Postal Service Mail.XML Technical Specification

Version 7.5

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Change History

Date	Section #	Description	Version
2/24/2009		Updated guide per changes from IDEAlliance for 6.0B	6.8.0
2/24/2009		Updated the Submitting Party in Section 3.2 to read “Optional – Either CRID or MID is required for Data Distribution or eDOC messages”	6.8.0
2/24/2009		Removed reference to Cast of Characters in Section 3.5	6.8.0
2/24/2009		Updated the prerequisite in Section 4.4. to read “must establish push subscription profiles in the *PostalOne!* system”	6.8.0
3/16/2009		Made changes to the WSDLs for IDEAlliance 6.0C which fixed the IMB pattern Mail.XML error	6.8.1
3/16/2009		Updated the Mail.XML version to Mail.XML 6.0 Errata – C version : page 5. Added additional error messages to the data distribution error codes : page 59	6.8.1
3/16/2009		Added detail descriptions for FullServiceAddressCorrection block for the delivery/notification message business rules. These updates include the list of detail information for elements Move Type, COA Name, Class Notification Type, Deliverability Code Type and Address Type.	6.8.1
3/16/2009		Added detail descriptions for FullServiceNixieDetail blocks for the delivery /notification message business rules. These updates include the list of detail information for elements Action Code, Class Notification Type and Reason Code	6.8.1
3/16/2009		Added detail descriptions for CastofCharactersCancelRequest for the delivery/notification message business rules. These updates include fields that can be used to cancel all or some of the original Cast of Characters records. These fields include OriginalSenderMsgID, SubmittingParty, MailPieceGroup, Participant, and Role element.	6.8.1
3/16/2009		Added detail descriptions for CastofCharactersCancelResponse & CastOfCharactersUpdateResponse for the delivery/notification message business rules. These updates include information that will be provided during the Accept or Reject of a Cancel/Update Request Message	6.8.1
3/16/2009		Added detail descriptions for CastofCharactersUpdateRequest for the delivery/notification message business rules. These updates include fields that should be used to send the Update Request message. These fields include OriginalSenderMsgID, Submitting Party, Submitting Software, MailPieceGroup, Participant, Role, and Effective Date information.	6.8.1
3/16/2009		Added new error codes/return values for Cast of Characters Response messages. These new error codes are 6000, 6014, 6015, 6016, 6017.	6.8.1
3/16/2009		Clarified that job information elements Customer Group ID and Mailing Group ID pertain to both Mail.XML & Postal Wizard for Start-the-Clock and Address Correction messages.	6.8.1
3/30/2009		Made changes to the WSDLs for IDEAlliance 6.0D, fixing the IMB pattern error in the IntelligentMailBarcodeType Complex Type, increasing the size of MailXMLappts to 10 bytes from 9 bytes to accommodate the appointment number, and changing the LastName in the COAName Complex Type field length to 50 bytes	6.8.2

		to allow sending of business name in the Last Name field as a workaround until a business name field is added. Also, added more detail on ACS reference codes to help with the development process.	
3/30/2009		Updated section 2.10 to add reference to the *PostalOne!* system generating responses to ApptResponseRetrievalRequest (ARRR) for Mail.XML 4.0 requests and MessageResponseRetrievalRequest (MRRR) for Mail.XML 6.0 requests.	6.8.2
4/2/2009		Added change history log	6.8.3
4/9/2009	All	Changed all references of '*PostalOne!* Mail.XML Technical Guide' to '*PostalOne!* Mail.XML Technical Specification'	6.8.4
4/9/2009	1.2	Defined all three USPS supported environments i.e. CAT, TEM, and Production	6.8.4
4/9/2009	2.12, 3.8	Added the URL for accessing the WSDL Web Service in the CAT and TEM environment	6.8.4
4/9/2009	2.12, 3.8	Added the URL for accessing the WSDL Web Service in the production environment	6.8.4
4/9/2009	4.10	Added clarification on: "How the ACS COA and ACS Nixie data is aggregated?"	6.8.4
4/9/2009	4.10	Under the ACS COA Query Response section; corrected the message reference from 'FullServiceContainerVisibilityQuery Response' to 'FullServiceAddressCorrectionQueryResponse'	6.8.4
4/9/2009	4.10	Under the ACS Nixie Query Request section; corrected the spelling of the ACS Nixie message from 'FullServiceNixieDetaiQueryRequest' to 'FullServiceNixieDetailQueryRequest'	6.8.4
4/9/2009	All	Changed the terminology of ACS COA and ACS Nixie to 'Full Service ACS and Full Service Nixie' with a trademark	6.8.4
4/16/2009	2.3	Added new section 2.3 in the document with heading 'Exception Handling from Mail.dat to Mail.XML	6.8.4
4/16/2009	2.3	Added exception for 'First Class CSA Pallet'	6.8.4
4/16/2009	N/A	Updated the Change History table to correct the section numbers because of new section 2.3 that is added in this document	6.8.4
4/17/2009	1.0	Changed the name of the section from 'PostalOne! Mail XML Technical Specification' to 'Postal Service Mail XML Technical Specification'	6.8.4
4/17/2009	All	Changed the name of the document from 'PostalOne! Mail XML Technical Specification' to 'Postal Service Mail XML Technical Specification'	6.8.4
4/17/2009	Header	Changed the name of the header from 'PostalOne! Mail XML Technical Specification' to 'Postal Service Mail XML Technical Specification'	6.8.4
4/20/2009	2.5	Added clarification on Mailer ID field in the DeliveryApptCreateRequest message	6.8.4
4/20/2009	2.7	Modified the definition/description of the following FAST return codes that will be supported in Mail.XML 6.0 • Code 3123 • Code 3125	6.8.4
4/20/2009	2.7	Added the following new FAST return code and definition/description that will be supported in Mail.XML 6.0: • Code 3130	6.8.4

		• Code 3131 • Code 3132 • Code 3133 • Code 3134	
4/20/2009	2.8	Modified the definition/description of the following FAST CIN Warning codes that will be supported in Mail.XML 6.0: Code 4026	6.8.4
4/20/2009	2.8	Added the following new FAST CIN Warning Code with definition/description that will be supported in Mail.XML 6.0: Code 4027	6.8.4
5/22/2009	3.0 – All	Added eDoc messages that will be supported in November 2009 by USPS as Web Services just in time/near real time communication method	7.0
5/22/2009	4.0 - All	Added Verification Report messages that will be supported in November 2009 as an extensipon to the data distribution Web Services implementation	7.0
5/26/2009	5.0	Added new section 'USPS ID Management Messages' to describe the CRID and MID messages request and response in detail	7.0
5/27/2009	All	Updated errata column with more items identified, added an updated Errata list in the appendix	7.2
5/29/2009	All	Updated errata and Cr items, removed some and clarified others	7.3
5/29/2009	4.0 – All	Added data structure for all Data Distribution messages	7.4
6/9/2009	All	Confirm all Errata's are properly traced to data structure	7.4
6/9/2009	4.0 – All	Added the return/error codes for all data datribution quality verification report messages	7.4
6/11/2009	Appendix A	Added the new WSDL	7.4
6/23/2009	All	Updated the Errata association with messages data structure based on the IDEAlliance approval	7.5
6/24/2009	4.0 – All	Added data structure for all data quality verification reports	7.5
6/25/2009	Review/edits - eDoc	Edits to many sections	7.5
6/26/2009	Edits	Edits to one block (container) based upon discussion with IDEAllaince on 6/26/09	7.5

1.0 Postal Service Mail.XML Technical Specification

1.1 What is Mail.XML?

Mail.XML™ is an XML-based IDEAlliance® (www.mailxml.org) specification for web services supporting the (SOA) Services Oriented Architecture that is conversational in nature and platform independent. Web Services uses simple HTTP(s) protocol to communicate data over the Internet, hence bypassing technology-specific restrictions and avoiding network-related security rules. Sound implementations of web services are safe, secure, platform-independent, support near real time communication, and increase efficiency of conducting business in most business environments.

More importantly, the Mail.XML allows business function-specific communication and faster change management processes with no impact to other service providers/mailing environments within the mailing industry(you can add optional fields or new messages without requiring every software in the mailing supply chain to change), which has been a core improvement area for the Mail.dat® specification. Mail.XML is a complement to Mail.dat, where people using Mail.dat can continue to use it as a database, but will use Mail.XML for communication, automation of business to business processing, and getting answers in near real time from their business partners including the USPS.

The Mail.XML 7.0functionality, when implemented in November 2009, will have three major business functions: eDoc messages, data distribution messages, and FAST scheduling messages. These Mail.XML-based business functions will surpass any functionality available today through any data interface with the USPS®. The IDEAlliance Mail.XML version 7.0 specification is composed of families of related messages that provide all the capability that Mail.dat specification provided, as well as business function support that Mail.dat did not provide. Business functions supported include appointment scheduling management, Cast of Characters communication, reception of full-service feedback data from the USPS, bi-directional data communication to conduct business with the USPS, and the ability to request data on Customer/Supplier Agreement (CSA), Customer Registration ID (CRID), and Mailer ID (MID). The specification also provides allows the mailing industry to conduct many business functions through near real time communication mechanisms specifically to support joint scheduling and transportation management communications.

All business functions supported by the USPS as part of the Mail.XML implementation are based upon SOA (Services Oriented Architecture) near real time architecture where mailer's software manages the data transactions for query, create, update, and cancel business functions as well as subscription model and mailers software is able to receive synchronous and asynchronous transactions through Web Services protocol from the USPS in support of the just-in-time communication architecture.

Mail.XML 7.0

Mail.XML version 7.0 enhances efficiency and ease of transmission for small and large data volume communications. An attribute has been added to all large data messages that allows all large data volume messages to be broken up in as many unique child transactions as the USPS and the industry believes will be easily and efficiently supported by the existing network infrastructure. In other words, a 10 MB file can be broken up in ten 1MB transactions or twenty 500KB in size transactions. The Mail.XML allows for verification and comprehensive validation of the data, right away with a "feet ahead" concept, in near real time with server side data validation that is quick and can be done against existing business data transactions.

When the USPS receives data from you through the SOAP protocol, USPS can respond in near real time to let your software know the status of the transaction and status of the data received from you. Your software can also let the USPS know, right away, if the data sent by the USPS to your software interface had problems, the data was bad or incomplete or did not belong to you, etc. The bi-

directional communication allows for automatic conflict resolution triggering that can result in immediate action by the USPS or you.

The IDEAlliance Mail.XML version 7.0 specification, currently scheduled for implementation by the USPS in November, 2009, will support full-service electronic documentation functionality. This includes piece detail or range information, nesting of pieces into handling units and handling units into containers, postage payments, qualification reports, and electronic documentation management through transactional communication. The Mail.XML version 7.0 is used to provide data feedback for Full-service, such as StartTheClock, Container Scans, Address Change Service (ACS™) Change of Address (COA), and ACS™ Nixie data, as well as verification errors such as issues with forms e8125 or e8017, By/For information mismatches, barcode data mismathces, appointment non-compliance etc.

Previous versions of Mail.XML already provide the support for the appointment scheduling business processes with the *PostalOne!*® and FAST systems. The USPS currently supports Mail.XML 2.0, Mail.XML 4.0, and Mail.XML 6.0 specifications in Production and supports two Mail.XML versions at a time after every new Mail.XML version release in production after a thirty day time period.

This document focuses solely on the *PostalOne!* system's November 2009 implementation and further updates to this specification will be made for every phase of the Mail.XML implementation by the USPS.

Mail.XML 7.0 version is scheduled for publication in July 2009, see IDEAlliance publication schedule at the IDEAlliance forums website. So, please check for Mail.XML 7.0 version or errata versions on the www.mailxml.org site periodically and look for DMM weekly updates to learn about any changes in the *Postal Service Mail.XML Technical Specification*.

1.2 Purpose

The purpose of this Technical Specification is to supplement the IDEAlliance Mail.XML (previously known as IDEAlliance Mail.dat Transportation Management (TM) Specification) and to provide Mail.XML users with specific information regarding the USPS implementation. USPS will support Mail.XML: 6.0 and 7.0 as part of the Full-Service program in a phased approach with the first phase scheduled for the May 2009 release. This document serves as the collection of all specific rules, standards, accepted values, error messages, etc. regarding the USPS implementation of the Mail.XML specification. The content will be updated as IDEAlliance introduces or upgrades Mail.XML Specification. The USPS will make the return codes, error codes and their descriptions, as well the WSDLs for future phases of Mail.XML implementation available to the industry on the dates documented in the *External TimeLine for IM implementation* document made available to the MTAC 122 work group. So, check for an update to this specification at that time.

After May 18th, 2009 – the following environments will be available to the customers:

CAT (Customer Acceptance Environment): This environment is dedicated for USPS internal testing of software, primarily new software functionality and software corrections. Depending on the need and circumstances customers may be requested to assist the USPS in testing new or corrected software.USPS will advise customers should such assiatnce is required by the USPS. This environment will not be available for software approval processes to every customer, once the TEM environment is ready with Mail.XML capabilities.

TEM (Testing Environment): This environment is used for software approval processes for all mailers prior to moving into the production environment. Mailers must work with the help desk to start the approval process for their software, and must be approved in the TEM environment, prior to sending data transactions in the Production environment. *USPS is working on making the TEM environment ready with Mail.XML basic testing capabilities and will share the date when TEM is ready with Mail.XML*

Production Environment: This environment will be used by all customers that have been approved in the TEM environment by the USPS to start sending the transaction/messages.

This specification is divided into four sections:

- Section 1.0 provides an overview of what Mail.XML is and the purpose of this specification.
- Section 2.0 provides technical information with regard to the Mail.XML version 6.0D messages that support the *PostalOne!* - FAST Web Services interface and can largely be grouped as scheduling-related messages. The *PostalOne!* system and FAST will continue to support two versions of the Mail.XML specifications; namely Mail.XML 4.0 and Mail.XML version 6.0 with the implementation of the Full-Service program in May and will support two latest versions in November 2009, namely Mail.XMl 4.0 and Mail.XMl 6.0D.
- Section 3.0 discusses Phase I and Phase II of Mail.XML eDoc messages that are implemented in May 2009 (Phase I), as well as the eDoc messages to be supported in November 2009 (Phase II).
- Section 4.0 discusses the data distribution and data feedback push and pull models to receive StartTheClock, Container Visibility, ACS™ COA, ACS™ Nixie Detail data, and data quality verification messages for Full Service.

Later sections provide WSDLs and XSDs that are specific to the USPS. The later sedftions for the WSDL and XSDs will be updated soon; so will the error codes and descriptions.

This specification will be updated as additional information is communicated by IDEAlliance or by the USPS IT with the release of the error codes, error descriptions, updated WSDL files or any Mail.XML 7.0 or errata versions.

2.0 *PostalOne!* – FAST Mail.XML Web Services

2.1 Overview

The USPS requires appointment scheduling for drop shipped mail at USPS facilities for better resource planning and service performance. The USPS FAST (Facilities Access and Shipment Tracking) system is the business process engine that provides mailers the capabilities to schedule appointments.

No software updates are made to FAST in November 2009, hence the supported versions for the FAST system will remain to be Mail.XML 4.0 and Mail.XML 6.0D in November 2009.

2.2 Access to *PostalOne!* - FAST Web Services

There are two methods to create, update, and cancel appointments and receive Closeout data within the FAST system. For both processes, a mail owner or mailing agent must request a user account via the *PostalOne! system*, which performs authentication and authorization services for FAST and *PostalOne!* systems. The two methods constitute:

1. Going online to http://fast.usps.com, logging in with your username and password and choosing FAST functional GUIs to request an appointment at a facility at a certain date and time. This process is manual process requiring manual data entry. This online FAST process does not require the customer to provide content (container) detail information, such as IM Container barcode, weight, pieces, and many other characteristics due to the manual nature of the process.

2. Utilizing the IDEAlliance Mail.XML (formerly "TM") Specification and *PostalOne!*/FAST Web Services, where the *PostalOne!* system works as the data exchange gateway for the appointment transactions and passes the appointment and container detail information, including IM Container barcode, class, shape, piece count, weight, zone skipping, mail owner information and many other content characteristics to the FAST system and all messages to and from the customer pass through the *PostalOne!* system. The *PostalOne!* system can also be leveraged in this usage scenario to pull existing content (container detail) information from a previously provided Mail.dat job sent by a customer or business partner of a customer. The customer can either send all the content details directly to FAST through the *PostalOne!*/FAST Web Services mechanism or can request the *PostalOne!* system to query and provide all or part of the content details to FAST through the *PostalOne!* FAST Web Services mechanism.

The Full-Service program requires customers to use the IDEAlliance Mail.XML messages and *PostalOne!*/FAST Web Services to create and/or update appointments within the FAST system for one-time appointments. One-time appointments created through the online FAST application **must be updated electronically** through Mail.XML with the Intelligent Mail Container Barcode (IMCB) to receive Full-Service discounts. Mail.XML 6.0 can be used to create or update one time, recurring, drop shipment and origin entry appointments.

2.3 Exception Handling from Mail.dat to Mail.XML v6.0D

Following is the list of exceptions from the Mail.dat to Mail.XML v6.0D implementations:

First-Class CSA Pallets

The Mail.XML v6.0D specification is missing the new container levels added to the Mail.dat 09-1 specification to support First-Class CSA Palletization (values AK, AL, AM, AN, AO, AP, AQ).In two

scenarios, a Scheduler makes an appointment through Mail.XML with the *PostalOne!* and FAST systems, and a third scenario describes recurring appointment specific content updates through Mail.dat. The description and exception of each of these scenarios are:

SCENARIO # 1

The Scheduler sends **'ALL'** of the detail information on content (i.e. container barcodes, class, shape, sort levels etc.) to FAST through the *PostalOne!* system by filling the USPSSummary block for its containers through Mail.XML. This does not require the *PostalOne!* system to add any data to customer's XML message.

Exception

With option # 1; when making appointments through Mail.XML v6.0D web services for First-Class CSA pallets, the scheduler must populate a value of 'W' in the PalletPresortType block available in the "USPSSummary -> Pallets ->PalletUnitType XML block. This specific solution is a workaround only for First-Class CSA pallets until the IDEAlliance fixes the specification and the USPS implements that fix in a later *PostalOne!*/FAST release.

SCENARIO # 2

The Scheduler sends just the **'KEY'** information on its containers to the *PostalOne!* system, when creating or updating appointments. In this case, the Scheduler is requesting the *PostalOne!* system to query the *PostalOne!* Mail.dat database and pull all the relevant information on content (i.e. container barcodes, class, shape, sort levels etc), fill the USPSSummary block on behalf of the scheduler, and send the information to the FAST system.

Exception

With option 2 above, when making appointments through Mail.XML v6.0D web services for First-Class CSA pallets, the *PostalOne!* system will populate 'W' in the PalletPresortType block, which is part of the USPSSummary -> Pallets ->PalletUnitType block, to FAST when it finds any CSM sort levels that do not exist in the current version of the Mail.XML. Currently, the missing codes are values AK, AL, AM, AN, AO, AP, and AQ. This specific solution is a workaround only for First-Class Mail pallets until the IDEAlliance fixes the specification and the USPS implements that fix in a later *PostalOne!*/FAST release.

SCENARIO # 3

For recurring appointments, the schedulers update the Mail.dat with the recurring appointments and the *PostalOne!* system queries the *PostalOne!* Mail.dat database and pulls all the relevant information on content (i.e. container barcodes, class, shape, sort levels etc), fills the USPSSummary block, and sends to the FAST system.

Exception

With option 3 above, when the scheduler is updating content for recurring appointments through Mail.dat 09-1 updates, the *PostalOne!* system will populate 'W' in the Pallets block, which is part of the USPSSummary block, to FAST when it finds any CSM sort levels that do not exist in the current version of the Mail.XML. Currently, the missing codes are values AK, AL, AM, AN, AO, AP, and AQ. This specific solution is a workaround only for First-Class Mail pallets until the IDEAlliance fixes the specification and the USPS implements that fix in a later *PostalOne!*/FAST release

2.4 *PostalOne!* - FAST Mail.XML Web Services Supported Messages

The *PostalOne!* - FAST Mail.XML Web Services interface will continue to support two versions of the Mail.XML Specifications at a given time. *PostalOne!* - FAST Mail.XML Web Services will support

Mail.XML v4.0 specifications and Mail.XML version 6.0 specifications with the release of Full-Service.

The sections below provide information about the subset of Mail.XML messages that will be supported by both the *PostalOne!* system and FAST in Mail.XML 4.0 and subsequently by Mail.XML 6.0.

Mail.XML 4.0 Specifications

Mail.XML 4.0 Messages Supported by the *PostalOne!* system and FAST – Already in Production as of November 16, 2008

The *PostalOne!* - FAST Mail.XML Web Services will support the following groups of messages in Mail.XML 4.0:

Delivery Appointment Messages

This family of Mail.XML transportation related messages supports scenarios where a Shipper requests a Delivery Appointment from the Consignee. The Consignee may respond a number of ways, all of which are supported by messages in this message family. Delivery appointment messages will:

- Provide the ability to create, update, and cancel drop ship appointments
- Provide the ability to create, update, and cancel First-Class Mail® DMU customer-transported appointments
- Provided the ability to query the availability of slots for drop ship appointments
- Provide the ability to query the availability of slots (based on hours of operation) for First-Class DMU/BMEU customer-transported appointments
- Provide the ability to distinguish eVS parcels and submit the associated eFile Number for which they were manifested
- Provide the ability to support new container types and handling units
- Provide the ability to support sibling containers
- Provide the ability to associate stand-alone contents to a one-time appointment
- Grant the ability to provide the Intelligent Mail Container Barcodes (IMCB) associated with the appointment

Delivery Appointment Messages

DeliveryApptCreateRequest / DeliveryApptCreateResponse

DeliveryApptUpdateRequest / DeliveryApptUpdateResponse

DeliveryApptCancelRequest / DeliveryApptCancelResponse

DeliveryApptQueryRequest / DeliveryApptQueryResponse

Delivery Content Messages

This family of Mail.XML transportation related messages supports scenarios where the *PostalOne!* system sends content information to FAST without sending any appointment-level information. The Consignee may respond a number of ways, all of which are supported by messages in this message family. These sets of messages apply for the scheduling of drop ship appointments only.

Delivery Content messages provide the:

- Ability to create, update, and cancel stand-alone content
- Ability to create, update, and cancel contents for one-time and recurring appointments
- Ability to distinguish eVS parcels and submit the associated eFile Number for which they were manifested
- Support new container types and handling units
- Support sibling containers
- Ability for schedulers to query for content created by other mail owners/mail preparers
- Ability to provide the Intelligent Mail Container Barcodes (IMCB) associated to the appointment

Delivery Content Messages

DeliveryContentCreateRequest / DeliveryContentCreateResponse

DeliveryContentUpdateRequest / DeliveryContentUpdateResponse

DeliveryContentCancelRequest / DeliveryContentCancelResponse

DeliveryContentQueryRequest / DeliveryContentQueryResponse

Appointment Shell Messages

This family of Mail.XML transportation related messages enables mailers to create appointment shells (appointments with no associated content). Mail owners and mail preparers can use the Delivery Content Messages to create and associate content to appointment shells. This family of messages allows for joint scheduling between schedulers and mail owners and mail preparers. Appointment shell messages will provide the:

- Ability to create, update, and cancel recurring appointment shells
- Ability to create, update, and cancel one-time appointment shells
- Ability to update the logistics information of an appointment by utilizing the appointment shell update message

Appointment Shell Messages

DeliveryApptShellRequest / DeliveryApptShellResponse

DeliveryApptShellUpdateRequest / DeliveryApptShellUpdateResponse

DeliveryApptShellCancelRequest / DeliveryApptShellCancelResponse

Recurring Appointment Query Messages

This family of Mail.XML transportation related messages allows mailers to query for active and pending recurring appointments. Recurring Appointment query messages will provide the:

- Ability to query for active and pending drop ship recurring appointments
- Ability to query for active First-Class DMU/BMEU verified customer transported appointments

Recurring Appointment Query Messages

RecurringApptQueryRequest / RecurringApptQueryResponse

Appointment Closeout Messages

This series of messages is pushed from the Consignee to the Shipper when an appointment is closed. Closeout Messages will provide the:

- Ability to send closeout information for First-Class DMU/BMEU verified customer-transported appointments
- Ability to send closeout information for drop ship appointments
- Ability to communicate closeout irregularities
- Ability to communicate arrival date/time, unload start date/time, unload end date/time, and actual pallet counts
- Ability to indicate if IMCB Pallet Placard scan occurred
- Ability to communicate if a drop ship appointment will be excluded from rating

Appointment Closeout Messages

AllDeliveryAppointmentCloseoutRequest

ConsigneeGoodsReceipt

UnscheduledConsigneeGoodsReceipt

Mail.XML 6.0 Specifications (Full-Service Release 1 FAST Messages)

The following major enhancements will be incorporated in FAST with IDEAlliance Mail.XML 6.0:

- Provide the ability to create, update, and cancel Standard Mail®, Periodicals, and Package Services class-based appointments for customer-transported origin entry appointments
- Provide the capability to create, update, and cancel recurring appointments for customer transported origin entry appointments (First-Class Mail, Standard Mail, Periodicals, and Package Services).
- Provide the capability to create, update, cancel recurring appointments for drop ship appointments
- Provide the capability to query recurring appointments for drop shipments and origin entry appointments for a scheduler or for the entire corporation
- Provide the capability to associate more than 1 sibling container with barcode to a parent container barcode.
- Leverage the Delivery Appointment Cancel Create message to move containers from one appointment to another when the original appointment was a “No Show”.
- Leverage the DeliveryContent messages to add, update, or cancel a container to an appointment.
- Leverage the Delivery Content Cancel message to release containers from a “No Show” appointment when the appointment status is “No Show” or the time of update is within 1 hour of appointment date/time.
- Provide closeout information for customer-transported origin entry and drop ship appointments.
- Leverage the Partner Appointment Query message to query appointment and content information on behalf of partner mailers for one-time appointments of origin entry and drop ship appointments
- Leverage the Customer / Supplier Agreements (CSAs) Query message to query CSAs

- Provide the capability to perform joint scheduling between two partners, one creating the appointment and the other associating content to it. This only applies to drop ship appointments scheduling only.

