faroe Islands	NC	New Caledonia	XB	Bonaire
FR	France	NE	Niger	XC	Curacao
GA	Gabon	NF	Norfolk Islands	XM	St. Maarten
GB	United Kingdom	NG	Nigeria	XN	Nevis
GD	Grenada	NI	Nicaragua	XS	Somaliland Republic
GE	Georgia	NL	Netherlands	XY	St. Barthelemy
GF	French Guayana	NO	Norway	YE	Yemen
GG	Guernsey	NP	Nepal	YT	Mayotte
GH	Ghana	NR	Nauru	ZA	South Africa
GI	Gibraltar	NT	Nato	ZM	Zambia
GL	Greenland	NU	Niue	ZW	Zimbabwe
GM	Gambia	NZ	New Zealand	ZZ	Dummy Country

Street Direction

E	S
N	SE
NE	SO
NO	SW
NW	W
O	

Pickup Location

BackDoor	MailRoom
Basement	Office
BetweenDoors	OutsideDoor
Counter	PartsDepartment
Desk	Pharmacy
FrontDesk	ProShop
FrontDoor	Receiving
FrontPorch	Reception
Garage	Security
GateHouse	ServiceCounter
Kiosk Lab	Shipping
LoadingDock	SideDoor
Lobby	Switchboard Vault Warehouse
Mailbox	

Supply Request Codes

1030AMStickers	InternationalWaybill
9AMStickers	Manifest
AirStickers	OSNRStickers
BillofLadingRegular	PSSLLabels
COSStickers	PurolatorExpressBox
COSWaybill	PurolletterExpressEnvelope
ExpressChequeCardboardEnvelope	PurolinkLabelopes
ExpressChequesLabelopes	PuopakExpressPack
ExpressChequeWaybills	SamedayWaybill
HeavyWeightSticker	USInternationalLabelopes
HoldforPUSticker	WeekenderSticker