Messages Supported by the *PostalOne!* system and FAST in Mail.XML 6.0 – Full-Service Release 1

DeliveryApptCreateRequest *	DeliveryApptCreateResponse
DeliveryApptUpdateRequest *	DeliveryApptUpdateResponse
DeliveryApptCancelRequest *	DeliveryApptCancelResponse
DeliveryApptQueryRequest *	DeliveryApptQueryResponse
DeliveryContentCreateRequest	DeliveryContentCreateResponse
DeliveryContentUpdateRequest	DeliveryContentUpdateResponse
DeliveryContentCancelRequest	DeliveryContentCancelResponse
DeliveryContentQueryRequest	DeliveryContentQueryResponse
PartnerApptQueryRequest	PartnerApptQueryResponse
CustomerSupplierAgreementQueryRequest	CustomerSupplierAgreementQueryResponse
AllDeliveryAppointmentCloseoutRequest	AllAppointmentCloseoutResponse
DeliveryApptShellCreateRequest	DeliveryApptShellCreateResponse
DeliveryApptShellUpdateRequest	DeliveryApptShellUpdateResponse
DeliveryApptShellCancelRequest	DeliveryApptShellCancelResponse
ConsigneeGoodsReceipt	UnscheduledConsigneeGoodsReceipt
RecurringApptQueryRequest	RecurringApptQueryResponse
DeliveryAppointmentCancelCreateRequest	DeliveryAppointmentCancelCreateResponse

Delivery Appointment Messages

This family of Mail.XML transportation related messages supports scenarios where a Shipper requests a Delivery Appointment from the Consignee. The Consignee may respond in number of ways, all of which are supported by messages from this message family. Delivery appointment messages will:

- Provide the ability to create, update, and cancel customer transported origin entry appointments (First-Class Mail, Standard Mail, Periodicals, and Package Services)
- Provide the ability to create, update, and cancel customer transported origin entry recurring appointments (First-Class Mail, Standard Mail, Periodicals, and Package Services)
- Provide the ability to create, update, and cancel drop ship appointments
- Provide the ability to create, update, and cancel drop ship recurring appointments
- Provide the ability to query the availability of slots (based on hours of operation) for origin entry customer transported appointments
- Provide the ability to query for a list of available slots for drop ship appointments (based on appointment type, date range, and corporate rating of customer) for a facility
- Provide the ability to distinguish eVS parcels and submit the associated eFile Number for which they were manifested
- Provide the ability to support for new container types and handling units
- Provide the ability to support more than one sibling barcode
- Provide the ability to associate stand-alone contents to a one-time appointment

- Ability to provide the Intelligent Mail Container Barcodes(IMCB) associated to the appointment
- Provide the ability to cancel one or more appointments and create a new appointment using the delivery appointment cancel create message.
- Provide the ability to transfer container barcodes from one or more open or No Show appointments to a newly created appointment using the delivery appointment cancel create message.

Delivery Appointment Messages

DeliveryApptCreateRequest / DeliveryApptCreateResponse

DeliveryApptUpdateRequest / DeliveryApptUpdateResponse

DeliveryApptCancelRequest / DeliveryApptCancelResponse

DeliveryApptQueryRequest / DeliveryApptQueryResponse

DeliveryApptCancelCreateRequest / DeliveryApptCancelCreateResponse

Delivery Content Messages

This family of Mail.XML transportation related messages supports scenarios where the *PostalOne!* system sends content information to FAST without sending any appointment level information. The Consignee may respond a number of ways, all of which are supported by messages from this message family. These sets of messages apply for scheduling of drop ship appointments only.

Delivery Content messages provide the:

- Ability to create, update, and cancel stand-alone content that can be used by a business partner with a DeliveryAppointmentCreate or update Request
- Ability to create, update, and cancel contents for one-time and recurring appointments (drop ship only)
- Ability to distinguish eVS parcels and submit the associated eFile Number for which they were manifested
- Support for new container types and handling units
- Support for sibling containers
- Ability for schedulers to query for content created by other mail owners/mail preparers
- Ability to provide the Intelligent Mail Container Barcodes(IMCB) associated to the appointment
- Ability to add, update, or cancel a container to an appointment by a Scheduler

Delivery Content Messages

DeliveryContentCreateRequest / DeliveryContentCreateResponse

DeliveryContentUpdateRequest / DeliveryContentUpdateResponse

DeliveryContentCancelRequest / DeliveryContentCancelResponse

DeliveryContentQueryRequest / DeliveryContentQueryResponse

Appointment Shell Messages

This family of Mail.XML transportation related messages enables mailers to create appointment shells (appointments with no associated content). Mail owners and mail preparers can use the

Delivery Content Messages to create and associate content to appointment shells. This family of messages allows for joint scheduling between schedulers and mail owners and mail preparers for drop ship scenarios. Appointment Shell messages will provide the:

- Ability to create, update, and cancel recurring appointment shells
- Ability to create, update, and cancel one-time appointments shells
- Ability to update the logistics information of an appointment by utilizing the appointment shell update message
- Ability to leverage the Appointment Shell Update message to update logistics information (one-time and recurring) of an appointment when no content updates are necessary

Appointment Shell Messages

DeliveryApptShellCreateRequest / DeliveryApptShellCreateResponse

DeliveryApptShellUpdateRequest / DeliveryApptShellUpdateResponse

DeliveryApptShellCancelRequest / DeliveryApptShellCancelResponse

Recurring Appointment Query Messages

This family of Mail.XML transportation related messages allows mailers to query for active and pending recurring appointments. Recurring Appointment query messages will provide the:

- Ability to query for active and pending drop ship recurring appointments
- Ability to query for active origin entry DMU/BMEU verified customer transported appointments

Recurring Appointment Query Messages

RecurringApptQueryRequest / RecurringApptQueryResponse

Appointment Closeout Messages

This series of messages is pushed from the Consignee to the Shipper closeout an appointment. Closeout Messages will provide the:

- Ability to send closeout information for origin entry DMU/BMEU verified customer transported appointments
- Ability to send closeout information for drop ship appointments
- Ability to communicate closeout irregularities
- Ability to communicate arrival date/time, unload start date/time, unload end date/time, and actual pallet counts
- Ability to indicate if IMCB Pallet Placard scan occurred
- Ability to communicate if a drop ship appointment will be excluded from rating

Appointment Closeout Messages

AllDeliveryAppointmentCloseoutRequest

AllAppointmentCloseoutResponse

ConsigneeGoodsReceipt

UnscheduledConsigneeGoodsReceipt

Partner Appointment Query Messages

This family of Mail.XML transportation related messages allows mailers to query appointment and content information on behalf of partner mailers for drop ship one-time appointments:

- Partner Appointment Query Request
- Partner Appointment Query Response

Partner Appointment Query Messages

PartnerApptQueryRequest

PartnerApptQueryResponse

Customer Supplier Agreement Messages

This will allow mailers using Mail.XML to query customer supplier agreements via Web Services when a CRID or CSA ID is provided. For valid requests, FAST will provide the appropriate CSA data, else an error would be generated. This request could result in one or more CSA responses. These messages include:

- Customer Supplier Agreement Query Request
- Customer Supplier Agreement Query Response

CSA Messages

CustomerSupplierAgreementQueryRequest

CustomerSupplierAgreementQueryResponse

NOTE: Errata # 128 is add 'PackageServicesSubClass' element in 'CSADispatchType' complex block and removing the 'RateTYpe' element from the header. (This change will only impact customers when FAST implements the next version of Mail.XML which may be a post 7.0 version past November 2009.)

2.5 Additional Rules/Constraints

The following section outlines the specific rules and constraints for USPS implementation. For additional details regarding the calculations used for Appointment Rating, online supported functionality vs. Web Services supported functionality, etc., please refer to the *FAST User Guide*.

- A mailer must submit an appointment using the facility's local time (taking time zone and daylight savings into consideration) and FAST will respond using the same logic.
- The following outlines the list of possible values for Appointment Types, Mail Classes, Processing Categories, Presort Levels, and Rate Types for the Delivery Appointment Query Request, Delivery Appointment Create Request and Delivery Appointment Update Request. Also included in the Presort list is a breakdown of whether the content tied to that Presort will be treated as Working or Cross Dock for volume availability calculations.

Appointment Type (apptTypeType)		
Code	**Description**	**Supported?**
1	Pallet	Yes
2	DropAndPick	Yes
3	Speedline	Yes
4	Bedload	Yes

Mail Class (mailClassType)

Code	Description	Supported?
1	First-Class Mail	Yes
2	Periodicals	Yes
3	Standard Mail	Yes
4	Packaged Services	Yes
6	Standard/Periodicals Co-Mailings	Yes*

*** NOTE**: Standard Mail/Periodicals Co-Mailings content will be processed by FAST as Standard Mail content. Currently, the *PostalOne!* system does not support Co-Mailing Class "6" due to postage implications. As a result, the *PostalOne!* system will not populate Mail Class "6" from Mail.dat files into the Mail.XML specification because files with that mail class fail validation.

Processing Category (processingCategoryType)		
Code	**Description**	**Supported?**
LT	Letter	Yes
FL	Flat	Yes
CD	Card	Yes*
PF	Parcel, First-Class Mail	Yes
MP	Machineable Parcel	Yes
IR	Irregular Parcel	Yes
OS	Outside Parcel	Yes
CM	Custom Mail	No
NA	Not Flat-Machinable < 6oz	Yes
NB	Not Flat-Machinable >= 6oz	Yes
NP	Non Machinable Parcels	Yes

NOTE: Processing Category of "CD" ("Card") is translated to "LT" ("Letter") for volume availability.

PreSort Types (containerLevelType)			
Code	**Description**	**Supported?**	**Type**
A	CR-Direct	Yes	Cross Dock
B	Mixed CR in 5 Digit	Yes	Cross Dock
C	Mixed CR in 3 Digit	Yes	Working
D	CR – 5D Scheme	Yes	Cross Dock
E	DPC/3D Scheme	No	N/A
F	RDC/Scheme	No	N/A
G	5 Digit (Auto/Presort)	Yes	Working
H	5 Digit (Merged)	Yes	Working
I	5 Digit (Presort Only)	Yes	Working
J	5 Digit (Barcode Only)	Yes	Working
K	Metro Scheme	Yes	Working
L	Mixed RDC	No	N/A
M	5D Scheme (Presort)	Yes	Cross Dock
N	5D Scheme (Auto/Presort)	Yes	Cross Dock
P	5D Scheme (Barcode)	Yes	Cross Dock
Q	5D Scheme (Merged)	Yes	Cross Dock
R	3 Digit (Auto/Presort)	Yes	Working
S	3 Digit (Barcode)	Yes	Working

PreSort Types (containerLevelType)			
Code	**Description**	**Supported?**	**Type**
T	3 Digit (Presort)	Yes	Working
U	3 Digit (CR/Auto/Presort)	Yes	Working
V	3 Digit Scheme	Yes	Working
W	Unique 3 Digit	Yes	Working
X	SCF	Yes	Working
Y	Protected SCF	Yes	Working
Z	ADC	Yes	Working
AA	AADC	Yes	Working
AB	Mixed ADC	Yes	Working
AC	Mixed AADC	Yes	Working
AD	ASF	Yes	Working
AE	BMC	Yes	Working
AF	Protected BMC	Yes	Working
AG	Mixed BMC	Yes	Working
AJ	Single Piece	No	Working
BA	Urban Direct	No	N/A
BB	Rural Direct	No	N/A
BC	Station	No	N/A
BD	City	No	N/A
BE	FSA	No	N/A
BF	DCF	No	N/A
BG	FCP	No	N/A
BH	Province	No	N/A
BI	Residual	No	N/A
BJ	Foreign	No	N/A
BK	Country	No	N/A
BL	Mixed Country	No	N/A
BM	M Bags	No	N/A

Rate Type (rateTypeType)		
Code	**Description**	**Supported?**
B	Bound Printed Matter	Yes
D	Parcel Select	Yes
F	Media	Yes
L	Library	Yes
P	Parcel Post	No**

** Parcel Post is not supported for drop ship appointments but is supported for Origin Entry appointments.

Rate Type is required for all Package Services content.

NOTE: The mailClassType, processingCategoryType, containerLevelType, and RateType fields are all contained in the USPS Summarization block. Each Delivery Appointment Query Request, Delivery Appointment Create Request, Delivery Appointment Update Request, Delivery Content Create Request and Delivery Content Update Request can contain more than

one USPS Summary block. If a single USPS Summary block within these messages contains an unsupported or invalid type for any of these fields, the entire message will be rejected. In addition, a Return Code/Description will be returned for each violation.

- Only the following fields will be populated with new data in the response messages. All other information will simply be populated based on what was originally sent in the request message.

  Delivery Appointment Query Response

  - All available appointment(s) are populated in a one to many Available Appt element in the ApptBlock block. (Mail.XML 4.0)
  - All available appointment(s) are populated in a one to many AvailableHours element in the AvailableSlots block. (Mail.XML 6.0)
  - ReturnInfo block containing Drop Entry Warnings if any have occurred
  - If no Appointment matches are found, the ReturnInfo block containing one to many return code/description combinations is populated.

  Delivery Appointment Create Acceptance Response

  - The ScheduledAppt element in the ApptBlock block is populated.
  - The ConsigneeApptID in the ResponseMsgHeaderInfo block is populated.
  - The ConsigneeMultiStopID in the ResponseMsgHeaderInfo block is populated if the Appointment is tied to a Multistop.
  - ReturnInfo block containing Drop Entry Warnings if any have occurred

  Delivery Appointment Create Rejection Response

  ReturnInfo block containing one to many return code/description combinations is populated.

  Delivery Appointment Update Acceptance Response

  - The ScheduledAppt element in the ApptBlock block is populated.
  - ReturnInfo block containing CIN Warnings if any have occurred

  Delivery Appointment Update Rejection Response

  ReturnInfo block containing one to many return code/description combinations is populated.

  Delivery Appointment Cancel Response

  The CancelConfirmID element is populated if the Appointment was canceled successfully. Otherwise, a ReturnInfo block containing one to many return code/description combinations is populated.

  Delivery Appointment Cancel Create Acceptance Response

  - The ScheduledAppt element in the ApptBlock block is populated.
  - The ConsigneeApptID in the ResponseMsgHeaderInfo block is populated.
  - ReturnInfo block containing Drop Entry Warnings if any have occurred.
  - Delivery Appointment Cancel Create Rejection Response
  - ReturnInfo block containing one to many return code/description combinations is populated.

Delivery Content Accept Response

- The ConsigneeContentID in the ContentUSPSSummaryUpdate block is populated.
- ReturnInfo block containing Drop Entry Warnings if any have occurred.

Delivery Content Reject Response

The ReturnInfo block containing one to many return code/description combinations is populated.

Delivery Content Cancel Response

- A CancelConfirmID is populated if the content is cancelled.
- If the content cannot be cancelled, the ReturnInfo block containing one to many return code/description combinations is populated.

Delivery Appointment Shell Accept Response

- The PreferredAppt element in the ApptBlock block is populated with the actual appointment date/time of the Scheduled appointment.
- The ConsigneeApptID in the ResponseMsgHeaderInfo block is populated.
- 9-digit numeric ID will be returned for one-time appointment
- 5-digit numeric ID followed by the “R” character will be returned for recurring sequences
- The OptionalAppt field is not returned in the response message.

Delivery Appointment Shell Reject Response

ReturnInfo block containing one to many return code/description combinations is populated.

Delivery Appointment Shell Cancel Response

- A CancelConfirmID is populated if the appointment shell is cancelled.
- If the appointment cannot be cancelled, the ReturnInfo block containing one to many return code/description combinations is populated.

Delivery Content Query Response

- A ContentUSPSSummary block for each active content is populated. See Appendix D – Errata # 89. There is change in USPSSummaryBlock; adding FullServiceIndicator element with acceptable values of ‘Yes’ or ‘No’ (This change will only impact customers when FAST implements the next version of Mail.XML which may be a post 7.0 version past November 2009.)
- If no Appointment matches are found, the ReturnInfo block containing one to many return code/description combinations is populated.
- 5-digit Scheduler IDs will be returned in place of full Scheduler IDs for all mail preparers and mail owners. A full Scheduler ID will be returned if the Scheduler ID is the same as the requestor’s Scheduler ID or the creator’s Scheduler ID.

Recurring Appointment Query Response

- A RecurringApptBlk block for each active or pending recurring sequence is populated.
- A USPSSummary block for each active content is populated. See Appendix D – Errata # 89. There is change in USPSSummaryBlock; adding FullServiceIndicator element with acceptable values of ‘Yes’ or ‘No’. (This change will only impact customers when FAST

implements the next version of Mail.XML which may be a post 7.0 version past November 2009.)

- If no Recurring Appointment matches are found, the ReturnInfo block containing one to many return code/description combinations is populated.
- 5-digit Scheduler IDs will be returned in place of full Scheduler IDs for all mail preparers and mail owners. A full Scheduler ID will be returned if the Scheduler ID is the same as the requestor's Scheduler ID or the creator's Scheduler ID

Partner Appointment Query Response

- Scenarios/Permissions
  - **Scheduler** - If the Submitting Party Scheduler ID corresponds to the Scheduler of the appointment, FAST will return all logistics and content information. A partial Scheduler ID (first 5-digits) will be returned for the Scheduler, Mail Owner(s) and Mail Preparers.
  - **Mail Preparer** - If the Submitting Party Scheduler ID corresponds to the Mail Preparer of the appointment or within the Mail Preparer's corporation, FAST will return all logistics information and content information for which they are the Mail Preparer. A partial Scheduler ID (first 5-digits) will be returned for the Mail Preparer, Mail Owner(s) and Scheduler.
  - **Mail Owner** - If the Submitting Party corresponds to the Mail Owner of the appointment or within the Mail Owner's corporation, FAST will return all logistics information and content information for which they are the Mail Owner. A partial Scheduler ID (first 5-digits) will be returned for the Mail Owner, Scheduler and Mail Preparer.
- An ApptBlk block for each appointment is populated.
- A ContentUSPSSummary block for each active content is populated. See Appendix D – Errata # 89. There is change in USPSSummaryBlock; adding FullServiceIndicator element with acceptable values of 'Yes' or 'No'. (This change will only impact customers when FAST implements the next version of Mail.XML which may be a post 7.0 version past November 2009.)
- 5-digit Scheduler IDs will be returned in place of full Scheduler IDs for all mail preparers and mail owners.
- Customer / Supplier Agreement Query Response
- A CSAInfo block for each pending, active or inactive Customer / Supplier Agreement is populated.
- If no Customer / Supplier Agreement matches are found, the ReturnInfo block containing one to many return code/description combinations is populated.
- If Customer Supplier Agreement ID (CSAID) is not provided, FAST will return all CSAs associated to the Owner CRID.
- To leverage the Mail Owner field in the DeliveryApptCreateRequest message, the "Mail Owner Identifier" field of the Component Record in Mail.dat must be populated with the 12 character Scheduler ID of the Mail Owner.

- The IDEAlliance specification allows for an unlimited number of USPS Summary blocks to be supplied in the Detail Information block. However, the maximum number of USPS Summary blocks allowed in any given message is 100.
- The IDEAlliance spec allows a Pallets block within a given USPSSummary block to contain both Presort counts and non Presort counts. For the USPS implementation, all non Presort counts must be added together and summarized into a single Pallets block. For example:

  The IDEAlliance spec allows for the following:

Pallets Block 1: pallet count = 17

Presort 1: 5 digit, Count = 4

Presort 2: 3 digit, Count = 7

The USPS implementation requires the pallets to be broken into two Pallets blocks:

Pallets Block 1: Count = 11

Presort 1: 5 digit, Count = 4

Presort 2: 3 digit, Count = 7

Pallets Block 2: Count = 6; No presort records

NOTE: If the total presort counts do not equal the pallet block count for a pallet block, an error message will be returned.

- The IDEAlliance specification allows actual piece count to be provided for presort and non presort counts. FAST will only use the actual piece count for volume if it is provided for all presorts and non presorts for a given USPSSummary block.

  FAST will use the Actual Piece count for the following USPSSummary block scenario:

  Pallets Block 1: Count = 10

  Presort 1: 5 digit, Count = 5, Actual Piece Count = 100

  Presort 2: 3 digit, Count = 5, Actual Piece Count = 100

  FAST will NOT use the Actual Piece count for the following USPSSummary block scenario:

  Pallets Block 1: Count = 10

  Presort 1: 5 digit, Count = 5, Actual Piece Count = 100

  Presort 2: 3 digit, Count = 5, Actual Piece Count Not Provided

  FAST will NOT use the Actual Piece count for the following USPSSummary block scenario:

  Pallets Block 1: Count = 5, Actual Piece Count = 100

  Pallets Block 2: Count = 5, Actual Piece Count Not Provided

- The IDEAlliance specification allows multiple UniqueContainerBarcode elements to be included in a single USPS Summary block. The USPS implementation will store all UniqueContainerBarcode elements and will validate for uniqueness. Uniqueness is validated based on a 45-day timeframe. UniqueContainerBarcodes associated to an appointment that was scheduled for 45 days in the past or for an appointment that has been cancelled or rejected are considered valid for re-use. If an appointment is no-showed, all associated UniqueContainerBarcodes are valid again after 12 days (288 hours) for drop ship appointments, and after 5 days (120 hours) for Origin Entry appointments.

- The IDEAlliance specification allows multiple SiblingBarcode elements to be included in a single USPS Summary block. The USPS implementation will store all SiblingBarcode elements and will validate for uniqueness. Uniqueness is validated based on a 45-day timeframe.

- The IDEAlliance specification allows for the SiblingBarcode and the UniqueContainerBarcode to be between 1 and 24 characters. FAST requires that the SiblingBarcode and the UniqueContainerBarcode be 21 characters and begin with “99M”.

- The IDEAlliance specification allows multiple OptionalAppt elements to be included in a single Appointment block. The USPS implementation will only use the first OptionalAppt element and others will be ignored. In addition, the OptionalAppt element will only be supported for the Delivery Appointment Query Request message.

- The Facility Number should be populated with the facility Locale Key (characters 2-7 of the drop site key)
- The VerificationZip4 element in the Mail.dat Summarization block is not required in the IDEAlliance specification. However, it is a required element for the USPS implementation when using the Mail.dat Summarization block because the VerificationZip4 element must be provided in order to retrieve the actual Mail.dat data.
- Before any message is sent that requires the *PostalOne!* system to populate information from Mail.dat data, the Shipper must ensure the Mail.dat data that corresponds to the Appointment is up to date in the *PostalOne!* system prior to sending a Web Services request.
- The Perishable element is a required field in the USPSSummary block. It does not exist in the Mail.dat. The *PostalOne!* system will set the Perishable element value to 'No' when the *PostalOne!* system populates an USPSSummary block with Mail.dat data.
- For the Customer Registration Process, the user belonging to a Shipper must identify and verify his/her company's correct corporate headquarters (HQ) location ZIP (e.g., 22202-6761-000). The *PostalOne!* system will generate a 12-byte field for that 9 digit Scheduler Corporate ZIP+4, e.g., 222026761000. The last three digits of a Scheduler Corporate ID will always be 000 (three zeros). This 'SchedulerCorporateID' will be provided by the *PostalOne!* system to all shippers via e-mail and it will be sent to the *PostalOne!* system with every Web Services transaction by the shipper. Each User must also be assigned a 'SchedulerID' by the *PostalOne!* system, which will be used to uniquely identify the scheduler entity. The 'SchedulerID' will be generated in the background and shown to the user on the screen.

  The Scheduler ID will also be e-mailed to the user/Scheduler/Shipper, so Shipper can always ensure the correct 'SchedulerID' is always part of every Web Services message that is sent to USPS for identification purposes. The Scheduler entity can be an internal business role within a Shipper's organization and will be tied to the Shipper's corporate headquarters for FAST to rate the Shipper's corporation. The format of the Scheduler ID will be location ZIP+4 format plus three bytes (201486791001). A unique Scheduler ID will be generated in the ZIP+4 format with appended sequence numbers (always three digits and these three digits will never be three zeros) and communicated to the user via e-mail each time for a given Scheduler entity.

  For example, the *PostalOne!* system will use the following example format to identify Corp HQ and Scheduler Locations:

  - 222021234000 - Corporate HQ (saved without the hyphen). Shipper MUST **not** use a hyphen (-) when sending the SchedulerCorpID to USPS). The first nine digits will be the Corporate HQ ZIP+4 and the last three digits will be sequence numbers and will always be three zeros (000).
  - 222021234100 - SchedulerID or Scheduler Entity ID (business role) at a given Shipper location (saved without the hyphen). Shipper MUST **not** use a hyphen (-) when sending the SchedulerID to USPS. The last three digits will be sequence numbers and will never be three zeros.
- Do not send the same request repeatedly in succession if you did not receive an immediate response. Sending the message repeatedly with the same ShipperApptRequestID for a given SchedulerID will result in an error. If you received a Tracking ID from the *PostalOne!* system, use that Tracking ID to retrieve your message in the first response.
- The DeliveryContent messages can be used by Schedulers, Mail Owners and Mail Preparers to add/update/cancel drop ship content:
  - Mail.XML 6.0 DeliveryContent messages will be designated as drop ship if the DestinationDiscountIndicator is set to 'Yes', if DestinationDiscountIndicator is set to 'No', FAST would generate an error response.

    - Stand-alone content - FAST shall treat the content as stand-alone content if the ConsigneeApptID is not provided in the request message. Stand-alone contents can be leveraged only for drop ship scenarios.
    - One-time content for an existing appointment - FAST shall treat the content as one time content if the ConsigneeApptID provided in the request message is a 9-digit appointment ID.
    - Recurring content for an existing recurring sequence - FAST shall treat the content as recurring content if the ConsigneeApptID provided in the request message is a 5-digit recurring sequence ID followed by the character “R”.
    - Mail.XML 6.0 DeliveryContent messages can be used to add/update/remove a specific content for an appointment created by the Scheduler.
- The DeliveryContentUpdateRequest and DeliveryContentCancelRequest messages may only be used to update or cancel content that was created using the DeliveryContentCreateRequest message.
- Mail.XML 6.0 DeliveryContentCancelRequest messages may be used to cancel specific container barcodes scheduled for induction but not inducted with the appointment.
    - Multiple contents may be canceled by providing each content’s ConsigneeContentID (and ConsigneeApptID for associated content) for Mail.XML 6.0 DeliveryContentCancel requests.
    - If a Mail.XML 6.0 DeliveryContentCancelRequest is sent and the appointment date/time is already past the 1 hour update threshold, FAST will release all active containers associated to the specified content(s). (Please note that contents themselves are not “released”).
- The DeliveryContentQuery messages may be used to query content for drop ship appointments:
    - If ConsigneeApptID is 9-digits then the content will be returned as one time appointment content (Mail.XML 6.0).
    - If ConsigneeApptID is 5-digits followed by the ‘R’ character then the content will be returned as recurring content (Mail.XML 6.0).
    - FAST shall only return active/open contents (Mail.XML 4.0 and Mail.XML 6.0)
    - The submitter of a Mail.XML 6.0 DeliveryContentQueryRequest will be denoted by the SubmittingParty SchedulerID or CRID. This replaces the RequestorSchedulerID from Mail.XML 4.0.
    - If both SchedulerID and CRID are provided within the SubmittingParty, they will be validated that they both belong to the same FAST Scheduler (Mail.XML 6.0).
    - FAST shall return only a single content if the ConsigneeContentID and SchedulerContentID fields are present in the DeliveryContentQueryRequest message. In this case, the ConsigneeContentID and SchedulerContentID must correspond (Mail.XML 4.0 and Mail.XML 6.0).
    - The SchedulerID within the header information must be the scheduler of the appointment when ConsigneeAppointmentID is provided and no ConsigneeContentID is provided (Mail.XML 4.0 and Mail.XML 6.0.
    - CreatorSchedulerID must be the content creator when a ConsigneeContentID is provided. FAST shall only return contents where the SubmittingParty is the scheduler of the appointment, content creator, logistics scheduler, mail preparer, or mail owner. The permissions are maintained at the corporate level. A partial scheduler ID (last 5-digits) will always be returned in the DeliveryContentQueryResponse unless the sender of the message is the creator of the content queried or the scheduler of the appointment (when ConsigneeApptID is included (Mail.XML 6.0).
- The DeliveryApptShellUpdateRequest should be used to update one-time and recurring appointment-level detail for an appointment with associated content, however, it may not be

used to update the facility of an appointment if the appointment has associated content. The DeliveryApptShellUpdateRequest may only be used to update the facility for one-time and recurring appointments with no associated content.

- The DeliveryApptShellCancelRequest may only be used to cancel one-time appointment shells that have no associated content. The DeliveryApptCancelRequest should be used for any appointments that have associated content.
- The DeliveryApptShellCancelRequest may be used to cancel recurring appointments with associated content or recurring appointment shells previously created via Web Services. Additionally, the Mail.XML 6.0 DeliveryApptCancelRequest may be used to cancel recurring appointments by specifying the recurring appointment ID. This applies only to drop ship.
- An appointment created using Mail.XML Version 4.0 may be updated using Mail.XML Version 6.0. An appointment created using Mail.XML Version 6.0 cannot be updated using Mail.XML Version 4.0.
- Content created using Mail.XML Version 4.0 may be updated using Mail.XML Version 6.0. Content created using Mail.XML Version 6.0 cannot be updated using Mail.XML Version 4.0. Content using Mail.XML Version 4.0 cannot be added to an appointment that was last updated using Mail.XML Version 6.0.
- The IDEAlliance specification allows multiple AdvanceMailingID elements to be included in a single USPSSummary block. FAST will only use the first AdvanceMailingID element and others will be ignored.
- The SchedulerContentID in the DeliveryContentCreate, DeliveryContentUpdate and DeliveryContentCancel messages is an ID generated by the Scheduler and should be numeric with no alphabet characters.
- The SchedulerContentID may be populated by the customer with a 12 digit (or less) numeric value. If SchedulerContentID is not populated in a MailDatSummary block, the *PostalOne!* system will populate SchedulerContentID in both the MailDatSummary block and the corresponding USPS Summary block with a *PostalOne!*-generated alphanumeric field consisting of P followed by a sequence of 11 digits or less. The SchedulerContentID will be populated in response messages with this value.
- The FullContentReplacement field in the header of the DeliveryContentUpdateRequest may only be “Yes” if a ConsigneeApptID is provided. If the FullContentReplacement field is “Yes,” FAST will cancel all content in an appointment created by the SchedulerID provided. If a ConsigneeContentID is provided in the DeliveryContentUpdateRequest, then the content will be updated and not canceled.
- The TransferAllContent field in the header of the DeliveryApptCancelCreateRequest may only be “Yes” if there is only one appointment that will be cancelled. If the TransferAllContent field is “Yes” FAST will cancel all contents on the appointment
- The PickupOrDelivery element is required in the RequestMsgHeaderInfo, ResponseMsgHeaderInfo and ResponseApptUpdateMsgHeaderInfo. FAST will only support requests messages with “Delivery” as a value for PickupOrDelivery. FAST will ignore “Pickup” as a value for PickupOrDelivery and always treat it as “Delivery”.
- The IDEAlliance specification allows for MixedLengthTrays to be a valid palletHandlingUnitType for Origin Entry mail. FAST shall convert all MixedLengthTrays to 2’ Trays for Origin Entry mail.
- The ConsigneeApptID, ScheduledInductionDate, LogisticsSchedulerID and LogisticSchedulerCorpID are not required in the DeliveryContentCreateRequest and DeliveryContentUpdateRequest messages. FAST requires either the ConsigneeApptID or all of the following fields be populated: ScheduledInductionDate, LogisticsSchedulerID and LogisticSchedulerCorpID.

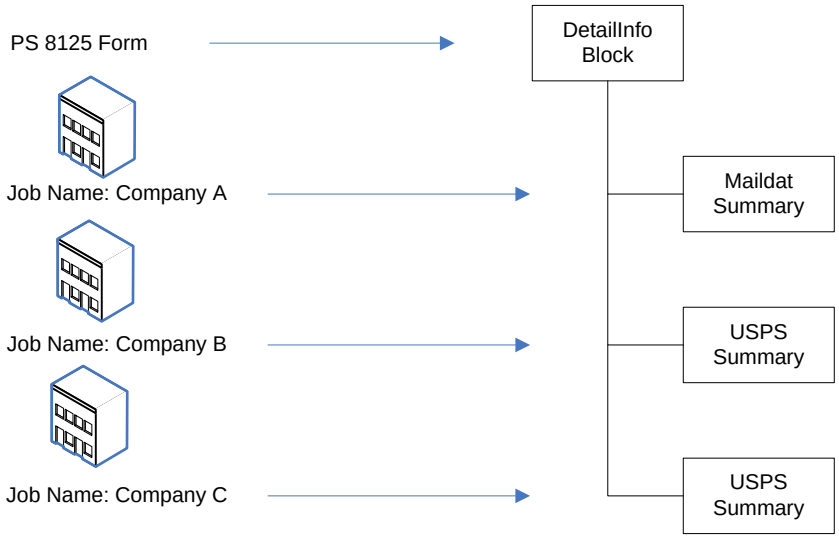
- FAST will be supporting First-Class, Standard, Package Services, and Periodicals Mail Classes for Origin Entry appointments in the Mail.XML 6.0 DeliveryApptCreateRequest, DeliveryApptUpdateRequest and DeliveryApptQueryRequest. However FAST will not support a mix of both origin entry and drop ship contents on the same appointment. If DestinationDiscountIndicator is set to 'Yes', the content will be designated as drop ship, if DestinationDiscountIndicator is set to 'No', the content will be designated as origin entry.
- The ContainsAutoMail field will be used to determine whether letter and flats are automated or not for origin entry content.
- The ContainsAutoMail field will only be used for letters and flats.
- The IDEAlliance specification allows for all enumerations of palletType regardless of the Mail Class. FAST requires that the Standard, Package Services, Periodicals and Standard/Periodicals Co-Mailings contents have a palletType of "Pallet". All enumerations of palletType will be accepted for First-Class contents.
- If Customer Supplier Agreement ID (CSAID) is not provided, FAST will return all CSAs associated to the Owner CRID.

Detail Info Block

PostalOne! will support the following method to populate the DetailInfo Block

PostalOne! Option: Shipper uses a DetailInfo Block to represent a PS 8125 Form.

Shipper uses a USPSSummary or MaildatSummary block to represent a mail job.



2.6 Multistop Support

The following is a breakdown of what is supported from a Multistop perspective:

FAST Online Application

- Create a new Appointment and associate it to a new Multistop.
- Create a new Appointment and associate it to an existing Multistop.
- Disassociate an existing Appointment from a Multistop (the Appointment is still active but it is no longer associated with a Multistop).

- Cancel the entire Multistop and therefore cancel all Appointments associated with that Multistop.

Web Services

- Create a new Appointment and associate it to a new Multistop.
- Create a new Appointment and associate it to an existing Multistop.

NOTES:

- An Appointment tied to a Multistop cannot be directly disassociated from that Multistop via Web Services. The Appointment will have to be canceled and rescheduled without the Multistop information OR the Appointment can be disassociated online.
- An existing Appointment cannot be added to an existing or new Multistop through online or Web Services. In both cases, the Appointment will have to be canceled and rescheduled with the Multistop information.
- Any time an Appointment is canceled, the overall Corporate rating may be impacted. Please see Mailer/Appointment Rating section of the *FAST User Guide* for more details on the rating calculation.

2.7 Error Codes/Return Values

The IDEAlliance "TM-Spec-<TM Specification version>Faults" specification outlines a set of possible Return Code values for that Mail.XML specification version. Below is an outline of the Return Code values that are supported in initial version of the USPS implementation. The IDEAlliance specification also allows implementation-specific Return Code values to be defined. The USPS implementation-specific Return Code values are also listed below.

IDEAlliance Return Code Values		
Code	**Description**	**Supported?**
1000	Invalid Scheduler ID for Scheduler Corp ID	Yes
1001	Invalid Scheduler Corp ID	Yes
1002	Unrecognized Facility	Yes*
1003	Appt Type not supported by the facility	No
1004	Invalid ConsigneeApptID	Yes
1005	Invalid Multistop ID	Yes
1006	Duplicate Unique Container ID's	Yes
1007	Appt Type not supported by Consignee	No****
1008	Appt Type not supported by facility	No
1009	No slots available for that time / type – dock limit	Yes
1010	The volume requested for the following mail shape exceeded the maximum volume: <Mail Shape>	Yes*
1011	Web Services/Online Appointments must be scheduled at least 1 hour in advance	Yes*
1012	Appointments may only be scheduled up to 14 days in advance	Yes*
1013	Appt type limits exceeded	No
1014	Outside consignee defined timeframes for update/cancel	No**
1015	Update/cancel refused – appointment closed/canceled	Yes
1016	Unrecognized Appointment – field combinations do not match consignee data (generic)	No
1017	Customer and Consignee Appointment ID do not correspond	Yes*
1018	Requested appt date/time is past	Yes

IDEAlliance Return Code Values		
Code	**Description**	**Supported?**
1019	Update/Cancel not allowed, past consignee editable time threshold	No**
1100	Mail.dat User License Code not supported by receiver	Yes
1101	Mail.dat Job ID not in consignee database	Yes
1102	Mail.dat DatabaseContainerID not in consignee database	Yes
1103	Mail.dat Verification Zip+4 not in consignee database	Yes
1200	News content is only valid when Mail Class is Periodicals	Yes*
1201	Perishable content is only valid when Mail Class is Package Services	Yes*
1202	Invalid Mail Shape/ Handling Unit combination	Yes
1203	In Home Start Date must be earlier than the In Home End Date	Yes*
1300	Mail Class not supported by Consignee	Yes
1301	Processing Category not supported by Consignee	Yes
1302	Presort Level not supported by Consignee	Yes
1303	Mail Class not supported by Facility	No
1304	Processing Category not supported by Facility	No
1305	Presort Level not supported by Facility	No
1306	Rate Type and Postal class are inconsistent.	Yes
1307	RateType Not Supported by Consignee	Yes ****
1400	Generic Update	No***
1401	Content Property Update	No***
1402	Content Change	No***
1403	ETA Update	No***
1404	Action Requested by Consignee	No***
1405	Delivery Appt Cancelled per request of consignee	Yes
1406	Product combined into another existing appointment	Yes
1407	Major change in expected delivery window	Yes
1408	Product not available	Yes
1409	Appt made in error – human error	Yes
1500	Invalid Tracking ID	Yes
1501	Tracking ID does not Match with Shipper	Yes
1502	Come Back Later	Yes*****
1503	InvalidRequestorSchedulerID for RequestorSchedulerCorpID	Yes
1504	InvalidRequestorSchedulerCorpID	Yes
1505	Appointment Closeout information unavailable	Yes

* - Indicates that the description listed is a more specific USPS description than what is outlined in the IDEAlliance specification.

** - Indicates that this specific code will not be returned but that either the 1011, 1012 or 3010 code will be returned instead, depending on what timeframe rule was violated.

*** - These codes will not be stored or used to implement any business logic in the current USPS implementation.

**** - This specific code will not specifically be supported because the USPS Implementation supports all Appointment types outlined in the IDEAlliance specification. Therefore, if a request is received that contains an invalid Appointment type it will simply fail XSD validation and a Fault block will be returned.

**** - Indicates that this code will be returned if Package Services is sent in. The Rate Type Package Services will be supported by FAST in the future.

***** - This indicates Mailer need to come back again to get the response for the Tracking ID request. This code is returned on TMSpec 1.3 XSD and above.

NOTE: Error Codes 1405-1409 may be provided in the ReturnInfo block of a DeliveryApptCancelRequest, DeliveryApptShellCancelRequest or DeliveryApptContentCancelRequest to indicate the cancellation reason.

***PostalOne!* – FAST Return Code Values**	
Code	**Description**
3000	Scheduler ID is not valid
3001	Scheduled Appointment time must be scheduled on the hour
3002	Customer and Consignee Multistop ID do not correspond
3003	Perishable content is only valid when Processing Category (Mail Shape) is Machineable Parcel, Outside Parcel (Non-Machineable Parcel), or Irregular Parcel
3004	Optional Appointment Start Time must be before the Optional End Time
3005	Optional Appointment Start Time must be within 8 hours of the Optional End Time
3006	The time difference between the first and last appointment of a multi-stop must be within 24 hours
3007	Appointment date/time must be earlier than In Home Start Date
3008	Number of USPSSummary blocks exceeded maximum limit of 100
3009	A Speedline Appointment cannot have more than 6 pallet positions
3010	Appointments must be updated at least 1 hour in advance
3011	Facility does not accept drop shipments.
3012	An appointment with this Scheduler ID and Scheduler Appointment Request ID already exists
3013	Valid content count must be present for each USPS Summary block
3014	You have experienced an error with the application. Please contact your FAST or Web Services system administrator for help
3015	A Pallet Appointment must have a Count of Pallets Containing Trays, Sacks, Bundles or Parcels
3016	Bedload and Drop and Pick Appointments may not have a Count of Pallets Containing Sacks, Trays, Bundles, or Parcels
3017	A Speedline Appointment may not have a Bedloaded Tray, Sack, Bundle or Parcel Count
3018	Default Facility: Error Message Format: <CIN Group> are not accepted at this facility. Please create an appointment at <NASS Code – Facility Name>. Error Message Example: Standard/Flats are not accepted at this facility. Please create an appointment at 100 – New York. Non-default Facility: Error Message Format: <CIN Group> are not accepted at this facility. Please refer to the Mail Direction Search Report or Drop Ship Product for the correct accepting facility.

***PostalOne!* – FAST Return Code Values**	
Code	**Description**
	Error Message Example: Standard/Flats are not accepted at this facility. Please refer to the Mail Direction Search Report or Drop Ship Product for the correct accepting facility.
3019	A Speedline Appointment cannot have more than 24 total pallets
3020	Application cannot get response for the given tracking ID (Refer Notes below)
3021	A USPSSummary type was not provided in any of the DetailInfo blocks (See Notes below)
3022	Invalid Mail Preparer ID
3023	Invalid Mail Owner ID
3024	Invalid Publication ID
3027	Update/cancel refused – content does not exist
3028	Invalid Mail Class for Appointment
3029	No update to Content made
3030	Publications only valid when Mail Class is Periodicals
3031	Invalid TM Spec Version
3032	Content may not be cancelled – appointment must have at least one content
3033	Invalid ConsigneeContentID
3034	Scheduler ID does not correspond to Scheduler ID for content
3035	Scheduler ID and Appointment ID do not correspond
3036	Facility ID and Appointment ID do not correspond
3037	Appointment may not be cancelled – appointment has associated content – please use the DeliveryApptCancelRequest message to cancel this appointment
3038	Invalid ConsigneeApptID – Appointment is not a Web Services appointment
3039	RecurringAppt block not supported by Consignee
3040	Update refused – may not change facility for this appointment – this appointment has associated content
3041	Web Services appointments/contents may not be cancelled greater than 24 hours past the appointment date/time
3042	Invalid TM Spec Version – Mailer not certified for TM Spec Version
3043	Content update/cancel refused – content was not created by a DeliveryApptContentCreateRequest message
3044	Invalid TM Spec Version – Appointment has been previously updated with a higher version
3045	Pallet Presort Level Counts must equal Pallet Level Counts
3046	Incorrect WSDL used to send TM2.0 Appointment Message
3047	A Drop and Pick Appointment Type may not be a Multi-Stop
3048	Invalid cancellation reason
3049	Scheduler for appointment must use the DeliveryApptUpdate message to add/update content(s)
3050	Invalid Unique Container ID – Container ID must be 21-digits and begin with 99M
3051	No content associated to appointment
3052	Mailer must provide FAST content ID on update using a DeliveryApptContentUpdateRequest or a DeliveryContentUpdateRequest Message
3053	BMC discount for Periodicals is only valid for cross-docked pallets
3055	Truck lengths <range> <truck length> ft are not accepted at <NASS Code - Facility Name>. Please refer to the Mail Direction Search Report or Drop Ship Product for the correct accepting facility.
3056	Truck lengths <range> <truck length> ft are not accepted at <NASS Code - Facility Name>.

***PostalOne!* – FAST Return Code Values**	
Code	**Description**
	Please refer to the Mail Direction Search Report or Drop Ship Product for the correct accepting facility.
3057	No slots available for the requested time/type due to tiering
3058	Number of Pallet Positions must be specified when Appointment Type is Speedline
3059	Facility cannot be modified for recurring appointment instances.
3060	Effective Start Date must be 14 days in the future
3061	Effective Start Date must be before the Effective End Date
3062	Invalid Day Frequency/Week Frequency Combination. A Day Frequency of Daily must have a Week Frequency of Weekly
3063	eVS Indicator is only valid when Processing Category (Mail Shape) is Machineable Parcel, Outside Parcel (Non-Machineable Parcel), or Irregular Parcels
3064	eVS Indicator is only valid when Mail Class is Standard, Package Services or First-Class
3065	eFile Number is only valid when eVS Indicator is Yes
3066	The eFile Number must be 22 digits
3067	Priority Mail Indicator is only valid when Mail Class is First-Class
3068	<Pallet Type> is only valid when the Mail Class is First-Class
3069	Either the appointment ID or all of the following fields are required: scheduled induction date, logistic scheduler ID and logistic scheduler Corp ID
3070	Scheduled Induction Date cannot be in the past
3071	Invalid Logistic Scheduler ID
3072	Invalid Requestor Scheduler ID
3073	Invalid Requestor Scheduler Corp ID
3074	Invalid Requestor Scheduler ID for Requestor Scheduler Corp ID
3075	Invalid TM Spec Version - Content has been previously updated with a higher version
3076	Invalid Creator Scheduler ID for Creator Scheduler Corp ID
3077	Invalid Creator Scheduler Corporate ID
3078	Creator Scheduler ID is not valid
3079	Facility Locale Key is required for this message
3080	Invalid SchedulerContentID/ConsigneeContentID combination
3082	ConsigneeApptID is required to update associated content
3083	Content has been previously associated to an appointment
3084	Invalid SchedulerID – Scheduler ID provided is not the Logistic Scheduler
3085	No more than 100 Contents may be associated to a single appointment
3086	The total volume of Bedload contents may not exceed 9999
3087	The total volume of Pallet, Hamper, APC/ERMC and Wire Container contents may not exceed 9999
3088	Invalid SchedulerContentID
3089	Appointment Time not within Facility hours of operation
3090	The only valid handling units for a First-Class Appointment are 1' Tray, 2' Tray, EMM Tray, Flat Tub, Parcels and Sacks
3091	Consignee does not accept First-Class appointments at this facility
3092	Unable to associate stand-alone content (ConsigneeContentID <Content ID>) - content cancelled
3093	Your search did not return any result
3094	A recurring appointment with this Scheduler ID and Shipper Appointment Request ID already exists.

***PostalOne!* – FAST Return Code Values**	
Code	**Description**
3095	Effective End Date must not be greater than 12/31/2999
3096	Invalid Recurring Frequency
3098	The Priority Mail indicator is only valid on First-Class Contents
3099	At least 1 Pallet/Bedload count must be provided
3102	A one day In-Home Date Range may not be on a Sunday
3103	Invalid Logistic Scheduler Corp ID
3104	Invalid Logistic Scheduler ID for Logistic Scheduler Corp ID
3105	Full content replacement is only valid when the Consignee Appointment ID is provided
3106	Consignee does not support <Mail Class> for this message type.
3107	Update/Cancel Refused – Content is Closed/Cancelled
3108	Appointment can not contain both drop ship and First-Class contents

NOTE:

- Return code 3018 refers to the Appointment Scheduling and Management Drop Ship Product Validation Process. The new functionality will provide online validation to verify if the selected facility can accept the mail contents on the requested appointment. FAST will utilize the drop ship product ZIP/CIN file. If an appointment passes the CIN group (mail class/mail shape combinations) validation, normal processing will continue as it does today; however, if it fails the CIN group validation, an error message or warning message will be displayed. The error message will notify the user of the type of content(s) that cannot be accepted at the specified facility and which facility those contents should be redirected to for processing. The warning message will notify the user that potential redirections may exist and provides additional facility information for the user to reference. In both cases, the user is provided a hyperlink to the 'facility profile – additional information' page to view specific redirections.
- Return code 3020 is used to indicate the application cannot get a response for this 'TrackingID'. The reason could be the Mailer is using the 'TrackingID' for which they have already obtained a response. This code is supported TMSpec XSD 1.3 and above. This is related to another code, 1502, which indicates the response is not available now and the Mailer needs to come back again later to get a response.
- Return code 3021 is used to indicate that the XML message does not contain any USPSSummary blocks in any of the DetailInfo blocks. USPSSummary blocks provide content information, and appointment create, update, and query messages cannot be processed without content information. Thus, at least one USPSSummary block must be present in at least one DetailInfo block.
- Error Codes 3022 and 3023 are used to validate that the Mail Preparer ID and any Mail Owner IDs are valid FAST Scheduler IDs.
- Error Codes 3025 and 3026 are not included because they are used for Mail.dat Recurring Content Notifications as Error Codes specific to this message type that FAST sends to the *PostalOne!* system that are.
- Error Code 3031 would be returned in a Fault Response.
- Error Code 3028 is used to indicate whether the mail class for a content is accepted for the appointment. When an appointment shell is created, the Scheduler indicates which Mail Classes are accepted for that appointment. When a DeliveryApptRequest or DeliveryApptUpdateRequest is made, only contents with the same mail class as existing contents for that appointment may be added using the DeliveryApptContent message request and update types.

- Error Code 3034 is used if a Scheduler who is not associated to the same corporation as the Scheduler who created the content attempts to update or cancel the content.
- Error Codes 3035 and 3036 are used to validate that the Scheduler ID and Facility ID match the Appointment ID given in a Delivery Content Query message.
- Error Code 3037 is returned if a DeliveryApptShellCancelRequest is sent to cancel an appointment that has associated content. The DeliveryApptCancelRequest should be used in this scenario.
- Error Code 3046 Mailers will receive this error messages if they used incorrect WSDL to send TM V2.0 Appointment messages.

***PostalOne!* – FAST Additional Return Code Values Supported for Mail.XML 6.0**	
Code	**Description**
3109	Invalid Customer Registration ID
3110	Content Cancel Refused - Content is associated to an Appointment
3111	Customer Registration ID is required
3112	Invalid Customer / Supplier Agreement ID for Customer Registration ID
3113	Full Contents Transfer is only applicable if there is only one Appointment that will be cancelled
3114	At least one content must be transferred when canceling multiple appointments
3115	Perishable content is not valid for Origin Entry appointments
3116	Your recurring appointment cannot start on {date} due to constraint limitations at this facility. Please work with the facility to schedule this recurring appointment
3117	The date range may not exceed 7 days
3118	The Start Time may not be in the past
3119	May not search for appointment slots more than 14 days after the current date
3120	An appointment cannot have both drop ship and Origin Entry content
3121	Delivery Content messaging does not support Origin Entry contents
3122	Invalid Customer Registration ID for Scheduler ID
3123	Facility cannot be modified for Recurring Appointment sequences.
3124	Submitting Party's Scheduler ID is required .
3125	Query Refused – {Recurring Appointment Sequence/Unscheduled Appointment/ Appointment Shell} querying is not supported in PartnerApptQueryRequest.
3126	Either the Submitting Party Scheduler ID or Customer Registration ID is required
3127	Invalid Submitting Party Scheduler ID
3128	A Recurring Origin Entry Appointment Sequence must have a Weekly Frequency of “Weekly”
3129	A Rate Type must be selected for Package Services content
3130	Invalid Customer / Supplier Agreement ID
3131	Update Refused - Mail Class cannot be modified. There is at least one <Mail Class> content associated to this appointment.
3132	ConsigneeApptID is required
3133	Scheduler cannot be modified for stand-alone contents
3134	May not create this appointment with the same appointment date and time as another appointment on the Multistop.

2.8 CIN Warning Codes and Descriptions

The following CIN Warnings are returned in the ReturnInfo block of accept messages where they occur. This applies to the following message types:

- DeliveryApptCreateAcceptResponse
- DeliveryApptUpdateAcceptResponse
- DeliveryApptQueryResponse
- DeliveryApptContentCreateAcceptResponse
- DeliveryApptContentUpdateAcceptResponse

***PostalOne!* – FAST CIN Warnings Supported for Mail.XMLSpec Version 4.0 and 6.0**		
Code	**Warning Description Text**	**Warning Explanation**
4000	Some < cin group > are accepted at this Facility. Please refer to the Mail Direction Search Report or Drop Ship Product for the correct accepting facility.	If scheduling at a default facility that has a complete redirection, but not all discounts or ZIP Codes (in the case of Delivery Units) are redirected.
4001	Some < cin group > are redirected to < redirect facility >. Please refer to the Mail Direction Search Report or Drop Ship Product for the correct accepting facility.	If scheduling at a redirect facility that has a complete redirection, but not all discounts or ZIP Codes (in the case of Delivery Units) are redirected.
4002	< CIN Group > are being redirected to < redirect facility >. The grace period ends <grace date>.	If scheduling at a default facility that has a complete redirection, but the default grace date of this redirection has not yet expired.
4003	< cin group > processing will no longer be performed at this facility. Please refer to the Mail Direction Search or Drop Ship Product for the correct accepting facility. The grace period ends <grace date>.	If scheduling at a redirect facility that has an expired complete redirection from a default, but that redirection is still in the grace period.
4004	This facility currently accepts <CIN Group>, however, on <redirection start date>; <CIN Group> will be redirected to <redirect facility>. Please adjust your appointments accordingly.	If scheduling at a default facility that currently has no complete redirections, but a new redirection will become active in 75 days or less
4005	Some < cin group > redirections to this facility expire before < date redirection expires >. Please refer to the Mail Direction Search Report or Drop Ship Product for the correct accepting facility.	If scheduling at a redirect facility that currently has at least one redirection to it, but at least one of those redirections will expire in 75 days or less
4006	Truck lengths <range> <truck length> ft are not accepted at <NASS Code – Facility Name>. If your truck length is <range> <truck length> ft, please create an appointment at <NASS Code – Facility Name>.	If scheduling at a default facility with a truck length that falls within the truck length redirection and the default grace date that has not yet expired.
4007	Truck lengths <range> <truck length> ft are not accepted at <NASS Code – Facility Name>. If your truck length is <range> <truck length> ft, please create an appointment at <NASS Code – Facility Name>.	If an appointment is scheduled at a default facility where a truck length redirection exists and is not within the grace period and no truck length is provided for the appointment.

***PostalOne!* – FAST CIN Warnings Supported for Mail.XMLSpec Version 4.0 and 6.0**		
Code	**Warning Description Text**	**Warning Explanation**
4008	Truck lengths <range> <truck length> ft are not accepted at <NASS Code – Facility Name>. If your truck length is <range> <truck length> ft, please refer to the Mail Direction Search Report or Drop Ship Product for the correct accepting facility.	If an appointment is scheduled at a redirect facility where a truck length redirection exists and it is within the grace period.
4009	Truck lengths <range> <truck length>ft are not accepted at <NASS Code – Facility Name>. If your truck length is <range> <truck length> ft, please refer to the Mail Direction Search Report or Drop Ship Product for the correct accepting facility.	If an appointment is scheduled at a redirect facility where a truck length redirection exists and it is not within the grace period and no truck length is provided for the appointment.
4010	BMC discount for Periodicals is only valid for cross-docked pallets.	If an appointment is scheduled for Palletized Periodicals for BMC discount.
4011	< cin group > processing will no longer be performed at this facility. Please refer to the Mail Direction Search or Drop Ship Product for the correct accepting facility. The grace period ends <grace date>.	If an appointment is scheduled at a default facility where the effective end date has expired but is still in the grace period.
4012	The Bill of Lading Number, Shipper Name and Vehicle ID will be updated for the following open appointments that are associated to multi-stop id <multi-stop id>: <appointment id list>.	If a leg of a multi-stop appointment is created or updated, and either the Bill of Lading Number, Shipper Name or Vehicle ID is different from the existing corresponding fields for the multi-stop appointment, then this warning will appear.
4013	Your recurring appointment request has been successfully created. An email notification of the request has been sent to the facility for review. After review, an email response will be sent to you	If a recurring appointment sequence is updated in such a way that a pending request is created (e.g. content or logistics updated on a recurring appointment sequence which is not pure Periodicals.)
4014	Your recurring appointment has been successfully updated. An informational email notification of the approved request has been sent to the facility and the scheduler	If a recurring appointment sequence is updated and auto-approved (e.g. content or logistics updated on a recurring appointment sequence that is pure Periodicals.)
4015	This recurring sequence is pending facility approval	If a pending recurring appointment sequence request is returned in a RecurringApptQueryResponseResponse.
4017	Your recurring appointment has been successfully created. Your recurring appointment currently has no contents. Appointments will not be generated for this Recurring Appointment while there are no contents.	If a recurring appointment sequence is created/updated and there is no associated content.
4018	The requested appointment date and time and in-home date are not in sync with USPS service standards. A shipment with a one day in-home date claiming a BMC discount must be scheduled to arrive by 16:00, five (5) days prior to the specified in-home date.	If standard content has an in-home date range of one day and is being scheduled at a facility that accepts BMC Standard mail.

***PostalOne!* – FAST CIN Warnings Supported for Mail.XMLSpec Version 4.0 and 6.0**		
Code	**Warning Description Text**	**Warning Explanation**
4019	The requested appointment date and time and in-home date are not in sync with USPS service standards. A shipment with a one day in-home date claiming a SCF discount must be scheduled to arrive by 16:00, three (3) days prior to the specified in-home date	If standard content has an in-home date range of one day and is being scheduled at a facility that accepts SCF Standard mail.
4020	The requested appointment date and time and in-home dates are not in sync with USPS service standards. A shipment with an in-home date range claiming a BMC discount must be scheduled to arrive by 16:00, five (5) days prior to the second day of the in-home date range.	If standard content has an in-home date range of more than one day and is being scheduled at a facility that accepts BMC Standard mail.
4021	The requested appointment date and time and in-home dates are not in sync with USPS service standards. A shipment with an in-home date range claiming a SCF discount must be scheduled to arrive by 16:00, three (3) days prior to the second day of the in-home date range.	If standard content has an in-home date range of more than one day and is being scheduled at a facility that accepts SCF Standard mail.

The following warnings are returned in the ReturnInfo block of accept messages where they occur. This applies to the following message types:

- DeliveryApptCancelCreateResponse
- DeliveryApptCreateAcceptResponse
- DeliveryApptUpdateAcceptResponse
- DeliveryApptQueryResponse

***PostalOne!* – FAST Warnings Supported for Mail.XML 6.0**		
Code	**Warning Description Text**	**Warning Explanation**
4022	Content was not cancelled – it is past the editable time threshold. However, containers for the specified contents have been released for scheduling in other appointments.	If attempting to cancel an appointment and containers less than one hour before the scheduled appointment date/time, or after the scheduled appointment date/time.
4023	Your recurring appointment cannot start on {date} due to constraint limitations. Your recurring appointment will now begin on {date}.	If scheduling at a facility where constraint limitations prevent the instances from beginning on the recurring appointment sequence start date.
4024	In Home Dates are not applicable to Recurring Appointment Series	If including in-home dates when creating/updating a recurring appointment, this warning message will be returned
4025	Appointment <appointment ID> cannot be cancelled, past appointment editable time threshold. Contents/containers of the appointment has been cancelled for scheduling in other appointments.	If attempting to cancel an appointment and containers less than one hour before the scheduled appointment date/time, or after the scheduled appointment date/time.
4026	Your recurring appointment has been successfully created. An informational email notification of the approved request has been	If a recurring drop ship appointment is created via a Delivery Appointment Create Request message.

***PostalOne!* – FAST Warnings Supported for Mail.XML 6.0**		
Code	**Warning Description Text**	**Warning Explanation**
	sent to the facility and the scheduler	
4027	Your search did not return any results	If a query message does not return search results.

Please note that any error or warning messages listed above will be limited to the acceptable field lengths provided in the Mail.XML Specification. This could cause a message to be truncated if it exceeds the acceptable field length.

2.9 Fault Codes

In addition to the above return codes, the IDEAlliance "TM-Spec-1.0Faults" specification also defines a set of possible faults that are used to convey system or operational information. Unlike return codes, faults codes are only three-digit long and they are communicated using the Fault element within the detail section of the SOAP fault. The Mail.XML specification further mandates that the following codes must be understood by all receivers:

Faults	Description
320	Incompatible SOAP Protocol Version
400	Generic Request Error
401	Incomplete/Cannot Parse
402	Not Well Formed XML
403	Validation Failure
404	This Error Intentionally Left Blank
405	Unrecognized Sender
407	Unrecognized Operation
408*	Unrecognized Operation Arguments
410	Not Found
412	Unauthorized
413	Forbidden
430	Not Confirmed
431	Failure Fetching External Data
440	Sorry
500	Generic Internal Responder Error
501	Temporary Responder Problem
503	Not Implemented

* - The fault description will contain additional information about the offending operation argument.

2.10 Web Service Additional Constraints

In addition to conforming to everything stated in the WSDL file, all XML inputs to the Appointment Services operations must qualify the XML elements and attributes with their associated namespace. As an example, following is a good ApptResponseRetrieval input message to the operation RetrieveAppointmentResponses:

ApptResponseRetrievalRequest (Mail.XML 4.0)

```
<maildatTM:ApptResponseRetrievalRequest
```

```
xmlns:mailxml="http://idealliance.org/maildat/Specs/md082/tm40/"
xmlns:mailxmlTM="http://idealliance.org/maildat/Specs/md082/tm40/mailxmlT
M" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://idealliance.org/maildat/Specs/md082/tm40/mailx
mlTM

mailxml_tm_072408.xsd

http://idealliance.org/maildat/Specs/md082/tm40/
mailxml_base_071408.xsd">

  <maildatTM:ApptResponse maildatTM:TrackingID="1130"/>

</maildatTM:ApptResponseRetrievalRequest>
```

ApptResponseRetrievalRequest (Mail.XML 6.0)

```
<maildatTM:ApptResponseRetrievalRequest

xmlns:mailxml="http://idealliance.org/maildat/Specs/md091/mailxml60a/mail
xml"
xmlns:mailxml_base="http://idealliance.org/maildat/Specs/md091/mailxml60a
/base"  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://idealliance.org/maildat/Specs/md091/mailxml60a
/mailxml

mailxml_120408.xsd

http://idealliance.org/maildat/Specs/md091/mailxml60a/base
mailxml_base_120108.xsd">

  <maildatTM:ApptResponse maildatTM:TrackingID="1130"/>

</maildatTM:ApptResponseRetrievalRequest>
```

2.11 Message Response Retrieval Request Processing

The *PostalOne!* system will generate the response to a MessageResponseRetrievalRequest (MRRR) for Mail.XML 6.0 requests and ApptResponseRetrievalRequest (ARRR) for Mail.XML 4.0 requests.

The *PostalOne!* system will provide the Web Services users with the capability to re-request message responses using the generated Tracking IDs multiple times with a MRRR within 30 days of initial response receipt from FAST. The *PostalOne!* system will provide the users with the latest response from FAST if there are multiple appointment responses for the same TrackingID. The following messages will be supported in the Message Response Retrieval Request processing:

- CustomerSupplierAgreementQueryResponse
- DeliveryApptQueryResponse
- DeliveryApptCreateResponse
- DeliveryApptCancelResponse
- DeliveryApptCancelCreateResponse
- DeliveryApptUpdateResponse
- DeliveryApptShellCreateResponse
- DeliveryApptShellUpdateResponse
- DeliveryContentCreateResponse
- DeliveryContentUpdateResponse

- DeliveryContentCancelResponse
- DeliveryContentQueryResponse
- Fault
- RecurringApptQueryResponse
- AllApptCloseoutResponse
- PartnerApptQueryResponse

2.12 *PostalOne!* WSDL Information

To support IDEAlliance Mail.XML specification changes and the newly added appointment message types, the *PostalOne!* system will create a new WSDL. Mailers are encouraged to use the new WSDL even if they plan to continue sending and receiving web services requests using previous version of IDEAlliance TM and Mail.XML Appointment requests.

The WSDLs for May Release are available as an appendix to this document and will also be available on RIBBS.

Mailers can access and download the currently supported versions of the *PostalOne!* WSDL from the following location:

http://www.usps.com/postalone/autodropshipschedule.htm

The customer must use the following URL to access the WSDL Web Service in the CAT environment:

http://cat3.uspspostalone.com/MLXMLServicesWeb/services/POAppointmentServices/wsdl/POAppointmentServices-MailXML60.wsdl

The customer must use the following URL to access the WSDL Web Service in the TEM environment(The TEM readiness for MAil.Xml will be communicated when TEM is ready to accept Mail.XML transactions):

https://mailxmltem.uspspostalone.com/MLXMLServicesWeb/services/POAppointmentServices/wsdl/POAppointmentServices-MailXML60.wsdl

The customer must use the following URL to access the WSDL Web Service in the production environment:

https://fast.uspspostalone.com/MLXMLServicesWeb/services/POAppointmentServices/wsdl/POAppointmentServices-MailXML60.wsdl

2.13 SchedulerContent ID

The *PostalOne!* system (Mail.XML Web Services) will generate SchedulerContent ID only if the mailer has set the 'IncludeInSummarizationblock' to 'No'. Mail.XML Web Services will generate the USPS Summary Block and reference Scheduler Content ID. The Scheduler Content ID will be an alphanumeric of the format P###... (P and a sequence number containing up to 11 digits). The prefixing is used to inform FAST that this Scheduler Content ID has been generated by Mail.XML Web Services. Customer will be provided an up to 12-digit number if they are populating this information in the appointment message.

2.14 Closeout Messages

FAST will generate a single closeout message for each appointment. The Mail.XML version used to generate the message will be determined as follows:

Closeout messages will be generated by FAST using the latest version used to create or update the appointment. If the latest specification version used to create or update the appointment is no longer supported, the latest supported version for which the scheduler is approved will be used for the closeout message. By the release of the Full-Service program, the latest supported version of Mail.XML is Mail.XML 6.0. For example, if an appointment was created using Mail.XML 4.0, then updated using Mail.XML 6.0, the ConsigneeGoodsReceipt will be generated using Mail.XML 6.0. If an appointment is created/updated using Mail.XML 4.0 and never updated using Mail.XML 6.0, the ConsigneeGoodsReceipt will be generated using Mail.XML 4.0.

Closeout messages for unscheduled appointments will be generated using the latest supported version of Mail.XML for which the scheduler has completed testing. For example, if the scheduler has completed testing for Mail.XML 4.0, the UnscheduledConsigneeGoodsReceipt will be generated using Mail.XML 4.0. If the scheduler has completed testing for Mail.XML 6.0, the UnscheduledConsigneeGoodsReceipt will be generated using Mail.XML 6.0. If the scheduler has completed testing for both Mail.XML 4.0 and Mail.XML 6.0, the UnscheduledConsigneeGoodsReceipt will be generated using Mail.XML 6.0.

The *PostalOne!* system will generate the Closeout Response using the same Mail.XML version as the one used to generate the Closeout Request. A customer who has appointments for both Mail.XML 4.0 and Mail.XML 6.0 will need to send a separate Closeout Request to retrieve closed appointments for Mail.XML 4.0 and Mail.XML 6.0.

The total number of ‘consignee goods receipt’ and ‘unscheduled consignee good receipts’ included in a closeout response is currently set to a maximum of 200 messages per response.

2.15 Appointment Shell Cancellation Messages

FAST will support the cancellation of Appointment Shells using both the Delivery Appointment Shell Cancel Request message and Delivery Appointment Cancellation Request Message, Additionally, Appointments with contents can be cancelled using both the Delivery Appointment Shell Cancel Request message and the Delivery Appointment Cancellation Request Message. Recurring appointment shells can only be cancelled using the Delivery Appointment Shell Cancel request.

2.16 *PostalOne!* - FAST Web Services Authentication:

PostalOne! will support new Submitting Party-based security identified in Mail.XML 6.0 for the messages listed below prior to passing on to FAST. *PostalOne!* currently supports these messages with Requestor-based security for Mail.XML 4.0, but these Requestor attributes will be replaced by the Submitting Party block for Mail.XML 6.0. All other messages sent to FAST will continue to support the existing SchedulerID/SchedulerCorpID authentication. FAST shall validate the Submitting Party SchedulerID and CRID (if provided) against FAST Schedulers for the following messages:

- SchedulerID in the Submitting Party block will be authenticated by *PostalOne!* for the DeliveryContentQueryRequest message.
- SchedulerID in the Submitting Party block will be authenticated by *PostalOne!* for the RecurringApptQueryRequest message.
- SchedulerID in the Submitting Party block will be authenticated by *PostalOne!* for the PartnerApptQueryRequest message

- SchedulerID in the Submitting Party block will be authenticated by *PostalOne!* for the CustomerSupplierAgreementQueryRequest message

3.0 *PostalOne!* – eDoc Mail.XML Messages

3.1 Overview

This section will discuss the technical information related to the *PostalOne!* - Mail.XML Web Services messages. These messages support all eDocumentation and miscellaneous functionality related to mailer interaction with the *PostalOne!* system in managing, updating and querying mail contents. Web Services messages also supplement the Mail.dat functionality, such as payment message queries and container status checking for eDropShip. The *PostalOne!* system will support the new and enhanced version of these eDoc messages in November 2009 as described in this eDoc section of the Postal Service Mail.XML Technical Specification.

Just like the existing FAST and Full Service Data Distribution, eDoc messages use the same technology concept of Web Services near real time messaging architecture. For eDoc messages, you are required to have Web Services capable software that can manage the data itself and be able to send and receive the Web Services Mail.XML based transactions from the USPS. For those customers and vendors who had built the WWS (Wizard Web Services) software, they are required to modify their software to now work with Mail.XML XSD and enhance their WWS message names and implementation. The near real time architecture will allow you to send your final documentation transactions to the USPS and get a response in near real time in most cases. For large transactions, the asynchronous web services architecture provided through tracking ids in Mail.XML is available, where your software can query the USPS PostalOne! system again to find out if your piece data or qualification reports were processed and accepted or rejected.

3.2 eDoc and Miscellaneous Messages

Messages supported by the *PostalOne!* System using Mail.XML 7.0 (future version of Mail.XML to be published in July 2009)

As part of *PostalOne!* support for the Full-Service program, Mail.XML 7.0 Web Services messages will provide an alternative to and replace the current Wizard Web Services (WWS). Mail.XML will be the overall umbrella specification that will contain all of the current WWS functionality, along with existing Transportation and appointment management as well as extra eDoc messages to support full-service pieces, such as piece detail, piece range, Periodicals reports and postage statements and combined mailing web services messaging.

Mail.XML eDOC Web Service Messages will allow business customers to submit and receive postal documents electronically via Web Services. Mail.XML is an alternative to the Mail.dat flat file specification, which works as the whole database of information unlike Mail.XML, which is used for business function specific real time bi-directional communication.

Following is the list of Mail.XML messages that will be supported by *PostalOne!* In November 2009, some of these messages have already been implemented in May 2009 release as identified in the ‘Release’ column below:

Message	Release
MailingGroupQueryRequest	May
MailingGroupQueryResponse	May
PaymentMessageQueryRequest	May
PaymentMessageQueryResponse	May
ReconciliationReportQueryRequest	May
ReconciliationReportQueryResponse	May
ContainerStatusQueryRequest	May
ContainerStatusQueryResponse	May *
BeginCombinedMailingRequest	November
BeginCombinedMailingResponse	November
BundleDetailCancelRequest	November
BundleDetailCancelResponse	November
BundleDetailCreateRequest	November

BundleDetailCreateResponse	November
CloseMailingGroupRequest	November
CloseMailingGroupResponse	November
ConsolidatedPeriodicalStatementCreateRequest	November
ConsolidatedPeriodicalStatementCreateResponse	November
ContainerBundleReportCancelRequest	November
ContainerBundleReportCancelResponse	November
ContainerBundleReportCreateRequest	November
ContainerBundleReportCreateResponse	November
ContainerBundleReportQueryRequest	November
ContainerBundleReportQueryResponse	November
EndCombinedMailingRequest	November
EndCombinedMailingResponse	November
MailPieceCancelRequest	November
MailPieceCancelResponse	November
MailPieceCreateRequest	November
MailPieceCreateResponse	November
MailPieceUpdateRequest	November
MailPieceUpdateResponse	November
OpenMailingGroupRequest	November
OpenMailingGroupResponse	November
OriginalContainerLinkageCancelRequest	November
OriginalContainerLinkageCancelResponse	November
OriginalContainerLinkageCreateRequest	November
OriginalContainerLinkageCreateResponse	November
PeriodicalStatementCancelRequest	November
PeriodicalStatementCancelResponse	November
PeriodicalStatementCreateRequest	November
PeriodicalStatementCreateResponse	November
PeriodicalStatementQueryRequest	November
PeriodicalStatementQueryResponse	November
PostageAdjustmentCreateRequest	November
PostageAdjustmentCreateResponse	November
PostageStatementCancelRequest	November
PostageStatementCancelResponse	November
PostageStatementCreateRequest	November
PostageStatementCreateResponse	November
PostageStatementQueryRequest	November
PostageStatementQueryResponse	November
PostageStatementStatusQueryRequest	November
PostageStatementStatusQueryResponse	November
QualificationReportCreateRequest	November
QualificationReportCreateResponse	November
MailDatContainerUpdateRequest	November
MailDatContainerUpdateResponse	November
MailPieceCancelRequest	November
MailPieceCancelResponse	November
MailPieceCreateRequest	November
MailPieceCreateResponse	November

MailPieceUpdateRequest	November
MailPieceUpdateResponse	November
SiblingContainerCancelRequest	November
SiblingContainerCancelResponse	November
SiblingContainerCreateRequest	November
SiblingContainerCreateResponse	November

* With the implementation of Errata # 77, all of the elements within the 'QueryResult' block will be wrapped under NEW complex type 'ContainerStatusInfoType' to allow 1 to many relationship.

IMPORTANT NOTE: In all of the following messages, wherever TRACKING ID, CANCELID, CANCELCONFIRMID, etc is refered will be removed from the data structure with the implementation of Errata # 140.

All eDoc messages have a submitting Party and submitting software.

SubmittingParty Block

Purpose

The SubmittingParty is used throughout Mail.XML as an identifier of the customer submitting the message. The SubmittingParty will be consistent throughout all message sets submitted for a mailing group.

Business Rules

- At least one of the MailerID6, MailerID9 or CRID fields must be provided

Field Description

Field	Format	Acceptable Values	Business Rules	Eratta Identified
SubmittingParty Block begins			Identifies the customer submitting the message	
MailerID6	String, 6 characters		Not required (attribute) Either MailerID6 or MailerID9 can be provided, not both	
MailerID9	String, 9 characters		Not required (attribute) Either MailerID6 or MailerID9 can be provided, not both	
CRID	String, 10 characters		Not required (attribute), Either CRID or MID can be provided for authorization	
SchedulerID			Not supported for eDoc messages	
MaildatUserLicense			Not supported for eDoc messages	
SubmittingParty Block ends				

SubmittingSoftware Block

Purpose
The SubmittingSoftware is used throughout Mail.XML as an identifier of the approved software being used to submit the message. The SubmittingSoftware will be consistent throughout all message sets submitted for a mailing group.

Business Rules

- Software that has not been approved will not be accepted by any message in the SubmittingSoftware Block

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
SubmittingSoftware Block begins			Identifies the software submitting the message	
SoftwareName	String		Required	
Vendor	String		Required	
Version	String		Required	
ApprovalDate	Date & Time		Not required	
ApprovalKey	String		Not required	
SubmittingSoftware Block ends				

3.3 Mail.XML Specific Message Details

Mailing Group Query Request and Response

The Mailing Group Query Request and Response messages allow the customer to provide a Customer Group ID (Customer Job ID) to open a mailing group and in response the USPS *PostalOne!* system sends back all the basic information about the mailer, including Permit or Publication Number information as well as the mailing acceptance office ZIP Code and the type of presort used in the mailing while assigning a MailingGroupID.
For more details on required vs. optional fields and blocks as well as the data types, please review the Mail.XML Transaction Message Protocol Messaging Specification.

PaymentMessageQueryRequest and Response

After paying for postage, send the PaymentMessageQueryRequest. The request requires the Statement ID, tracking ID, mailing and Customer group ID besides the submitting party and submitting software.

PaymentMessageQueryResponse

PaymentMessageQueryResponse includes a QueryResponseResponse and a QueryError block. The QueryResponse includes Postage statement data blocks for postage statement(s). Each Postage statement data block includes PostageStatementTransactionNumber, CustomerReferenceTransactionNumber, MailingFacility, PostageAmountPaid, DateOfTransaction, and TimeOfTransaction. Both messages include ReturnInfo.

Reconciliation Report Query Request and Response

The customer cannot update the Qualification report once filed. After the customer goes through the process of printing and delivering the mail to the USPS, the USPS creates a reconciliation report that shows how much mail was planned and how much was mailed. Such reports are called Reconciliation Reports.
In the ReconciliationReportQueryRequest, the customer is required to provide the mailing group ID and Customer group ID besides the mandatory elements of Submitting party and Submitting software. In the ReconciliationReportQueryResponse message the *PostalOne!* system responds back with a reconciliation report for every qualification report with in the Job/mailing group. The USPS responds back with one Mailing Group Summary and one or more Reconciliation Summary reports. The message also includes an optional Return Code and description. If there are issues, the USPS responds back with the Query Error block and provides one or more Return codes and descriptions to explain the errors.

Container Status Messages

The container status message set for PS Form 8017 and PS form 8125 containers allows a mailer, mail owner, or consolidator to provide container key information and find out if the container has any eDropShip-related or any other issues prior to shipping the container to the USPS. The following eDropShip issues can stop the creation of an electronic 8125 (e8125) are:

- invalid barcode – the barcode data format is not valid
- payment not finalized – the clerk has not yet finalized payment
- payment not yet processed – the electronic data has not been updated by the mailer to make the container in a ready to pay status
- entry point payment discount error – the entry point discount filed vs. the physical facility where mail is scheduled through FAST for delivery does not support the discount type

In all of these cases, unless the issues are resolved electronically through an update of data or through the clerk finalizing the postage, the containers' e8125 or e8017 will not be generated and sent to the Surface Visibility (SV) devices for induction. When that container shows up without an e8125 at the plant, the container can be stopped and its processing can be delayed or it can be returned to the shipper.
This message set includes:

- Container Status Query Request
- Container Status Query Response

Errata (See Appendix A) The ContainerStatusType is to be modified and renamed in the November release, as well as the ability to allow multiple XMl blocks back to the mailers in response.

BeginCombinedMailingRequest

Purpose

The beginCombinedMailing method sends the combined mailing ID information and starts a combined mailing.

Business Rules

- Will accept if a combined mailing is NOT already open for a mailing group
- Will reject if a combined mailing is already open for a mailing group
- Will reject if the mailing class of the mailing group is Periodicals

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Tracking
MailXMLPostageStatementRequestHeaderInfo block begins			Attributes block	

Field	Format	Acceptable Values	Business Rules	Errata Tracking
CustomerGroupID	String, 25 characters		Required (attribute)	
MailingGroupID	Non-negative Integer		Required (attribute)	
MailXMLPostageStatementRequestHeaderInfo block ends				
SubmittingParty Block			Required block; Identifies the customer submitting the message	
SubmittingSoftware Block			Required block; Identifies the software submitting the message	

BeginCombinedMailingResponse

Purpose
The BeginCombinedMailingResponse will be used by USPS to notify the customer if their request to create a combined mailing has been accepted or rejected.

Business Rules
- Will accept if a combined mailing is NOT already open for a mailing group
- Will reject if a combined mailing is already open for a mailing group
- Will reject if the mailing class of the mailing group is Periodicals
- The ReturnInfo block will have a description for rejection

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Tracking
BeginCombinedMailingAccept Block begins			Block received upon accepting request	
MailXMLMsgResponseHeaderInfo Block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required (attribute)	
MailingGroupID	Non-negative Integer		Required (attribute)	
TrackingID	String, 12 characters		For asynchronous transactions Not required (attribute)	
Status		Accepted, Amended, Cancelled, Counterproposal, New, NoAction, Original, PartiallyAccepted, Pending, Rejected, Replaced	Not required (attribute)	

Field	Format	Acceptable Values	Business Rules	Errata Tracking
MailXMLMsgResponseHeaderInfo Block ends				
CombinedMailingID	Non-negative Integer		Required	
ReturnInfo Block begins			Provides reason for return Not required Multiple pairings of ReturnCode and ReturnDescription can be provided in the block	
ReturnCode			Not required	
ReturnDescription	String, 260 characters		Required	
ReturnInfo Block ends				
BeginCombinedMailingAccept Block ends				
BeginCombinedMailingReject Block begins			Block received upon rejecting request	
MailXMLMsgResponseHeaderInfo Block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required (attribute)	
MailingGroupID	Non-negative Integer		Required (attribute)	
TrackingID	String, 12 characters		For asynchronous transactions Not required (attribute)	
Status		Accepted, Amended, Cancelled, Counterproposal, New, NoAction, Original, PartiallyAccepted, Pending, Rejected, Replaced	Not required (attribute)	
MailXMLMsgResponseHeaderInfo Block ends				
ReturnInfo Block begins			Provides reason for return Required Multiple pairings of ReturnCode and ReturnDescription can be provided in the block	
ReturnCode			Not required	
ReturnDescription	String, 260 characters		Required	

Field	Format	Acceptable Values	Business Rules	Errata Tracking
ReturnInfo Block ends				
BeginCombinedMailingReject Block ends				

EndCombinedMailingRequest

Purpose

The endCombinedMailing method is used to mark when postage statements for a combined mailing have all been submitted.

Business Rules

- All postage statements to be combined must be submitted before sending the end request

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Tracking
MailXMLPostageStatementRequestHeaderInfo block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required (attribute)	
MailingGroupID	Non-negative Integer		Required (attribute)	
MailXMLPostageStatementRequestHeaderInfo block ends				
SubmittingParty Block			Required block; Identifies the customer submitting the message	
SubmittingSoftware Block			Required block; Identifies the software submitting the message	
CombinedMailingID	Non-negative Integer		Required	

EndCombinedMailingResponse

Purpose

The EndCombinedMailingResponse will be used by USPS to notify the customer if their request to end a combined mailing has been accepted or rejected.

Business Rules

- Will accept if a combined mailing is open for the mailing group and more than one postage statement has been submitted
- Will reject if a combined mailing is NOT already open for the mailing group

- Will reject if a more than one postage statement has NOT been submitted for the mailing group
- Upon accepting, the PostalOne! system will be able to display the combined postage statements
- The ReturnInfo block will have a description for rejection

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Tracking
EndCombinedMailingAccept Block begins			Block received upon accepting request	
MailXMLMsgResponseHeaderInfo Block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required (attribute)	
MailingGroupID	Non-negative Integer		Required (attribute)	
~~TrackingID~~	~~String, 12 characters~~	-	~~For asynchronous transactions Not required (attribute)~~	140 – See Appendix D
Status		Accepted, Amended, Cancelled, Counterproposal, New, NoAction, Original, PartiallyAccepted, Pending, Rejected, Replaced	Not required (attribute)	
MailXMLMsgResponseHeaderInfo Block ends				
~~EndConfirmID~~	~~String, 12 characters~~	-	~~Required~~	154 – See Appendix D
CombinedMailingID	Non-negative Integer		Required	8, 154 – *See Appendix D for detail*
ReturnInfo Block begins			Provides reason for return Not required Multiple pairings of ReturnCode and ReturnDescription can be provided in the block	
ReturnCode			Not required	
ReturnDescription	String, 260 characters		Required	

Field	Format	Acceptable Values	Business Rules	Errata Tracking
ReturnInfo Block ends				
EndCombinedMailingAccept Block ends				
EndCombinedMailingReject Block begins			Block received upon rejecting request	
MailXMLMsgResponseHeaderInfo Block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required (attribute)	
MailingGroupID	Non-negative Integer		Required (attribute)	
~~TrackingID~~	~~String, 12 characters~~	-	~~For asynchronous transactions Not required (attribute)~~	140 – See Appendix D
Status		Accepted, Amended, Cancelled, Counterproposal, New, NoAction, Original, PartiallyAccepted, Pending, Rejected, Replaced	Not required (attribute)	
MailXMLMsgResponseHeaderInfo Block ends				
ReturnInfo Block begins			Provides reason for return Required Multiple pairings of ReturnCode and ReturnDescription can be provided in the block	
ReturnCode			Not required	
ReturnDescription	String, 260 characters		Required	
ReturnInfo Block ends				
EndCombinedMailingReject Block ends				

OpenMailingGroupRequest

Purpose

Allows USPS customers to create mailing groups to submit qualification report, mailpiece, and postage statement information against.

Business Rules

- Must be submitted before all other messages for eDoc

- Only one mailing group can be opened for a distinct SubmitterCRID, Permit Number or Publication Number, PostOfficeOfMailingZip, MailingFacility, and MailXMLPresentationCategory

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Tracking
MailXMLOpenMailGroupRequestHeaderInfo Block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required (attribute)	
MailXMLOpenMailGroupRequestHeaderInfo Block ends				
SubmittingParty Block			Required block; Identifies the customer submitting the message	
SubmittingSoftware Block			Required block; Identifies the software submitting the message	
MailingGroupData Block begins			Provides the basic information for the mailing group Only one must be submitted with OpenMailingGroupRequest message	
CustomerDescription	String, 50 characters		Not required	
SubmitterCRID	String, 10 characters		Required	
PermitPublicationData Block begins			Provides identifying information for the Permit Number or Publication Number being used	
PermitNumber	String, 8 characters		Conditionally required field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	

Field	Format	Acceptable Values	Business Rules	Errata Tracking
PermitType	String, 2 characters	PI = Permit Imprint MT = Meterd Tape PC = Precanceled Stamps BR = Business Reply PE = Periodicals GH = Ghost OI = Official Imprint OM = Official Metered	Conditionally required field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*
PermitZip4	String, 9 characters		Conditionally required field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109, 110 – *See Appendix D*
PublicationNumber	String, 9 characters		Conditionally required field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	
PermitPublicationData Block ends				
PostOfficeOfMailingZip	String, 5 characters		Required	
MailingFacility	String, 10 characters		Conditionally required for a Full Service/Mixed Service mailing	
MailXmlPresentationCategory	String, 1 character	P = Conventional Presort I = Manifest Individual N = Single Piece M = MLOCR S = Manifest Summary	Required	
MailerID	String, 9 characters		Not required	
FullServiceParticipationIndicator	String, 1 character	F = Full Service M = Mixed	Conditionally required for Full Service; <BLANK> field is invalid	9 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Tracking
MailAgreementType	String, 1 character	A = Alternate Mailing System B = Optional Procedure C = Manifest Mailing D = Value Added E = Combined Mail F = Combined and Value Added	Not required	
ContractNumber	String, 20 characters		Not required	
OnePassIndicator	String, 1 character	P = Planned A = Actual	Not required	55 – *See Appendix D for detail*
LogicalPhysicalContainerIndicator	String, 1 character	P = Physical only L = Logical exists	Conditionally required for a Full Service/Mixed Service mailing	
MailingGroupData Block ends				

OpenMailingGroupResponse

Purpose

The OpenMailingGroupResponse will be used by USPS to notify the customer if their request to open a mailing group has been accepted or rejected.

Business Rules

- Will accept if a mailing group is not already open for a distinct SubmitterCRID, Permit Number or Publication Number, PostOfficeOfMailingZip, MailingFacility, and MailXMLPresentationCategory
- Will reject if a mailing group is already open for a distinct SubmitterCRID, Permit Number or Publication Number, PostOfficeOfMailingZip, MailingFacility, and MailXMLPresentationCategory
- Will reject if invalid values are provided in the request
- The ReturnInfo block will have a description for rejection

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Tracking
OpenMailingGroupAccept Block begins			Block received upon accepting request	

Field	Format	Acceptable Values	Business Rules	Errata Tracking
MailXMLOpenMailGroupResponseAcceptHeaderInfo Block begins			Attributes block	7 – See Appendix D
CustomerGroupID	String, 25 characters		Required (attribute)	
MailingGroupID	Non-negative Integer		Not Required (attribute)	7 – See Appendix D
Status		Accepted, Amended, Cancelled, Counterproposal, New, NoAction, Original, PartiallyAccepted, Pending, Rejected, Replaced	Not required (attribute)	
MailXMLOpenMailGroupResponseAcceptHeaderInfo Block ends				7 – See Appendix D
ReturnInfo Block begins			Provides reason for return Not required Multiple pairings of ReturnCode and ReturnDescription can be provided in the block	
ReturnCode			Not required	
ReturnDescription	String, 260 characters		Required	
ReturnInfo Block ends				
OpenMailingGroupAccept Block ends				
OpenMailingGroupReject Block begins			Block received upon rejecting request	
MailXMLOpenMailGroupResponseRejectHeaderInfo Block ends				7 – See Appendix D
CustomerGroupID	String, 25 characters		Required (attribute)	
MailingGroupID	Non-negative Integer		Not required (attribute)	7 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Tracking
Status		Accepted, Amended, Cancelled, Counterproposal, New, NoAction, Original, PartiallyAccepted, Pending, Rejected, Replaced	Not required (attribute)	
MailXMLOpenMailGroupResponseRejectHeaderInfo Block ends				
ReturnInfo Block begins			Provides reason for return Required Multiple pairings of ReturnCode and ReturnDescription can be provided in the block	
ReturnCode			Not required	
ReturnDescription	String, 260 characters		Required	
ReturnInfo Block ends				
OpenMailingGroupReject Block ends				

CloseMailingGroupRequest

Purpose

If a mailing group was opened in error, the group can be closed through the by passing in the USPS mailing group ID. This prevents additional mailing documents from being added to the mailing group and mailing documents attached to the group from being processed further

Business Rules

- Request to close a mailing group must occur before any eDoc finalization within the mailing group
- Request to close a mailing group must be submitted against a currently open mailing group
- CustomerGroupID, MailingGroupID and SubmittingParty information must exactly match an existing mailing group

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Tracking
MailXMLMailGroupRequestHeaderInfo Block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required (attribute)	

Field	Format	Acceptable Values	Business Rules	Errata Tracking
MailingGroupID	Non-negative Integer		Required (attribute)	
MailXMLMailGroupRequestHeaderInfo Block ends				
SubmittingParty Block			Required block; Identifies the customer submitting the message	
SubmittingSoftware Block			Required block; Identifies the software submitting the message	

CloseMailingGroupResponse

Purpose

The CloseMailingGroupResponse will be used by USPS to notify the customer if their request to close a mailing group has been accepted or rejected.

Business Rules

- Will accept if the CustomerGroupID, MailingGroupID and SubmittingParty information matches an existing mailing group
- Will reject if the CustomerGroupID, MailingGroupID and SubmittingParty information does NOT match an existing mailing group
- Will reject if a more than one postage statement has NOT been submitted for the mailing group
- Will reject if invalid values are provided in the request
- The ReturnInfo block will have a description for rejection

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Tracking
CloseMailingGroupAccept Block begins			Block received upon accepting request	
MailXMLOpenMailGroupResponseHeaderInfo Block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required (attribute)	
MailingGroupID	Non-negative Integer		Required (attribute)	

Field	Format	Acceptable Values	Business Rules	Errata Tracking
Status		Accepted, Amended, Cancelled, Counterproposal, New, NoAction, Original, PartiallyAccepted, Pending, Rejected, Replaced	Not required (attribute)	
MailXMLOpenMailGroupResponseHeaderInfo Block ends				
CloseConfirmID	String, 12 characters		Required	
ReturnInfo Block begins			Provides reason for return Not required Multiple pairings of ReturnCode and ReturnDescription can be provided in the block	
ReturnCode			Not required	
ReturnDescription	String, 260 characters		Required	
ReturnInfo Block ends				
CloseMailingGroupAccept Block ends				
CloseMailingGroupReject Block begins			Block received upon rejecting request	
MailXMLOpenMailGroupResponseHeaderInfo Block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required (attribute)	
Status		Accepted, Amended, Cancelled, Counterproposal, New, NoAction, Original, PartiallyAccepted, Pending, Rejected, Replaced	Not required (attribute)	
MailXMLOpenMailGroupResponseHeaderInfo Block ends				

Field	Format	Acceptable Values	Business Rules	Errata Tracking
ReturnInfo Block begins			Provides reason for return Required Multiple pairings of ReturnCode and ReturnDescription can be provided in the block	
ReturnCode			Not required	
ReturnDescription	String, 260 characters		Required	
ReturnInfo Block ends				
CloseMailingGroupReject Block ends				

Note: A QualificationReportUPdateCreateRequest and response will be supported in Novmber to allow updates to the transportation data by all environments and additions of physical information for MLOCR

QualificationReportCreateRequest

Purpose

The Qualification Report is used to submit standardized documentation compliant with the DMM 708.1. A mailing group may have multiple qualification reports.

Business Rules

- Cannot be sent until an OpenMailingGroupRequest message has been sent and accepted
- OpenMailingGroupResponse must respond with an accept block
- Will No updates can be made to the QualificationReportCreateRequest message
- Changes to a Qualification Report can be made when the customer closes a mailing group through the CloseMailingGroupRequest message and opens a new mailing group with the OpenMailingGroupRequest message
- QualificationReportCreateRequest message must be accepted before the BundleDetailCreateRequest message can be sent

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailXMLQualReportRequestHeaderInfo block begins			Attributes block; 0 to 1	68 – *See Appendix D for detail*
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID in the OpenMailingGroupRequest message	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailingGroupID	Non-Negative Integer		Required field; must be populated with the same value as the MailingGroupID in the OpenMailingGroupRequest message	
Replace	String	Yes	Not required or supported	
		No		
MailXMLQualReportRequestHeaderInfo block ends				
SubmittingPartyBlock			Required block	
			Identifies the customer submitting the message	
SubmittingSoftwareBlock			Required block	
			Identifies the software submitting the message	
OnePassPlannedOrActualFlag	String	A = Actual	Not required	52 – *See Appendix D for detail*
		P = Planned		
QualificationReport block begins			Required block; contains the values necessary to populate a Qualification Report (0 to 1 pairings)	
DMMSection	String, 12 characters		Optional field	
SoftwareVendorZapOption	String, 1	-	Optional	119 – See Appendix D
ZoneMatrix	Date/Time	-	Optional	120 – See Appendix D
BatchManifestIndicator	Boolean		Required field	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ContainerInfoData block begins			Optional block; must provide one for each container (may have multiple ContainerDetail Data blocks within ContainerInfoD ata block)	
PhysicalPostalCodeEntryPoint	String, 5 characters		Required field; 5-digit zip code (6 digits for international zip codes)	
~~DeliveryLocaleKeyEntryPoint~~	~~String, 5 characters~~	-	~~Required field; 5-digit zip code (6 digits for international zip codes)~~	134 – See Appendix D
ActualContainerShipDate	Date/Time		Optional	170- See Appendix D
ActualContainerShipTime	~~Time~~		~~Optional~~	170 – See Appendix D
ScheduledShipDate	Date/Time		Optional	170 – See Appendix D
ScheduledShipTime	~~Time~~		~~Optional~~	170 – See Appendix D
CSADispatchNumber	Non-Negative Integer		Optional field; required only if DMU verified and USPS transported origin	
CSAID	Numeric, 10 characters		Optional field; required only if DMU verified and USPS transported origin	4 – *See Appendix D for detail*
CSADispatchTime	Time		Optional field; required only if DMU verified and USPS transported origin	

Field	Format	Acceptable Values	Business Rules	Errata Identified
CarrierRouteNumber	String, 4 characters		Optional field; required for Carrier Route rate pieces	
CinCode	String, 3 characters		Optional field	
ContainerBarcode	String, 24 characters		Optional field; Required for Full Service and Basic mailings	3 – *See Appendix D for detail*
				26 – *See Appendix D for detail*
ContainerDisplayName	String, 50 characters		Optional field; if provided, displayed on the Qualification Report	
ContainerType	String, 1 character	1 = #1 Sack	Required field; displayed on Qualification Report	62 – *See Appendix D for detail*
		2 = #2 Sack		63 – *See Appendix D for detail*
		3 = #3 Sack		
		4 = 01V Sack		
		5 = 03V Sack		
		E = EMM Tray		
		F = Flat Tub		
		L = Logical Tray		
		O = 1' Tray		
		P = Pallet		
		M = Logical Pallet (MLOCR)		
		S = Sack (general)		
		T = 2' Tray		
		V = Sack (Virtual)		
		B = Bedload		
		U = Unit Load Device		
		Z = User Pallet		
		W = Walled Unit		

Field	Format	Acceptable Values	Business Rules	Errata Identified
		H = EIRS 61 - Hamper, Large Canvas		
		A = EIRS 61P – Hamper, Large Plastic		
		G = EIRS 66 – General Purpose Mail Container w/Gate		
		D = EIRS 68 – Eastern Region Mail Container w/Web Door		
		R = EIRS 84 – Wire Container Rigid		
		C = EIRS 84C – Collapsible Wire Container		
~~Customer~~ContainerID	String, 6 characters		Required field; displayed on Qualification Report	~~*24 – See Appendix D for detail. Rejected by IDEA SM 3.1*~~
ParentContainerID	String 6		Conditionally required for when parent containers exist	~~11 –~~ See Appendix D SM3.1
DestinationZip	Numeric, 3 or 5 characters		Required field; displayed on Qualification Report	
EntryPointFacilityType	String, 1 character	B = DBMC	Required field; displayed on Qualification Report	
		A = ASF		
		S = DSCF		
		D = DDU		
		H = Tran Hub		
		R = ADC		
		O = Origin		
		X = Alt Delivery		

Field	Format	Acceptable Values	Business Rules	Errata Identified
		T = Orig (T=Hub Sq)		
		N = Not=determined		
		C = Origin SCF		
		E = Origin DDU		
		J = Origin ADC		
		K = Origin BMC		
		L = Origin ASF		
		M = Dest AMF		
		Q = Origin AMF		
		I = IBMC (Int'l BMC, NJ)		
EntryPointZip	Numeric, 5 characters		Required field; displayed on Qualification Report	
EntryLocaleKey	String, 9 characters		Optional field	
SiblingContainerID	String, 6 characters		Conditionally required if a sibling container exists to accept the overflow of piece-weight or to allow Logical Trays/Container with Physical Trays/Containers for Full-Service	12 – *See Appendix D for detail*
ProcessingCategory	String, 2 characters	LT = Letter	Required field; displayed on Qualification Report	Re-review – Errata 50 was rejected.
		FL = Flat		
		CD = Card	If FormType = BP, then the following values are valid: FL, NP, MP, IR	

Field	Format	Acceptable Values	Business Rules	Errata Identified
		OS = Oversized Parcel	If FormType = FC, then the following values are valid: LT, FL, CD, PF	
		MP = Machinable Parcel	If FormType = ML, then the following values are valid: FL, NP, MP, IR	
		IR = Irregular Parcel	If FormType = PM, then the following values are valid: LT, FL, PF	
		PF = Parcel, First Class	If FormType = PE, then the following values are valid: LT, FL, MP, IR, NP	
		CM = Custom Mail	If FormType = PP, then the following values are valid: MP, IR, NP	
		NA = NFM with pc weights less than 6 oz	If FormType = SM, then the following values are valid: LT, FL, MP, IR, NP, CM, NA, NB	
		NB = NFM with pc weights greater than or equal to 6 oz		
		NP = Non Machinable Parcels		
SortationLevel	String	CRD = CR-Direct	Required field; displayed on Qualification Report	
		5DG = 5 Digit		
		CR5 = Mixed CR in 5 Digit		
		5DGS = 5D Scheme		
		CR5S = CR-5D Scheme		
		M5D = 5 Digit (Merged)		

Field	Format	Acceptable Values	Business Rules	Errata Identified
		M5DS = 5D Scheme (Merged)		
		MET = Metro Scheme		
		ADC = ADC		
		AADC = AADC		
		MADC = Mixed ADC		
		MAAD = Mixed AADC		
		SCF = SCF		
		PSCF = Protected SCF		
		BMC = BMC		
		PBMC = Protected BMC		
		MBMC = Mixed BMC		
		ASF = ASF		
		OMX = Original Mixed BMC		
		PADC = Protected ADC		
		DPC = DPC		62 Base Compliance
		RDC = RDC		62 Base compliance
		MRDC = Mixed RDC		
		SP = Single Piece		
OverflowIndicator	String	Yes	~~Required field; displayed on Qualification Report if Yes~~ Optional	102 – *See Appendix D*
		No		
ParentContainerID	String, 6 characters		Optional field; required if a parent container exists	11 – *See Appendix D for detail*
ScheduledInductionDate	Date/Time		~~Required field; not used by PostalOne!~~ Optional	102 – *See Appendix D*

Field	Format	Acceptable Values	Business Rules	Errata Identified
ScheduledInductionTime	~~Time~~		~~Required field; not used by PostalOne!~~ Optional	102 – *See Appendix D*
USPSPickup	String	Yes	Required field	
		No		
MailOwnerCRID	String, 10 characters		~~Required field~~ Optional	103 – *See Appendix D*
~~MailXMLContentID~~ ConsigneeContentID	String, 9 characters		Optional field	72 – *See Appendix D for more detail*
~~MailXMLApptID~~ ConsigneeApptID	String, 9 characters		Optional field	72 – *See Appendix D for more detail*
PostageStatementMailingDate	Date/Time		~~Required field~~ Optional	104 – *See Appendix D*
PostageStatementMailingTime	~~Time~~	-	~~Required field~~ Optional	104 – *See Appendix D*
ContainerAcceptanceDate	Date/Time		Optional field	
ContainerAcceptanceTime	~~Time~~		Optional field	
CarrierID	String, 15 characters		Optional field	
TruckAndDispatchNumber	String, 10 characters		Optional field	
TotalWeightOfContainer	Decimal		Optional field	
AdditionalTrayPostageAmount	Double	0 to 1 occurence	Optional	131 – See Appendix D
IncludedInOtherDoc	String, 1 character	O, L, Blank	Optional field	1 – *See Appendix D for detail*
		No		13 – *See Appendix D for detail*
ContainerDetailData block begins			Optional block; contains the Container Detail Information	27
			Can have 0 to many within ContainerInfoData	28 (to move BundleDetail to this block) – *See Appendix D for detail*
~~IncludedInOtherDoc~~	~~String, 1 character~~	~~O, L, Blank~~	~~Optional field~~	~~1 – See Appendix D~~
CarrierRouteNumber	Numeric, 4 characters		Optional field; if populated, must be exactly 4 characters	

Field	Format	Acceptable Values	Business Rules	Errata Identified
CumulativePostage	Decimal		~~Required field~~ Optional	105 – *See Appendix D*
EntryDiscountType	String, 1 character	N = None	Required field	
		B = DBMC		
		S = DSCF	If FormType = BP, then this field must be N, B, S, or D	
		D = DDU	If FormType = FC, then this field must be N	
		P = Parcel Post = Inter=BMC	If FormType = ML, then this field must be N	
~~DestinationZip~~	~~String 5~~		~~optional~~	47 – See Appendix D
		Q = Parcel Post = Intra=BMC	If FormType = PE, then this field must be N, B, S, D, A	
		A = DADC	If FormType = PM, then this field must be N	
			If FormType = PP, then this field must be B, S, D, P, Q, or A	
			If FormType = SM, then this field must be N, B, S, or D	
MailEndSeqNo	String, 50 characters		Optional field; used for consolidated statements	
MailStartSeqNo	Start, 50 characters		Optional field; used for consolidated statements	
Postage	Decimal		Required field	105 – *See Appendix D*
RateLevel	String	SP = Single Piece	Required field; determines postage in the PostalOne! system	
		5B = 5 Digit Barcode		
		3B = 3 Digit Barcode		

Field	Format	Acceptable Values	Business Rules	Errata Identified
		AB = ADC/AADC Barcode		
		PSRT = Basic (1C/4C Presort)		
		5D = 5D Non Barcode		
		3D = 3D Non Barcode		
		BMC = Par Post (BMC Sort)		
		OBMC = Par Post (OBMC Sort)		
		BP = BMC Machinable		
		MP = Mixed BMC Machinable		
		AD = ADC/AADC Non-BC		
		MD = MxADC/AADC Non-BC		
		WS = Saturation = ECR		
		HD = High Density = ECR		
		CR = Carrier Route		
		MB = MxADC/AADC Barcode		
TotalCopies	Non-Negative Integer		Required field; determines postage in the PostalOne! system	
TotalPieces	Non-Negative Integer		Required field; determines postage in the PostalOne! system	
Zone	String	N = None	Optional field	57 – *See Appendix D for detail*
		LC = Local		

Field	Format	Acceptable Values	Business Rules	Errata Identified
		1 = Zone 1 & 2	If FormType is BP, this field must be N, 1, 3, 4, 5, 6, 7, or 8, SCF, DDU	
		3 = Zone 3	If FormType is FC, this field must be N	
		4 = Zone 4	If FormType is ML, this field must be N	
		5 = Zone 5	If FormType is PE, this field must be N, 1, 3, 4, 5, 6, 7, or 8, DDU, SCF, ADC	
		6 = Zone 6	If FormType is PM, this field must be N, 1, 3, 4, 5, 6, 7, or 8	
		7 = Zone 7	If FormType is SM, this field must be N	
		8 = Zone 8	Add DDU, SCF, ADC	Errata 90
		DDU		
		SCF		
		ADC		
VersionID	String, 10 characters		Optional field	
ZIPThreeFive	Numeric, 3 or 5 characters		Optional field	
InOutCountyIndicator	String, 1 character	I = In-County	Optional field	107 – *See Appendix D*
		N = Not County	Required if the FormType field is populated with PE for Periodicals.	
		~~O = Other~~	~~If FormType is PE this field must be I or N.~~	SM26
RateLevelIndicator	String	A = Auto (use with rateLevel 5B, 3B, AB, MB)	Optional; Required if a different Rate Level from ContainerInfoData	

Field	Format	Acceptable Values	Business Rules	Errata Identified
		B = Nonauto (use with rateLevel 5D, 3D, AD, MD)		
		C = ECR (use with rateLevel WS, HD, CR)		
		M = Machinable (use with rateLevel AB, MB)		
		N = Nonmachinable (use with rateLevel 5D, 3D, AD, MD)		
ContainerChargeContainerLevel	String	3 = 3-Digit/SCF	Optional field; Required for Periodicals	
		5 = 5-Digit/Carrier Route		
		A = ADC/AADC		
		M = Mixed ADC/Mixed AADC		
ActualPieces	Non-Negative Integer		~~Required field; PostalOne! uses TotalPieces not ActualPieces~~ Optional	105 – *See Appendix D*
ServiceLevelIndicator	String, 1 character	F = Full Service	Required field; displayed on Qualification Report	
		B = Basic		
		P = POSTNET		
		O = Other		
MailOwner block begins			Optional block; 0 to many pairings within ContainerDetail Data	
PermitNumber	String, 8 characters		Required field when PermitType and PermitZIP4 are populated	

Field	Format	Acceptable Values	Business Rules	Errata Identified
PermitType	String, 2 characters	PI = Permit Imprint	Required field when PermitNumber and PermitZIP4 are populated	109, 110 – *See Appendix D*
		MT = Metered Type		
		PC = Precanceled Stamps		
		BR = Business Reply		
		PE = Periodicals		
		GH = Ghost Permit		
		OI = Official Imprint		
		OM = Official Metered		
PermitZip4	String, 9 characters		Required field when PermitNumber and PermitType are populated	109, 110 – *See Appendix D*
PublicationNumber	String, 9 characters		Required field when PermitNumber, PermitType, PermitZIP4 are not populated	
MailOwner block ends				
ContainerDetailData block ends				
		C = Cancel		
		D = Delete		
		P = Preliminary Postage Statement		
		T = Transportation Information Update		
ContainerInfoData block ends				
CustomerQualificationReportID	String, 66 characters		Optional field	
FormType	String, 2 characters	PM = Priority Mail	Required field	
		FC = First Class		

Field	Format	Acceptable Values	Business Rules	Errata Identified
		SM = Standard Mail		
		BP = Bound Printed		
		PE = Periodicals		
		PP = Parcel Post		
		ML = Media Library		
PreparedDate	Date/Time		Required field	
Preparer block begins			Required block; contains permit information of the mail preparer	
Choice Block Begin			To either provide Pemit Info or MailerID 6/9 or CRID	147 – See Appendix D
PermitNumber	String, 8 characters		Required field when PermitType and PermitZIP4 are populated	
PermitType	String, 2 characters	PI = Permit Imprint	Required field when PermitNumber and PermitZIP4 are populated	109, 110 – *See Appendix D*
		MT = Metered Type		
		PC = Precanceled Stamps		
		BR = Business Reply		
		PE = Periodicals		
		GH = Ghost Permit		
		OI = Official Imprint		
		OM = Official Metered		
PermitZip4	String, 9 characters		Required field when PermitNumber and PermitType are populated	109, 110 – *See Appendix D*

Field	Format	Acceptable Values	Business Rules	Errata Identified
PublicationNumber	String, 9 characters		Required field when PermitNumber, PermitType, PermitZIP4 are not populated	
OR one of the following				
MailerID6	String, 6	-	Required	147 – See Appendix D
MailerID9	String, 9	-	Required	147 – See Appendix D
OR				
CRID	String	-	Required	147 – See Appendix D
Choice Block END				
Preparer block ends				
PresortSWCompany	String, 50 characters		Optional field, displayed in Qualification Report	
PresortSWProduct	String, 50 characters		Optional field, displayed in Qualification Report	
PresortSWVersion	String, 20 characters		Optional field, displayed in Qualification Report	
DocumentVersionData block begins			Optional block; contains Version Summary Report information (0 to many pairings)	111 – *See Appendix D*
VersionID	String, 10 characters		Required field	125 – See appendix D
~~DocumentNameVersionName~~	String, 12 characters		Required field	125 – See appendix D
Version~~Document~~Description	String, 30 characters		Optional field	SM21
PieceWeight	Decimal		Optional field	SM21
AdPercent	Decimal, 5 total digits		Optional field; Percentage - max value 100.00.	
RateAffixed	Decimal		Optional field	158 – See Appendix D
PermitPublicationData block begins			Optional block	

Field	Format	Acceptable Values	Business Rules	Errata Identified
PermitNumber	String, 8 characters		Conditionally required field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	
PermitType	String, 2 characters	PI = Permit Imprint	Conditionally required field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*
		MT = Metered Type		
		PC = Precanceled Stamps		
		BR = Business Reply		
		PE = Periodicals		
		GH = Ghost Permit		
		OI = Official Imprint		
		OM = Official Metered		
PermitZIP4	String, 9 characters		Conditionally required field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109 – *See Appendix D*

Field	Format	Acceptable Values	Business Rules	Errata Identified
PublicationNumber	String, 9 characters		Conditionally required field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	
PermitPublicationData block ends				
TotalCopies	Non-Negative Integer		Required field	
TotalPieces	Non-Negative Integer		Required field	
DocumentVersionData block ends				

QualificationReportCreateResponse

Purpose

The QualificationReportCreateResponse will be used by USPS to notify the customer if their request to create a qualification report has been accepted or rejected.

Business Rules

- Must be returned to the customer after the QualificationReportCreateRequest message is sent by the customer to PostalOne!

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
QualificationReportCreateAccept block begins			Response from USPS indicating that the QualificationReportCreateRequest message was accepted and a Qualification Report was created	
MailXMLQualReportResponseHeaderInfo block begins			Attributes block	

Field	Format	Acceptable Values	Business Rules	Errata Identified
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID in the MailXMLQualReportRequestHeaderInfo block of the QualificationReportCreateRequest message	
MailingGroupID	Non-negative integer		Required field; must be populated with the same value as the MailingGroupID in the MailXMLQualReportRequestHeaderInfo block of the QualificationReportCreateRequest message	
MailXMLQualReportResponseHeaderInfo block ends			End of block	
CustomerQualificationReportID	String, 66 characters		Optional field	
~~TrackingID~~	-	-	~~Required field~~	140 – See Appendix D
ReturnInfo			Optional block	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
ReturnInfo block ends			End of block	
QualificationReportCreateAccept block ends			End of block	

Field	Format	Acceptable Values	Business Rules	Errata Identified
QualificationReportCreateReject block begins			Response from USPS indicating that the QualificationReportCreateRequest message was rejected and a Qualification Report was not created and the reason why	
MailXMLQualReportResponseHeaderInfo block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID in the MailXMLQualReportRequestHeaderInfo block of the QualificationReportCreateRequest message	
MailingGroupID	Non-negative integer		Required field; must be populated with the same value as the MailingGroupID in the MailXMLQualReportRequestHeaderInfo block of the QualificationReportCreateRequest message	
MailXMLQualReportResponseHeaderInfo block ends			End of block	
ReturnInfo			Required block	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
ReturnInfo			End of block	
QualificationReportCreateReject block ends			End of block	

~~MailDat~~ContainerUpdateRequest

Purpose

Allows USPS customers to update a container originally submitted through Mail.dat.

Business Rules

- Mail.dat Business Rules:
- Must be submitted after a Mail.dat file submission has occurred
- The container must already exist in the PostalOne! system
- The container must not have any finalized postage
- All additional business rules that apply to Mail.dat file based container updates apply to the Mail.XML container update message set
- SubmittingParty may, in addition to the original entity, may be the CRID in the MailFacilityID of the original SEG file submitted
- Mail.XML Business Rules:
- Must be submitted after a mailing group has been opend and a Qualification reports exists Must only be used to update Transportation infomration for an existing Qualification report filed through Mail.XML
-

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
SubmittingParty Block			Required block; Identifies the customer submitting the message	
SubmittingSoftware Block			Required block; Identifies the software submitting the message	
SummaryRecordUpate Block begins			Contains all information to be updated 1 to many can be submitted	
Full Container ID Block begins			Contains orignal container identifiers Required Only one block can be submitted	
UserLicenseCode	String, 4 characters		Required field; must match the User License Code from the .hdr file in mail.dat	
MaildatJobID	String, 8 characters		Required field; must match the Job ID from the .csm file in mail.dat	
MailingGroupID	String, 25 characters		If Transportation update for Mail.XML, must provide MailingGroupID	
CustomerGroupID	Non-negative Integer		If Transportation update for Mail.XML, must provide CustomerGroupID	

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~Database~~ContainerID	String, 6 characters		Required field; must match the Container ID from the .csm file in mail.dat	
UniqueContainerBarcode	String, 24 characters		Not required (attribute)	
Full Container ID Block ends				
EntryPointEDPostalCode	String, 6 characters		Conditionally required if EntryPointEDFacilityType is populated	
EntryPointEDFacilityType	String, 1 character	B = DBMC A = ASF S = DSCF D = DDU H = Tran Hub R = ADC O = Origin T = Orig (T-Hub Sq) N = Not-determined. C = Origin SCF E = Origin DDU J = Origin ADC K = Origin BMC L = Origin ASF M = Dest AMF Q = Origin AMF I = IBMC (Int'l BMC, NJ)	Conditionally required if EntryPointEDPostalCode is populated	
EntryPointADLocaleKey	String, 9 characters		Conditionally required if EntryPointADPostalCode is populated	
EntryPointADPostalCode	String, 9 characters		Conditionally required if EntryPointADLocaleKey is populated	
ContainerGroupingDescription	String, 9 characters		Not required	
ParentContainerRefID	String, 6 characters		Not required	
TruckDispatchNumber	String, 10 characters		Not required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
StopDesignator	String, 2 characters		Not required	
ReservationNumber	String, 15 characters		Not required	
ContainerShipDate	Date/Time		Conditionally required if ContainerShipTime is populated	
ContainerShipTime	~~Time~~		Conditionally required if ContainerShipDate is populated	
ScheduledShipDate	Date/Time		Conditionally required if ScheduledShipTime is populated	
ScheduledShipTime	~~Time~~		Conditionally required if ScheduledShipDate is populated	
ActualContainerShipDate	Date/Time		Conditionally required if ActualContainerShipTime is populated	
ActualContainerShipTime	~~Time~~		Conditionally required if ActualContainerShipDate is populated	
ScheduledContainerPickupDate	Date/Time		Conditionally required if ScheduledContainerPickupTime is populated	
ScheduledContainerPickupTime	~~Time~~		Conditionally required if ScheduledContainerPickupDate is populated	
ActualContainerPickupDate	Date/Time		Conditionally required if ActualContainerPickupTime is populated	
ActualContainerPickupTime	~~Time~~		Conditionally required if ActualContainerPickupDate is populated	
ContainerAcceptanceDate	Date		Not required	
ScheduledInHomeDate	Date		Not required	
AdditionalInHomeRange	String, 1 character		Not required	
ScheduledInductionDate	Date/Time		Conditionally required if ScheduledInductionTime is populated	
ScheduledInductionTime	~~Time~~		Conditionally required if ScheduledInductionDate is populated	
ActualInductionDate	Date/Time		Conditionally required if ActualInductionTime is populated	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ActualInuctionTime	~~Time~~		Conditionally required if ActualInductionDate is populated	
PostageStatementMailingDate	Date/Time		Conditionally required if PostageStatementMailingTime is populated	104 – *See Appendix D*
PostageStatementMailingTime	~~Time~~		Conditionally required if PostageStatementMailingDate is populated	104 – *See Appendix D*
ContainerReadyToPayTransactionID	Number, 6 characters		Not required	
TransportationCarrierID	String, 15 characters		Not required	
IncludedInOtherDocumentation	String, 1 character	O = Original L = Linked	Not required	1 and 13 – *See Appendix D for detail*
CSATripID	String, 10 characters		Not required	
InternalDate	Date		Not required	
TotalWeight	Number, 5 characters		Not required	
UniqueContainerID	String, 12 characters		Not required	
ContainerStatus	String, 1 character	R = Ready to Pay X = Paid C = Cancel D = Delete P = Preliminary Postage Statement T = Transportation Information Update	Required	54 – *See Appendix D for detail* 60 – *See Appendix D for detail*
TransShipBoLNumber	String, 5 characters		Not required	
PostageGroupingID	String, 8 characters		Not required	
ContainerGrossWeight	String, 5 characters		Not required	
ContainerHeight	Number, 3 characters		Not required	
ContainerHeightSource	String, 1 character	A = Actual E = Estimated	Not required	
TransportDUNSNumber	String, 15 characters		Not required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
IMBarcode	String, 24 characters		Not required	56 – *See Appendix D for detail*
ContainerBarcode	String, 24 characters		Not required	3 – See Appendix D
UserInformationLine1	String, 40 characters		Not required	
UserInformationLine2	String, 40 characters		Not required	
FASTContentID	String, 9 characters		Not required	72 – See Appendix D
FASTSchedulerID	String, 12 characters		Not required	
USPSPickUp	String, 1 character	Y = Yes N = No	Not required	
SummaryRecordUpate Block ends				

~~MailDat~~ContainerUpdateResponse

Purpose

The ~~MailDat~~ContainerUpdateResonse will be used by USPS to notify the customer if their request to update a container originally submitted via Mail.dat has been accepted or rejected.

Business Rules

- Mail.dat Business Rules:
- Will accept if original container exists and valid values are passed in updated fields
- Will reject if original container does not exist or invalid values are passed in updated fields
- If accepted, container information returned will reflect updated values in PostalOne!
- If rejected, container information returned will reflect attempted updated values from the request
- Will reject if attempting to update the logical facility after payment has been received on a container
- Will only allow T status after an R or X
- Will reject if deleted containers are attempted to be re-used
  The ReturnInfo block will have a description for rejection
- Mail.XML Business Rules:
- Must be submitted after a mailing group has been opend and a Qualification reports exists
  Must only be used to update Transportation infomration for an existing Qualification report filed through Mail.XML
-
-

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailDatContainerUpdateAccept Block begins			Block received upon accepting request	
SummaryRecordUpate Block begins			Contains all information to be updated 1 to many can be submitted	
FullContainer ID Block begins			Contains orignal container identifiers Required Only one block can be submitted	
UserLicenseCode	String, 4 characters		Required field; must match the User License Code from the .hdr file in mail.dat	
MaildatJobID	String, 8 characters		Required field; must match the Job ID from the .csm file in mail.dat	
MailingGroupID	String, 25 characters		If Transportation update for Mail.XML, must provide MailingGroupID	
CustomerGroupID	Non-negative Integer		If Transportation update for Mail.XML, must provide CustomerGroupID	
ContainerID	String, 6 characters		Required field; must match the Container ID from the .csm file in mail.dat	
UniqueContainerBarcode	String, 24 characters		Not required (attribute)	3 See Appendix D
FullContainer ID Block ends				
~~EntryPointEDPostalCode~~	String, 6 characters		Conditionally required if EntryPointEDFacilityType is populated	

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~EntryPointEDFacilityType~~	String, 1 character	B = DBMC A = ASF S = DSCF D = DDU H = Tran Hub R = ADC O = Origin T = Orig (T-Hub Sq) N = Not-determined. C = Origin SCF E = Origin DDU J = Origin ADC K = Origin BMC L = Origin ASF M = Dest AMF Q = Origin AMF I = IBMC (Int'l BMC, NJ)	Conditionally required if EntryPointEDPostalCode is populated	
~~EntryPointADLocaleKey~~	String, 9 characters		Conditionally required if EntryPointADPostalCode is populated	
~~EntryPointADPostalCode~~	String, 9 characters		Conditionally required if EntryPointADLocaleKey is populated	
~~ContainerGroupingDescription~~	String, 9 characters		Not required	
~~ParentContainerRefID~~	String, 6 characters		Not required	
~~TruckDispatchNumber~~	String, 10 characters		Not required	
~~StopDesignator~~	String, 2 characters		Not required	
~~ReservationNumber~~	String, 15 characters		Not required	
~~ContainerShipDate~~	Date/Time		Conditionally required if ContainerShipTime is populated	
~~ContainerShipTime~~	~~Time~~		Conditionally required if ContainerShipDate is populated	

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~ScheduledShipDate~~	Date/Time		Conditionally required if ScheduledShipTime is populated	
~~ScheduledShipTime~~	~~Time~~		Conditionally required if ScheduledShipDate is populated	
~~ActualContainerShipDate~~	Date/Time		Conditionally required if ActualContainerShipTime is populated	
~~ActualContainerShipTime~~	~~Time~~		Conditionally required if ActualContainerShipDate is populated	
~~ScheduledContainerPickupDate~~	Date/Time		Conditionally required if ScheduledContainerPickupTime is populated	
~~ScheduledContainerPickupTime~~	~~Time~~		Conditionally required if ScheduledContainerPickupDate is populated	
~~ActualContainerPickupDate~~	Date/Time		Conditionally required if ActualContainerPickupTime is populated	
~~ActualContainerPickupTime~~	~~Time~~		Conditionally required if ActualContainerPickupDate is populated	
~~ContainerAcceptanceDate~~	Date		Not required	
~~ScheduledInHomeDate~~	Date		Not required	
~~AdditionalInHomeRange~~	String, 1 character		Not required	
~~ScheduledInductionDate~~	Date		Conditionally required if ScheduledInductionTime is populated	
~~ScheduledInductionTime~~	Time		Conditionally required if ScheduledInductionDate is populated	
~~ActualInductionDate~~	Date/Time		Conditionally required if ActualInductionTime is populated	
~~ActualInuctionTime~~	~~Time~~		Conditionally required if ActualInductionDate is populated	
~~PostageStatementMailingDate~~	Date/Time		Conditionally required if PostageStatementMailingTime is populated	104 – *See Appendix D*
~~PostageStatementMailingTime~~	~~Time~~		Conditionally required if PostageStatementMailingDate is populated	104 – *See Appendix D*

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~ContainerReadyToPayTransactionID~~	Number, 6 characters		Not required	
~~TransportationCarrierID~~	String, 15 characters		Not required	
~~IncludedInOtherDocumentation~~	String, 1 character	O = Original L = Linked	Not required	1 and 13 – *See Appendix D for detail*
~~CSATripID~~	String, 10 characters		Not required	
~~InternalDate~~	Date		Not required	
~~TotalWeight~~	Number, 5 characters		Not required	
~~UniqueContainerID~~	String, 12 characters		Not required	
~~ContainerStatus~~	String, 1 character	R = Ready to Pay X = Paid C = Cancel D = Delete P = Preliminary Postage Statement T = Transportation Information Update	Required	54 – *See Appendix D for detail* 57 – *See Appendix D for detail*
~~TransShipBoLNumber~~	String, 5 characters		Not required	
~~PostageGroupingID~~	String, 8 characters		Not required	
~~ContainerGrossWeight~~	String, 5 characters		Not required	
~~ContainerHeight~~	Number, 3 characters		Not required	
~~ContainerHeightSource~~	String, 1 character	A = Actual E = Estimated	Not required	
~~EMD8125ASNBarcode~~	~~String, 20 characters~~	-	~~Optional field~~	14 – *See Appendix D for detail*
~~TransportDUNSNumber~~	String, 15 characters		Not required	
~~IMBarcode~~	String, 24 characters		Not required	
~~ContainerBarcode~~	String, 24 characters		Not required	3 See Appendix D
~~UserInformationLine1~~	String, 40 characters		Not required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~UserInformationLine2~~	String, 40 characters		Not required	
~~FASTContentID~~	String, 9 characters		Not required	72 – See Appendix D
~~FASTSchedulerID~~	String, 12 characters		Not required	
~~USPSPickUp~~	String, 1 character	Y = Yes N = No	Not required	
~~SummaryRecordUpate Block ends~~				
ReturnInfo Block begins			Provides reason for return Not required Multiple pairings of ReturnCode and ReturnDescription can be provided in the block	
ReturnCode			Not required	
ReturnDescription	String, 260 characters		Required	
ReturnInfo Block ends				
~~MailDat~~ContainerUpdateAccept Block ends				
~~MailDat~~ContainerUpdateReject Block begins			Block received upon rejecting request	
SummaryRecordUpate Block begins			Contains all information to be updated 1 to many can be submitted	153 – See Appendix D
FullContainer ID Block begins			Contains orignal container identifiers Required Only one block can be submitted	
UserLicenseCode	String, 4 characters		Required (attribute)	
MaildatJobID	String, 8 characters		Required (attribute)	
DatabaseContainerID	String, 6 characters		Required (attribute)	
UniqueContainerBarcode	String, 24 characters		Not required (attribute)	3 – See Appendix D
FullContainer ID Block ends	-	-	-	-
~~EntryPointEDPostalCode~~	~~String, 6 characters~~	-	~~Conditionally required if EntryPointEDFacilityType is populated~~	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~EntryPointEDFacilityType~~	~~String, 1 character~~	~~B = DBMC~~ ~~A = ASF~~ ~~S = DSCF~~ ~~D = DDU~~ ~~H = Tran Hub~~ ~~R = ADC~~ ~~O = Origin~~ ~~T = Orig (T-Hub Sq)~~ ~~N = Not-determined~~ ~~C = Origin SCF~~ ~~E = Origin DDU~~ ~~J = Origin ADC~~ ~~K = Origin BMC~~ ~~L = Origin ASF~~ ~~M = Dest AMF~~ ~~Q = Origin AMF~~ ~~I = IBMC (Int'l BMC, NJ)~~	~~Conditionally required if EntryPointEDPostalCode is populated~~	-
~~EntryPointADLocaleKey~~	~~String, 9 characters~~	-	~~Conditionally required if EntryPointADPostalCode is populated~~	-
~~EntryPointADPostalCode~~	~~String, 9 characters~~	-	~~Conditionally required if EntryPointADLocaleKey is populated~~	-
~~ContainerGroupingDescription~~	~~String, 9 characters~~	-	~~Not required~~	-
~~ParentContainerRefID~~	~~String, 6 characters~~	-	~~Not required~~	-
~~TruckDispatchNumber~~	~~String, 10 characters~~	-	~~Not required~~	-
~~StopDesignator~~	~~String, 2 characters~~	-	~~Not required~~	-
~~ReservationNumber~~	~~String, 15 characters~~	-	~~Not required~~	-
~~ContainerShipDate~~	~~Date~~	-	~~Conditionally required if ContainerShipTime is populated~~	-
~~ContainerShipTime~~	~~Time~~	-	~~Conditionally required if ContainerShipDate is populated~~	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~ScheduledShipDate~~	~~Date~~	-	~~Conditionally required if ScheduledShipTime is populated~~	-
~~ScheduledShipTime~~	~~Time~~	-	~~Conditionally required if ScheduledShipDate is populated~~	-
~~ActualContainerShipDate~~	~~Date~~	-	~~Conditionally required if ActualContainerShipTime is populated~~	-
~~ActualContainerShipTime~~	~~Time~~	-	~~Conditionally required if ActualContainerShipDate is populated~~	-
~~ScheduledContainerPickupDate~~	~~Date~~	-	~~Conditionally required if ScheduledContainerPickupTime is populated~~	-
~~ScheduledContainerPickupTime~~	~~Time~~	-	~~Conditionally required if ScheduledContainerPickupDate is populated~~	-
~~ActualContainerPickupDate~~	~~Date~~	-	~~Conditionally required if ActualContainerPickupTime is populated~~	-
~~ActualContainerPickupTime~~	~~Time~~	-	~~Conditionally required if ActualContainerPickupDate is populated~~	-
~~ContainerAcceptanceDate~~	~~Date~~	-	~~Not required~~	-
~~ScheduledInHomeDate~~	~~Date~~	-	~~Not required~~	-
~~AdditionalInHomeRange~~	~~String, 1 character~~	-	~~Not required~~	-
~~ScheduledInductionDate~~	~~Date~~	-	~~Conditionally required if ScheduledInductionTime is populated~~	-
~~ScheduledInductionTime~~	~~Time~~	-	~~Conditionally required if ScheduledInductionDate is populated~~	-
~~ActualInductionDate~~	~~Date~~	-	~~Conditionally required if ActualInductionTime is populated~~	-
~~ActualInuctionTime~~	~~Time~~	-	~~Conditionally required if ActualInductionDate is populated~~	-
~~PostageStatementMailingDate~~	~~Date~~	-	~~Conditionally required if PostageStatementMailingTime is populated~~	~~104 – *See Appendix D*~~
~~PostageStatementMailingTime~~	~~Time~~	-	~~Conditionally required if PostageStatementMailingDate is populated~~	~~104 – *See Appendix D*~~

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~ContainerReadyToPayTransactionID~~	~~Number, 6 characters~~	-	~~Not required~~	-
~~TransportationCarrierID~~	~~String, 15 characters~~	-	~~Not required~~	-
~~IncludedInOtherDocumentation~~	~~String, 1 character~~	~~O = Original~~ ~~L = Linked~~	~~Not required~~	~~1 and 13 – See Appendix D~~
~~CSATripID~~	~~String, 10 characters~~	-	~~Not required~~	-
~~InternalDate~~	~~Date~~	-	~~Not required~~	-
~~TotalWeight~~	~~Number, 5 characters~~	-	~~Not required~~	-
~~UniqueContainerID~~	~~String, 12 characters~~	-	~~Not required~~	-
~~ContainerStatus~~	~~String, 1 character~~	~~R = Ready to Pay~~ ~~X = Paid~~ ~~C = Cancel~~ ~~D = Delete~~ ~~P = Preliminary Postage Statement~~ ~~T = Transportation Information Update~~	~~Required~~	~~54 – *See Appendix D for detail*~~ ~~60 – *See Appendix D for detail*~~
~~TransShipBoLNumber~~	~~String, 5 characters~~	-	~~Not required~~	-
~~PostageGroupingID~~	~~String, 8 characters~~	-	~~Not required~~	-
~~ContainerGrossWeight~~	~~String, 5 characters~~	-	~~Not required~~	-
~~ContainerHeight~~	~~Number, 3 characters~~	-	~~Not required~~	-
~~ContainerHeightSource~~	~~String, 1 character~~	~~A = Actual~~ ~~E = Estimated~~	~~Not required~~	~~14 – Removed the EMD8125A SNBarcode field that existed right after this field – See Appendix D~~
~~TransportDUNSNumber~~	~~String, 15 characters~~	-	~~Not required~~	-
~~IMBarcode~~	~~String, 24 characters~~	-	~~Not required~~	-
~~ContainerBarcode~~	~~String, 10 characters~~	-	~~Not required~~	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~UserInformationLine1~~	~~String, 40 characters~~	-	~~Not required~~	-
~~UserInformationLine2~~	~~String, 40 characters~~	-	~~Not required~~	-
~~FASTContentID ConsigneeID~~	~~String, 9 characters~~	-	~~Not required~~	~~72 – See Appendix D~~
~~FASTSchedulerID~~	~~String, 12 characters~~	-	~~Not required~~	-
~~USPSPickUp~~	~~String, 1 character~~	~~Y = Yes N = No~~	~~Not required~~	-
~~SummaryRecordUpate Block ends~~	-	-	-	-
ReturnInfo Block begins			Provides reason for return Required Multiple pairings of ReturnCode and ReturnDescription can be provided in the block	
ReturnCode			Not required	
ReturnDescription	String, 260 characters		Required	
ReturnInfo Block ends				
~~MailDat~~ContainerUpdateReject Block ends				

PostageStatementCreateRequest

Purpose

Allows the USPS customer to submit a 3600-series postage statement to a mailing group. This message allows the customer to submit either the basic-form or extended-form of the 3600-series postage statement, in order to accommodate either singular or multiple entries for each line item which allows the customer to submit non-identical piece weight mailings.

Business Rules

- Must be submitted after all mailpieces or piece ranges are submitted for a mailing group
- Postage statements must account for all or more mailpieces or piece ranges that have been submitted
- Postage adjustments will be expected for postage statements with wasted or spoiled pieces
- The 'Section' and 'Line Number' elements will be corrected if an error is made in submitting
- The PermitHolderforAPData block will be required for Postage Payment Method of 'S' or 'M'
- The FormType field cannot be 'PE' for a PostageStatementCreateRequest

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailXMLPostageStatementRequestHeaderInfo Block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID of the OpenMailingGroupResponse message	
MailingGroupID	Non-negative Integer		Required field; must be populated with the same value as the MailingGroupID of the OpenMailingGroupResponse message	
MailXMLPostageStatementRequestHeaderInfo Block ends				
SubmittingParty Block			Required block; Identifies the customer submitting the message	
SubmittingSoftware Block			Required block; Identifies the software submitting the message	
CreatePostageStatment Block begins			Required Only one can be submitted	
AgencyCostCode	Number, 5 characters		Optional field	
AutomationAddressMatchDate	Date & Time		Conditionally required for Automation rate pieces	
CustomerReferenceID	String, 40 characters		Optional field	
UserPostageStatementID	String, 10 characters		Optional field	
CarrierRouteAddressMatchDate	Date & Time		Conditionally required for Carrier Route rate pieces	

Field	Format	Acceptable Values	Business Rules	Errata Identified
CarrierRouteSequencingDate	Date & Time		Conditionally required for Carrier Route rate pieces	
CeritifcationData Block begins			Required	
ContactName	String, 40 characters		Required	
PhoneAreaCode	String, 3 characters		Required	
PhoneLast4	String, 4 characters		Required	
PhonePrefix	String, 3 characters		Required	
CeritifcationData Block ends				
ContainerCount Block begins			Required block; at least one of the fields in this block must be populated with a nonzero value	15 – *See Appendix D for detail*
OtherType	Non-negative Integer		Optional field; Required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
Pallets	Non-negative Integer		Optional field; Required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
Sacks	Non-negative Integer		Optional field; Required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
Trays1mm	Non-negative Integer		Optional field; Required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
Trays2emm	Non-negative Integer		Optional field; Required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Identified
Trays2mm	Non-negative Integer		Optional field; Required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
TraysFlat	Non-negative Integer		Optional field; Required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
ContainerCount Block ends				
EnclosedBy	String, 2 characters	SM = Standard Mail BP = Bound Printed Matter PE = Periodicals PP = Parcel Post ML = Media/Library Mail	Optional field If FormType is FC, this field must be SM, BP, PE, PP, or ML If FormType is SM, this field must be SM, BP, PE, PP, or ML	
DalPieces	Non-negative Integer		Optional field	
ExtendedForm	Boolean	0, 1	Required	
FormType	String, 2 characters	PM = Priority Mail FC = First-Class Mail SM = Standard Mail BP = Bound Printed Matter PP = Parcel Post ML = Media/Library Mail	Required	
~~FobID~~	~~String, 8 characters~~	-	~~Optional field~~	116 – *See Appendix D*
LineItemSummaryData Block begins			Optional field 0 to many can be submitted	
BarcodeRate	String, 1 character	Y = Yes N = No O = Other	Required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
EntryDiscount	String, 1 character	N = None B = DBMC S = DSCF D = DDU P = Inter-BMC Q = Intra-BMC A = DADC	Required field If FormType = BP, then this field must be N, B, S, or D If FormType = FC, then this field must be N If FormType = ML, then this field must be N If FormType = PE, then this field must be N, B, S, D, A If FormType = PM, then this field must be N If FormType = PP, then this field must be B, S, D, P, Q, or A If FormType = SM, then this field must be N, B, S, or D	
LineLabel	String, 80 characters		Optional field	
LineNumber	String, 3 characters		Optional field	
PiecePostage	Decimal		Optional field	
PieceRate	Decimal		Optional field	
PostageAmount	Decimal		Required	
PoundPostage	Decimal		Optional field	
PoundRate	Decimal		Optional field	
PreparedAsSM	Boolean	0, 1	Required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
RateCategory	String, 2 characters	A = Saturation ECR AF = Standard Mail Saturation ECR Letter Paid As Flat B = High Density ECR BF = Standard Mail High Density ECR Letter Paid As Flat D = Basic ECR (Carrier Route) DF = Standard Mail Basic ECR Letter Paid As Flat E = 5-Digit Automation (5-Digit Barcode) FB = Firm Bundle Outside County G = 5-Digit Non Barcode(Auto) GF = 5-Digit Non Barcode (Auto) Letter Paid As Flat H = 3-Digit Automation (3-Digit Barcode) K = 3-Digit Non Barcode(Auto) KF = 3-Digit Non Barcode (Auto) Letter Paid As Flat L = Basic Automation (Basic Barcode) L1 = AADC Barcode L2 = Mixed AADC Barcode L3 = ADC	Required field If FormType = BP, then this field must be D, N, or S If FormType = FC, then this field must be E, H, L1, L2, L3, L4, N, or S If FormType = ML, then this field must be G, N, S If FormType = PE, then this field must be A, B, D, E, G, H, K, L, L2, L3, L5, L6, or FB If FormType = PM, then this field must be S If FormType = PP, then this field must be G, K, S, Z1, or Z2 If FormType = SM, then this field must be A, B, E, H, N, AF, BF, DF, L1, L2, L5, L6, L7, L8, NG, NK, N5, N6, PI, PM, P7, P8, PE, PQ, PR, PG, PK, P5, or P6	16 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Identified
Section	String, 1 character		Optional field	
SurchargeType	String, 1 character	2 = Oversized Surcharge A = First-Class Mail Parcel Surcharge D = Dimensional Rate N = Not Oversized P = Balloon Surcharge	Required If FormType = BP, this field must be N If FormType = FC, this field must be A, E, N, or R If FormType = ML, this field must be N If FormType = PM, this field must be D, E, N, or P If FormType = PP, this field must be 2 or N If FormType = SM, this field must be L or N	58 – *See Appendix D for detail. Need further review for E, A, P values for FC and need for form type PE*
TotalPieces	Non-negative Integer		Required	
TotalWeight	Decimal		Optional field	

Field	Format	Acceptable Values	Business Rules	Errata Identified
WeightBreakType	String, 1 character	A = For Standard Mail non-Letters, piece weight is over 0.2063 lbs. For First-Class Mail Permit Reply, piece weight is over 0.0625 lbs. B = For Standard Mail, piece weight is 0.2063 lbs or less. For First-Class Mail Permit Reply, piece weight is 0.0625 lbs or less. H = For Standard Mail Letters, piece weight is over 0.2063 lbs. N = None	Optional field If FormType is BP this field must be N. If FormType is FC this field must be A, B or N. If FormType is ML this field must be N. If FormType is PM this field must be N. If FormType is PP this field must be N. If FormType is SM this field must be A, B or H.	Need further review for the value of H for form type SM
Zone	String, 3 characters	N = None LC = Local 1 = Zone 1 & 2 3 = Zone 3 4 = Zone 4 5 = Zone 5 6 = Zone 6 7 = Zone 7 8 = Zone 8	Optional field If FormType is BP, this field must be N, 1, 3, 4, 5, 6, 7, or 8 If FormType is FC, this field must be N If FormType is ML, this field must be N If FormType is PM, this field must be N, 1, 3, 4, 5, 6, 7, or 8 If FormType is SM, this field must be N	

Field	Format	Acceptable Values	Business Rules	Errata Identified
FlatRateIndicator	String, 1 character	B = Box - Priority Mail flat rate only E = Envelope – Priority Mail flat rate only L = Box – Large – Priority Mail flat rate only M = Box – Large, to military destination – Priority Mail flat rate only S = Small Priority Mail flat rate box	Optional field If Form Type is PM this field must be B, E, L or M or S.	117 – See Appendix D SM27
ProcessingCategory	String, 2 characters	LT = Letter FL = Flat CD = Card OS = Oversized Parcel MP = Machinable Parcel IR = Irregular Parcel PF = Parcel, First Class CM = Custom Mail NA = NFM with pc weights less than 6 oz NB = NFM with pc weights greater than or equal to 6 oz NP = Non Machinable Parcels	Required field If FormType = BP, then the following values are valid: FL, NP, MP, IR If FormType = FC, then the following values are valid: LT, FL, CD, PF If FormType = ML, then the following values are valid: FL, NP, MP, IR If FormType = PM, then the following values are valid: LT, FL, PF If FormType = PP, then the following values are valid: MP, IR, NP If FormType = SM, then the following values are valid: LT, FL, MP, IR, NP, CM, NA, NB	17 – *See Appendix D for detail* 37 – *See Appendix D for detail.* *Also, need to rereview all of these business rules*
LineItemSummaryData Block ends				

Field	Format	Acceptable Values	Business Rules	Errata Identified
PostageStatementLineItemData Block begins			Optional field 0 to many can be submitted	
FullServiceParticipationIndicator	String, 1 character	F = Full Service M = Mixed	Not Required	
BarcodeRate	String, 1 character	Y = Yes N = No O = Other	Required If FormType = BP, this field must be Y or N If FormType = FC, this field must be N or O If FormType = ML, this field must be Y or N If FormType = PM, this field must be N or O If FormType = PP, this field must be Y or N If FormType = SM, this field must be Y, N, or O	Need to rereview to see if only Y,N and O shall be used and we shall revert back to old values of Y, N and O and ignore new 09-1 values.
ContainerDisplayName	String, 50 characters		Optional field	
ContainerID	String, 6 characters		Optional field	

Field	Format	Acceptable Values	Business Rules	Errata Identified
EntryDiscount	String, 1 character	N = None B = DBMC S = DSCF D = DDU P = Inter-BMC Q = Intra-BMC A = DADC	Required field If FormType = BP, then this field must be N, B, S, or D If FormType = FC, then this field must be N If FormType = ML, then this field must be N If FormType = PM, then this field must be N If FormType = PP, then this field must be B, S, D, P, Q, or A If FormType = SM, then this field must be N, B, S, or D	
EntryFacilityType	String, 1 character	O = Origin B = BMC S = SCF D = DDU A = ADC ~~P - Can~~ ~~Q - Origin AMF~~	Optional field	Rereview
EntryZip	Number, 5 characters		Optional field	
Heavy Letter	Boolean	0, 1	Required	
LineLabel	String, 80 characters		Optional field	
LineNumber	String, 3 characters		Optional field	
PieceRate	Decimal		Optional field	
PostageAmount	Decimal		Optional field	
PoundRate	Decimal		Optional field	
PreparedAsSM	Boolean		Required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
RateCategory	String, 2 characters	A = Saturation ECR AF = Standard Mail Saturation ECR Letter Paid As Flat B = High Density ECR BF = Standard Mail High Density ECR Letter Paid As Flat D = Basic ECR (Carrier Route) DF = Standard Mail Basic ECR Letter Paid As Flat E = 5-Digit Automation (5-Digit Barcode) FB = Firm Bundle Outside County G = 5-Digit Non Barcode(Auto) GF = 5-Digit Non Barcode (Auto) Letter Paid As Flat H = 3-Digit Automation (3-Digit Barcode) K = 3-Digit Non Barcode(Auto) KF = 3-Digit Non Barcode (Auto) Letter Paid As Flat L = Basic Automation (Basic Barcode) L1 = AADC Barcode L2 = Mixed AADC Barcode L3 = ADC	Required field If FormType = BP, then this field must be D, N, or S If FormType = FC, then this field must be E, H, L1, L2, L3, L4, N, or S If FormType = ML, then this field must be G, N, S If FormType = PE, then this field must be A, B, D, E, G, H, K, L, L2, L3, L5, L6, or FB If FormType = PM, then this field must be S If FormType = PP, then this field must be G, K, S, Z1, or Z2 If FormType = SM, then this field must be A, B, E, H, N, AF, BF, DF, L1, L2, L5, L6, L7, L8, NG, NK, N5, N6, PI, PM, P7, P8, PE, PQ, PR, PG, PK, P5, or P6	16 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Identified
Section	String, 1 character		Optional field	
SinglePieceWeight	Decimal		~~Required~~ Optional	130 – See Appendix D
SurchargeType	String, 1 character	2 = Oversized Surcharge A = First-Class Mail Parcel Surcharge D = Dimensional Rate	Required If FormType = BP, this field must be N If FormType = FC, this field must be A, E, N, or R If FormType = ML, this field must be N If FormType = PM, this field must be D, E, N, or P If FormType = PP, this field must be 2 or N If FormType = SM, this field must be L or N	Value of 2 and the business rules require rereview
TotalPieces	Non-negative Integer		Required	
TotalWeight	Decimal		Optional field	
Zone	String, 3 characters	N = None LC = Local 1 = Zone 1 & 2 3 = Zone 3 4 = Zone 4 5 = Zone 5 6 = Zone 6 7 = Zone 7 8 = Zone 8	Optional field	
VersionID	String, 10 characters		Optional field	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ContainerType	String, 1 character	1 = #1 Sack 2 = #2 Sack 3 = #3 Sack 4 = 01V Sack 5 = 03V Sack E = EMM Tray F = Flat Tub L = Logical Tray O = 1' Tray P = Pall S = Sack (general) T = 2' Tray V = Virtual Sack B = Bedload U = Unit Load Device Z = User Pallet W = Walled Unit X = Other	Optional field	
FlatRateIndicator	String, 1 character	B = Box - Priority Mail flat rate only E = Envelope – Priority Mail flat rate only L = Box – Large – Priority Mail flat rate only M = Box – Large, to military destination – Priority Mail flat rate only S = Small Priority Mail flat rate box	Optional field	117 – See Appendix D SM27
SinglePieceDimensionalWeight	Decimal		Required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ProcessingCategory	String, 2 characters	LT = Letter FL = Flat CD = Card OS = Oversized Parcel MP = Machinable Parcel IR = Irregular Parcel PF = Parcel, First Class CM = Custom Mail NA = NFM with pc weights less than 6 oz NB = NFM with pc weights greater than or equal to 6 oz NP = Non Machinable Parcels	Required field If FormType = BP, then the following values are valid: FL, NP, MP, IR If FormType = FC, then the following values are valid: LT, FL, CD, PF If FormType = ML, then the following values are valid: FL, NP, MP, IR If FormType = PM, then the following values are valid: LT, FL, PF If FormType = PP, then the following values are valid: MP, IR, NP If FormType = SM, then the following values are valid: LT, FL, MP, IR, NP, CM, NA, NB	17 – *See Appendix D for detail* 37 – *See Appendix D for detail*
FullServiceParticipationIndicator	String, 1 character	F = Full Service M = Mixed	Not Required	45 – *See Appendix D for detail*
ServiceLevelIndicator	String, 1 character	F = Full Service B = Basic P = POSTNET O = Other	Required	66– *See Appendix D for detail*
PostageStatementLineItemData Block ends				
PostageStatementMailingDate	Date & Time		Required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
PackagingMethod	String, 1 character	0 = Piece Count 1 = Weight 2 = Both	Optional field If FormType is BP this field must be 0, 1 or 2. If FormType is FC this field must be 0 or 1. If FormType is ML this field must be 0, 1 or 2. If FormType is SM this field must be 0, 1 or 2.	
~~PostOfficeOfMailingZip~~	~~String, 5 characters~~	-	~~Optional field~~	157 – See Appendix
PostageAffixedAmount	Decimal		Optional (Conditionally required if the Postage Payment Method is 'M' or 'S')	56 – *See Appendix D for detail*
PostagePaymentMethod	String, 1 character	S = Precancelled Stamps M = Metered P = Permit	Required If FormType is BP this field must be S, M or P. If FormType is FC this field must be S, M or P. If FormType is ML this field must be M or P. If FormType is PM this field must be P. If FormType is PP this field must be S, M or P. If FormType is SM this field must be S, M or P.	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ProcessingCategory	String, 2 characters	LT = Letter FL = Flat CD = Card OS = Oversized Parcel MP = Machinable Parcel IR = Irregular Parcel PF = Parcel, First Class CM = Custom Mail NA = NFM with pc weights less than 6 oz NB = NFM with pc weights greater than or equal to 6 oz NP = Non Machinable Parcels	Required field If FormType = BP, then the following values are valid: FL, NP, MP, IR If FormType = FC, then the following values are valid: LT, FL, CD, PF If FormType = ML, then the following values are valid: FL, NP, MP, IR If FormType = PM, then the following values are valid: LT, FL, PF If FormType = PP, then the following values are valid: MP, IR, NP If FormType = SM, then the following values are valid: LT, FL, MP, IR, NP, CM, NA, NB	17 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Identified
RateType	String, 1 character	R = Regular N = Nonprofit S = Science of Agriculture C = Classroom B = Bound Printed Matter T = Priority Mail P = Parcel Post L = Library Mail F = Media Mail B = Bound Printed Mail E, G, J, K, O = Priority Mail Flat Rate Box W & Y = Limited Circulation, Regular & Science of Agriculture	Required field	18 – *See Appendix D for detail*
RegisterOfMailing	Boolean	0 = False 1 = True	Required	
SackingBasis	String, 1 character	0 = Piece Count 1 = 20 lbs. 2 = 125 pieces 3 = 15 lbs. 4 = Both	Optional field If FormType is SM this field must be 0, 1, 2, 3, or 4	
SinglePieceWeight	Decimal		Required	
ExtraServiceData Block begins			Optional field 0 to many can be submitted	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ServiceCode	String, 3 characters	CM = Certified Mail COD = Collect on Delivery COM = Certificate of Mailing DC = Delivery Confirmation IM = Insured Mail PAL = Parcel Airlift RD = Restricted Delivery RM = Registered Mail RR = Return Receipt RRE = Return Receipt Electronic RRM = Return Receipt for Merchandise SC = Signature Confirmation SH = Special Handling	Required	
ServiceRate	Decimal		Optional field	
ServiceSubCode	String, 1 character	N = None or Not Bulk E = Electronic R = Retail or Registered T = Requested at Time of Mailing B = Bulk	Required	
ServiceValue	Decimal		Required	
TotalAmount	Decimal		Optional field	
TotalPieces	Non-negative Integer		Required	
ExtraServiceData Block ends				

Field	Format	Acceptable Values	Business Rules	Errata Identified
ExtraServiceSummaryData Block begins			Optional field 0 to many can be submitted	
LineLabel	String, 80 characters		Optional field	
LineNumber	String, 3 characters		Optional field	
Section	String, 1 character		Optional field	
ServiceCode	String, 3 characters	CM = Certified Mail COD = Collect on Delivery COM = Certificate of Mailing DC = Delivery Confirmation IM = Insured Mail PAL = Parcel Airlift RD = Restricted Delivery RM = Registered Mail RR = Return Receipt RRE = Return Receipt Electronic RRM = Return Receipt for Merchandise SC = Signature Confirmation SH = Special Handling	Required	
TotalAmount	Decimal		Required	
TotalPieces	Non-negative Integer		Required	
ExtraServiceSummaryData ends				
StatementSequenceNumber	String, 20 characters		Optional field	
RepositionableNotesIndicator	Boolean		Required	
DocumentVersionData Block begins			Optional field 0 to many can be submitted	

Field	Format	Acceptable Values	Business Rules	Errata Identified
VersionID	String, 10 characters		Required	SM21
VersionName	String, 12 characters		Required	SM21
VersionDescription	String, 30 characters		Optional field	SM21
PieceWeight	Decimal		Required	
AdPercent	Number, 5 characters	0.00 - 100.00	Optional field	Errata 91
RateAffixed	Decimal		Required	158 – See Appendix D
DocumentVersionData Block ends				
MeteredAffixedMethod	String, 1 character	C = Metered - Correct L = Metered - Lowest M = Metered - Neither	Optional field	
CombinedMailingID	Non-negative Integer		Optional field; Required for Combined Mailings	
SinglePieceDimensionalWeight	Decimal		Optional field	
EnclosingVolumeNo	String, 5 characters		Optional field	
EnclosingIssueNo	String, 6 characters		Optional field	
EnclosingIssueDate	Date & Time		Optional field	
PriceType	String	commercial, commercialplus	Optional field Should always assume it is commercial unless otherwise identified.	138 – See Appendix D, SM39

Field	Format	Acceptable Values	Business Rules	Errata Identified
MoveUpdateMethod	String, 4 characters	0 = None 1 = ACS Link 2 = NCOA 3 = FAST Forward 4 = Mailer Move Update Process 5 = Ancillary Service Endorsements 6 = Multiple 7 = n/a Alternative Address Format 8 = OneCode ACS	Optional field If FormType is FC this field must be ASE, ACS, ALT, FASWT, MULT or NCOA. If FormType is PM this field must be ASE, ACS, ALT, FASWT, MULT or NCOA.	5 – *See Appendix D for detail*
PermitHolderData Block begins			Required	
MID Block begins			Optional field	
MID6	String, 6 characters		Conditionally required if MID9 is not submitted	
MID9	String, 9 characters		Conditionally required if MID6 is not submitted	
MID Block ends				
ContactName	String, 60 characters		Required	
PermitPublicationData Block begins			Required	
PermitNumber	String, 8 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	

Field	Format	Acceptable Values	Business Rules	Errata Identified
PermitType	String, 2 characters	PI = Permit Imprint MT = Meterd Tape PC = Precanceled Stamps BR = Business Reply PE = Periodicals GH = Ghost OI = Official Imprint OM = Official Metered	Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*
PermitZip4	String, 9 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109, 110 – *See Appendix D*
PublicationNumber	String, 9 characters		Optional field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	
NonprofitAuthorizationNumber	String, 10 characters		Conditionally required if FormType is Standard Mail (SM) and RateType is Nonprofit (N)	53 – *See Appendix D for detail*
PermitPublicationData Block ends				
PermitHolderData Block ends				
MailingOwnerData Block begins			Optional field	
MID Block begins			Optional field	
MID6	String, 6 characters		Conditionally required if MID9 is not submitted	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MID9	String, 9 characters		Conditionally required if MID6 is not submitted	
MID Block ends				
ContactName	String, 60 characters		Required	
PermitPublicationData Block begins			Required	
PermitNumber	String, 8 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	
PermitType	String, 2 characters	PI = Permit Imprint MT = Meterd Tape PC = Precanceled Stamps BR = Business Reply PE = Periodicals GH = Ghost OI = Official Imprint OM = Official Metered	Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*
PermitZip4	String, 9 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109, 110 – *See Appendix D*
PublicationNumber	String, 9 characters		Optional field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	

Field	Format	Acceptable Values	Business Rules	Errata Identified
PermitPublicationData Block ends				
MailingOwnerData Block ends				
MailingAgentData Block begins			Optional field	
MID Block begins			Optional field	
MID6	String, 6 characters		Conditionally required if MID9 is not submitted	
MID9	String, 9 characters		Conditionally required if MID6 is not submitted	
MID Block ends				
ContactName	String, 60 characters		Required	
PermitPublicationData Block begins			Required	
PermitNumber	String, 8 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	
PermitType	String, 2 characters	PI = Permit Imprint MT = Meterd Tape PC = Precanceled Stamps BR = Business Reply PE = Periodicals GH = Ghost OI = Official Imprint OM = Official Metered	Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*
PermitZip4	String, 9 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109, 110 – *See Appendix D*

Field	Format	Acceptable Values	Business Rules	Errata Identified
PublicationNumber	String, 9 characters		Optional field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	
PermitPublicationData Block ends				
MailingAgentData Block ends				
PermitHolderForAPData Block begins			Conditionally required for Postage Payment Method of 'S' or 'M'	
MID Block begins			Optional field	
MID6	String, 6 characters		Conditionally required if MID9 is not submitted	
MID9	String, 9 characters		Conditionally required if MID6 is not submitted	
MID Block ends				
ContactName	String, 60 characters		Required	
PermitPublicationData Block begins			Required	
PermitNumber	String, 8 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	

Field	Format	Acceptable Values	Business Rules	Errata Identified
PermitType	String, 2 characters	PI = Permit Imprint MT = Meterd Tape PC = Precanceled Stamps BR = Business Reply PE = Periodicals GH = Ghost OI = Official Imprint OM = Official Metered	Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*
PermitZip4	String, 9 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109, 110 – *See Appendix D*
PublicationNumber	String, 9 characters		Optional field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	
PermitPublicationData Block ends				
PermitHolderForAPData Block ends				

PostageStatementCreateResponse

Purpose

The PostageStatementCreateResponse will be used by USPS to notify the customer if their request to submit a 3600-series postage statement to a mailing group has been accepted or rejected.

Business Rules

- Will accept if all required fields are provided and values are valid
- Will reject if a required field is not provided
- Will reject if a value provided is invalid
- Will reject if not all pieces are accounted for from submitted mailpieces or piece ranges
- Will reject if FormType is 'PE' for Periodicals

- Will reject if PostagePaymentMethod is 'S' or 'M' and PermitHolderForAPData Block is not provided
- The ReturnInfo block will have a description for rejection

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
PostageStatementCreateAccept Block begins			Either StatementID, UserPostageStatementID, TotalPostage, TotalPostageDue and ReturnInfo Block group or TrackingID and ReturnInfo Block group is submitted in the PostageStatementCreateAccept Block	
MailXMLPostageStatementResponse HeaderInfo block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID in the MailXMLPostageStatementRequestHeaderInfo block of the PostageStatementCreateRequest message	
MailingGroupID	Non-negative Integer		Required field; must be populated with the same value as the MailingGroupID in the MailXMLPostageStatementRequestHeaderInfo block of the PostageStatementCreateRequest message	

Field	Format	Acceptable Values	Business Rules	Errata Identified
Status		Accepted, Amended, Cancelled, Counterprosa l, New, No Action, Original, Partially Accepted, Pending, Rejected, Replaced	Not required (attribute)	
MailXMLPostageStatementResponse HeaderInfo block ends				
StatementID	Non-negative Integer		Required field; paired with UserPostageSt atementID, TotalPostage, TotalPostageD ue, and ReturnInfo block	
UserPostageStatementID	String, 10 characters		Optional field; paired with StatementID, TotalPostage, TotalPostageD ue, and ReturnInfo block	
TotalPostage	Decimal		Required field; paired with StatementID, UserPostageSt atementID, TotalPostageD ue, and ReturnInfo block	
TotalPostageDue	Decimal		Required field; paired with StatementID, UserPostageSt atementID, TotalPostage and ReturnInfo block	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ReturnInfo Block begins			Optional block; paired with StatementID, UserPostageStatementID, TotalPostage, and TotalPostageDue	
ReturnCode	String, 4 characters		Not required	
ReturnDescription	String, 260 characters		Required	
ReturnInfo Block ends				
~~TrackingID~~	~~String, 12 characters~~	-	~~Required field; paired with ReturnInfo block in the PostageStatementCreateAccept block~~	140 – See Appendix D
ReturnInfo Block begins			Optional block; paired with TrackingID field in the PeriodicalStatementCreateAccept block	
ReturnCode	String, 4 characters		Not required	
ReturnDescription	String, 260 characters		Required	
ReturnInfo Block ends				
PostageStatementCreateAccept Block ends				
PostageStatementCreateReject Block begins			Response from USPS indicating that the PostageStatementCreateRequest message was rejected and a Postage Statement was not created and the reason why	

Field	Format	Acceptable Values	Business Rules	Errata Identified
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID in the MailXMLPostageStatementRequestHeaderInfo block of the PostageStatementCreateRequest message	
MailingGroupID	Non-negative Integer		Required field; must be populated with the same value as the MailingGroupID in the MailXMLPostageStatementRequestHeaderInfo block of the PostageStatementCreateRequest message	
ReturnInfo Block begins			Provides reason for return Required Multiple pairings of ReturnCode and ReturnDescription can be provided in the block	
ReturnCode	String, 4 characters		Not required	
ReturnDescription	String, 260 characters		Required	
ReturnInfo Block begins				
PostageStatementCreateReject Block ends				

PostageStatementQueryRequest

Purpose

Allows the USPS customer to retrieve a 3600-series postage statement.

Business Rules

- Must be submitted after a postage statement has been created

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailXMLPostageStatementRequestHeaderInfo Block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID in the MailXMLPostageStatementRequestHeaderInfo block of the PostageStatementCreateRequest message	
MailingGroupID	Non-negative Integer		Required field; must be populated with the same value as the MailingGroupID in the MailXMLPostageStatementRequestHeaderInfo block of the PostageStatementCreateRequest message	
MailXMLPostageStatementRequestHeaderInfo Block ends				
SubmittingParty Block			Required block; Identifies the customer submitting the message	
SubmittingSoftware Block			Required block; Identifies the software submitting the message	
Choice Block Begin				139 – See Appendix D
StatementID	Non-negative Integer		Conditionally required if the TrackingID is not provided	

TrackingID	String, 12 characters		Conditionally required if the StatementID is not provided	140 – See Appendix D
IncludeChildStatement	Boolean	Yes or No	Required	167 – See Appendix D
Choice Block Ends				

PostageStatementQueryResponse

Purpose

Accept or reject a request to create a combined mailing

Business Rules

- Will accept if PostageStatementID or TrackingID exists
- Will reject if PostageStatementID or TrackingID does not exist
- The ReturnInfo block will have a description for a Query Error

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailXMLPostageStatementResponse HeaderInfo Block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID in the MailXMLPostageStatementRequestHeaderInfo block of the PostageStatementCreateRequest message	
MailingGroupID	Non-negative Integer		Required field; must be populated with the same value as the MailingGroupID in the MailXMLPostageStatementRequestHeaderInfo block of the PostageStatementCreateRequest message	

Field	Format	Acceptable Values	Business Rules	Errata Identified
Status		Accepted, Amended, Cancelled, Counterprosa l, New, No Action, Original, Partially Accepted, Pending, Rejected, Replaced	Not required (attribute)	
MailXMLPostageStatementResponse HeaderInfo Block ends				
QueryResults Block begins				
PostageStatementData Block begins				
AgencyCostCode	Number, 5 characters		Not required	
AutomationAddressMatchDate	Date & Time		Optional field; required for automation rate pieces	
CustomerReferenceID	String, 40 characters		Not required	
UserPostageStatementID	String, 10 characters		Not required	
CarrierRouteAddressMatchDate	Date & Time		Optional field; required for Carrier Route rate pieces	
CarrierRouteSequencingDate	Date & Time		Optional field; required for Carrier Route rate pieces	
CeritifcationData Block begins			Required	
ContactName	String, 40 characters		Required	
PhoneAreaCode	String, 3 characters		Required	
PhoneLast4	String, 4 characters		Required	
PhonePrefix	String, 3 characters		Required	
CeritifcationData Block ends				
ContainerCount Block begins			Required block; at least one of the fields in this block must be populated with a nonzero value	15 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Identified
OtherType	Non-negative Integer		Optional field; Required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
Pallets	Non-negative Integer		Optional field; Required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
Sacks	Non-negative Integer		Optional field; Required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
Trays1mm	Non-negative Integer		Optional field; Required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
Trays2emm	Non-negative Integer		Optional field; Required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
Trays2mm	Non-negative Integer		Optional field; Required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
TraysFlat	Non-negative Integer		Optional field; Required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
ContainerCount Block ends			Optional field; Required if no other fields are populated with a nonzero value	

Field	Format	Acceptable Values	Business Rules	Errata Identified
EnclosedBy	String, 2 characters	SM = Standard Mail BP = Bound Printed Matter PE = Periodicals PP = Parcel Post ML = Media/Library Mail	Not required	
DalPieces	Non-negative Integer		Not required	
ExtendedForm	Boolean	0, 1	Required	
FormType	String, 2 characters	PM = Priority Mail FC = First-Class Mail SM = Standard Mail BP = Bound Printed Matter PE = Periodicals PP = Parcel Post ML = Media/Library Mail	Required	
FobID	String, 8 characters		Not required	
LineItemSummaryData Block begins			Not required 0 to many can be submitted	
BarcodeRate	String, 1 character	Y = Yes N = No O = Other	Required	
EntryDiscount	String, 1 character	N = None B = DBMC S = DSCF D = DDU P = Inter-BMC Q = Intra-BMC A = DADC	Required	
LineLabel	String, 80 characters		Not required	
LineNumber	String, 3 characters		Not required	
PiecePostage	Decimal		Not required	
PieceRate	Decimal		Not required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
PostageAmount	Decimal		Required	
PoundPostage	Decimal		Not required	
PoundRate	Decimal		Not required	
PreparedAsSM	Boolean	0, 1	Required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
RateCategory	String, 2 characters	A = Saturation ECR AF = Standard Mail Saturation ECR Letter Paid As Flat B = High Density ECR BF = Standard Mail High Density ECR Letter Paid As Flat D = Basic ECR (Carrier Route) DF = Standard Mail Basic ECR Letter Paid As Flat E = 5-Digit Automation (5-Digit Barcode) FB = Firm Bundle Outside County G = 5-Digit Non Barcode(Auto) GF = 5-Digit Non Barcode (Auto) Letter Paid As Flat H = 3-Digit Automation (3-Digit Barcode) K = 3-Digit Non Barcode(Auto) KF = 3-Digit Non Barcode (Auto) Letter Paid As Flat L = Basic Automation (Basic Barcode) L1 = AADC Barcode L2 = Mixed AADC Barcode L3 = ADC	Required	16 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Identified
Section	String, 1 character		Not required	
SurchargeType	String, 1 character	2 = Oversized Surcharge A = First-Class Mail Parcel Surcharge D = Dimensional Rate N = Not Oversized P = Balloon Surcharge	Required	58 – *See Appendix D for detail*
TotalPieces	Non-negative Integer		Required	
TotalWeight	Decimal		Not required	
WeightBreakType	String, 1 character	A = For Standard Mail non-Letters, piece weight is over 0.2063 lbs. For First-Class Mail Permit Reply, piece weight is over 0.0625 lbs. B = For Standard Mail, piece weight is 0.2063 lbs or less. For First-Class Mail Permit Reply, piece weight is 0.0625 lbs or less. H = For Standard Mail Letters, piece weight is over 0.2063 lbs. N = None	Not required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
Zone	String, 3 characters	N = None LC = Local 1 = Zone 1 & 2 3 = Zone 3 4 = Zone 4 5 = Zone 5 6 = Zone 6 7 = Zone 7 8 = Zone 8	Not required	
FlatRateIndicator	String, 1 character	B = Box - Priority Mail flat rate only E = Envelope – Priority Mail flat rate only L = Box – Large – Priority Mail flat rate only M = Box – Large, to military destination – Priority Mail flat rate only	Not required	117 – *See Appendix D SM27*
~~ProcessingCategory~~	~~String, 2 characters~~	~~LT = Letters~~ ~~FL = Flats~~ ~~CD = Cards~~ ~~OS =~~ ~~MP = Machinable Parcels~~ ~~IR = Irregular Parcels~~ ~~PF = Parcel, First-Class~~ ~~CM = Custom Market Mail~~ ~~NP =~~ ~~NA =~~ ~~NB =~~	~~Required~~	~~17 – *See Appendix D for detail*~~

Field	Format	Acceptable Values	Business Rules	Errata Identified
ProcessingCategory	String, 2 characters	LT = Letter FL = Flat CD = Card OS = Oversized Parcel MP = Machinable Parcel IR = Irregular Parcel PF = Parcel, First Class CM = Custom Mail NA = NFM with pc weights less than 6 oz NB = NFM with pc weights greater than or equal to 6 oz NP = Non Machinable Parcels	Required	17 – *See Appendix D for detail* 37 – *See Appendix D for detail*
LineItemSummaryData Block ends				
PostageStatementLineItemData Block begins			Not required 0 to many can be submitted	
FullServiceParticipationIndicator	String, 1 character	F = Full Service M = Mixed	Not Required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ProcessingCategory		LT = Letter FL = Flat CD = Card OS = Oversized Parcel MP = Machinable Parcel IR = Irregular Parcel PF = Parcel, First Class CM = Custom Mail NA = NFM with pc weights less than 6 oz NB = NFM with pc weights greater than or equal to 6 oz NP = Non Machinable Parcels	Optional	SM11
BarcodeRate	String, 1 character	Y = Yes N = No O = Other	Required	
ContainerDisplayName	String, 50 characters		Not required	
ContainerID	String, 6 characters		Not required	
EntryDiscount	String, 1 character	N = None B = DBMC S = DSCF D = DDU P = Inter-BMC Q = Intra-BMC A = DADC	Required	
EntryFacilityType	String, 1 character	O = Origin B = BMC S = SCF D = DDU	Not required	
EntryZip	Number, 5 characters		Not required	
Heavy Letter	Boolean	0, 1	Required	
LineLabel	String, 80 characters		Not required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
LineNumber	String, 3 characters		Not required	
PieceRate	Decimal		Not required	
PostageAmount	Decimal		Not required	
PoundRate	Decimal		Not required	
PreparedAsSM	Boolean		Required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
RateCategory	String, 2 characters	A = Saturation ECR AF = Standard Mail Saturation ECR Letter Paid As Flat B = High Density ECR BF = Standard Mail High Density ECR Letter Paid As Flat D = Basic ECR (Carrier Route) DF = Standard Mail Basic ECR Letter Paid As Flat E = 5-Digit Automation (5-Digit Barcode) FB = Firm Bundle Outside County G = 5-Digit Non Barcode(Auto) GF = 5-Digit Non Barcode (Auto) Letter Paid As Flat H = 3-Digit Automation (3-Digit Barcode) K = 3-Digit Non Barcode(Auto) KF = 3-Digit Non Barcode (Auto) Letter Paid As Flat L = Basic Automation (Basic Barcode) L1 = AADC Barcode L2 = Mixed AADC Barcode L3 = ADC	Required	16 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Identified
Section	String, 1 character		Not required	
SinglePieceWeight	Decimal		~~Required~~ Optional	130 – See Appendix D
SurchargeType	String, 1 character	2 = Oversized Surcharge A = First-Class Mail Parcel Surcharge D = Dimensional Rate N = Not Oversized P = Balloon Surcharge	Required	58 – *See Appendix D for detail*
TotalPieces	Non-negative Integer		Required	
TotalWeight	Decimal		Not required	
Zone	String, 3 characters	N = None LC = Local 1 = Zone 1 & 2 3 = Zone 3 4 = Zone 4 5 = Zone 5 6 = Zone 6 7 = Zone 7 8 = Zone 8	Not required	
VersionID	String, 10 characters		Not required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ContainerType	String, 1 character	1 = #1 Sack 2 = #2 Sack 3 = #3 Sack 4 = 01V Sack 5 = 03V Sack E = EMM Tray F = Flat Tub L = Logical Tray O = 1' Tray P = Pall S = Sack (general) T = 2' Tray V = Virtual Sack B = Bedload U = Unit Load Device Z = User Pallet W = Walled Unit X = Other	Optional field	
FlatRateIndicator	String, 1 character	B = Box - Priority Mail flat rate only E = Envelope – Priority Mail flat rate only L = Box – Large – Priority Mail flat rate only M = Box – Large, to military destination – Priority Mail flat rate only S = Small Priority Mail flat rate box	Not required	117 – *See Appendix D SM27*
SinglePieceDimensionalWeight	Decimal		Required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ProcessingCategory	String, 2 characters	LT = Letter FL = Flat CD = Card OS = Oversized Parcel MP = Machinable Parcel IR = Irregular Parcel PF = Parcel, First Class CM = Custom Mail NA = NFM with pc weights less than 6 oz NB = NFM with pc weights greater than or equal to 6 oz NP = Non Machinable Parcels	Required	17 – *See Appendix D for detail* 37 – *See Appendix D for detail*
FullServiceParticipationIndicator	String, 1 character	F = Full Service M = Mixed	Not Required	45 – *See Appendix D for detail*
ServiceLevelIndicator	String, 1 character	F = Full Service B = Basic P = POSTNET O = Other	Required	66 – *See Appendix D for detail*
PostageStatementLineItemData Block ends				
PostageStatementMailingDate	Date & Time		Required	
PackagingMethod	String, 1 character	0 = Piece Count 1 = Weight 2 = Both	Not required	
~~PostOfficeOfMailingZip~~	~~String, 5 characters~~	-	~~Not required~~	157 – See Appendix D
PostageAffixedAmount	Decimal		~~Required~~ Optional	56 – See Appendix D
PostagePaymentMethod	String, 1 character	S = Precancelled Stamps M = Metered P = Permit	Required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ProcessingCategory	String, 2 characters	LT = Letter FL = Flat CD = Card OS = Oversized Parcel MP = Machinable Parcel IR = Irregular Parcel PF = Parcel, First Class CM = Custom Mail NA = NFM with pc weights less than 6 oz NB = NFM with pc weights greater than or equal to 6 oz NP = Non Machinable Parcels	Required	17 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Identified
RateType	String, 1 character	R = Regular N = Nonprofit S = Science of Agriculture C = Classroom B = Bound Printed Matter T = Priority Mail P = Parcel Post L = Library Mail F = Media Mail B = Bound Printed Mail E, G, J, K, O = Priority Mail Flat Rate Box W & Y = Limited Circulation, Regular & Science of Agriculture	Not required	18 – *See Appendix D for detail*
RegisterOfMailing	Boolean	0 = 1 =	Required	
SackingBasis	String, 1 character	0 = Piece Count 1 = 20 lbs. 2 = 125 pieces 3 = 15 lbs. 4 = Both	Not required	
SinglePieceWeight	Decimal		Required	
ExtraServiceData Block begins			Not required 0 to many can be submitted	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ServiceCode	String, 3 characters	CM = Certified Mail COD = Collect on Delivery COM = Certificate of Mailing DC = Delivery Confirmation IM = Insured Mail PAL = Parcel Airlift RD = Restricted Delivery RM = Registered Mail RR = Return Receipt RRE = Return Receipt Electronic RRM = Return Receipt for Merchandise SC = Signature Confirmation SH = Special Handling	Required	
ServiceRate	Decimal		Not required	
ServiceSubCode	String, 1 character	N = None or Not Bulk E = Electronic R = Retail or Registered T = Requested at Time of Mailing B = Bulk	Required	
ServiceValue	Decimal		Required	
TotalAmount	Decimal		Not required	
TotalPieces	Non-negative Integer		Required	
ExtraServiceData Block ends				

Field	Format	Acceptable Values	Business Rules	Errata Identified
ExtraServiceSummaryData Block begins			Not required 0 to many can be submitted	
LineLabel	String, 80 characters		Not required	
LineNumber	String, 3 characters		Not required	
Section	String, 1 character		Not required	
ServiceCode	String, 3 characters	CM = Certified Mail COD = Collect on Delivery COM = Certificate of Mailing DC = Delivery Confirmation IM = Insured Mail PAL = Parcel Airlift RD = Restricted Delivery RM = Registered Mail RR = Return Receipt RRE = Return Receipt Electronic RRM = Return Receipt for Merchandise SC = Signature Confirmation SH = Special Handling	Required	
TotalAmount	Decimal		Required	
TotalPieces	Non-negative Integer		Required	
ExtraServiceSummaryData ends				
StatementSequenceNumber	String, 20 characters		Not required	
RepositionableNotesIndicator	Boolean		Required	
DocumentVersionData Block begins			Not required 0 to many can be submitted	

Field	Format	Acceptable Values	Business Rules	Errata Identified
VersionID	String, 10 characters		Required	SM21
VersionName	String, 12 characters		Required	SM21
VersionDescription	String, 30 characters		Not required	SM21
PieceWeight	Decimal		Required	
AdPercent	Number, 5 characters	0.00 - 100.00	Not required	
RateAffixed	Decimal		Required	158 – See Appendix D
DocumentVersionData Block ends				
MeteredAffixedMethod	String, 1 character	C = Metered - Correct L = Metered - Lowest M = Metered - Neither	Not required	
CombinedMailingID	Non-negative Integer		Optional field; required for combined mailings	
SinglePieceDimensionalWeight	Decimal		Not required	
EnclosingVolumeNo	String, 5 characters		Not required	
EnclosingIssueNo	String, 6 characters		Not required	
EnclosingIssueDate	Date & Time		Not required	
PriceType	String	commercial,commercialplus	Not required	138 – See Appendix D SM39
MoveUpdateMethod	String, 4 characters	0 = None 1 = ACS Link 2 = NCOA 3 = FAST Forward 4 = Mailer Move Update Process 5 = Ancillary Service Endorsements 6 = Multiple 7 = n/a Alternative Address Format 8 = OneCode ACS	Not required	5 – *See Appendix D for detail*
PermitHolderData Block begins			Required	
MID Block begins			Not required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MID6	String, 6 characters		Conditionally required if MID9 is not submitted	
MID9	String, 9 characters		Conditionally required if MID6 is not submitted	
MID Block ends				
ContactName	String, 60 characters		Required	
PermitPublicationData Block begins			Required	
PermitNumber	String, 8 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	
PermitType	String, 2 characters	PI = Permit Imprint MT = Meterd Tape PC = Precanceled Stamps BR = Business Reply PE = Periodicals GH = Ghost OI = Official Imprint OM = Official Metered	Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*
PermitZip4	String, 9 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109, 110 – *See Appendix D*

Field	Format	Acceptable Values	Business Rules	Errata Identified
PublicationNumber	String, 9 characters		Optional field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	
NonprofitAuthorizationNumber	String, 10 characters		Conditionally required if FormType is Standard Mail (SM) and RateType is Nonprofit (N)	53 – *See Appendix D for detail*
PermitPublicationData Block ends				
PermitHolderData Block ends				
MailingOwnerData Block begins			Not required	
MID Block begins			Not required	
MID6	String, 6 characters		Conditionally required if MID9 is not submitted	
MID9	String, 9 characters		Conditionally required if MID6 is not submitted	
MID Block ends				
ContactName	String, 60 characters		Required	
PermitPublicationData Block begins			Required	
PermitNumber	String, 8 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	

Field	Format	Acceptable Values	Business Rules	Errata Identified
PermitType	String, 2 characters	PI = Permit Imprint MT = Meterd Tape PC = Precanceled Stamps BR = Business Reply PE = Periodicals GH = Ghost OI = Official Imprint OM = Official Metered	Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*
PermitZip4	String, 9 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109, 110 – *See Appendix D*
PublicationNumber	String, 9 characters		Optional field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	
PermitPublicationData Block ends				
MailingOwnerData Block ends				
MailingAgentData Block begins			Not required	
MID Block begins			Not required	
MID6	String, 6 characters		Conditionally required if MID9 is not submitted	
MID9	String, 9 characters		Conditionally required if MID6 is not submitted	
MID Block ends				
ContactName	String, 60 characters		Required	
PermitPublicationData Block begins			Required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
PermitNumber	String, 8 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	
PermitType	String, 2 characters	PI = Permit Imprint MT = Meterd Tape PC = Precanceled Stamps BR = Business Reply PE = Periodicals GH = Ghost OI = Official Imprint OM = Official Metered	Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*
PermitZip4	String, 9 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109, 110 – *See Appendix D*
PublicationNumber	String, 9 characters		Optional field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	
PermitPublicationData Block ends				
MailingAgentData Block ends				
PermitHolderForAPData Block begins			Not required	
MID Block begins			Not required	
MID6	String, 6 characters		Conditionally required if MID9 is not submitted	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MID9	String, 9 characters		Conditionally required if MID6 is not submitted	
MID Block ends				
ContactName	String, 60 characters		Required	
PermitPublicationData Block begins			Required	
PermitNumber	String, 8 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	
PermitType	String, 2 characters	PI = Permit Imprint MT = Meterd Tape PC = Precanceled Stamps BR = Business Reply PE = Periodicals GH = Ghost OI = Official Imprint OM = Official Metered	Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*
PermitZip4	String, 9 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109, 110 – *See Appendix D*
PublicationNumber	String, 9 characters		Optional field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	

Field	Format	Acceptable Values	Business Rules	Errata Identified
PermitPublicationData Block ends				
PermitHolderForAPData Block ends				
PostageStatementData Block ends				
ReturnInfo Block begins			Provides reason for return Not required Multiple pairings of ReturnCode and ReturnDescription can be provided in the block	
ReturnCode	String, 4 characters		Not required	
ReturnDescription	String, 260 characters		Required	
ReturnInfo Block ends				
QueryResults Block ends				
QueryError Block begins				
ReturnInfo Block begins			Provides reason for return Required Multiple pairings of ReturnCode and ReturnDescription can be provided in the block	
ReturnCode	String, 4 characters		Not required	
ReturnDescription	String, 260 characters		Required	
ReturnInfo Block ends				
QueryError Block ends				

PostageStatementStatusQueryRequest

Purpose

Used to query the status of a postage statement

Business Rules

- Must be submitted after a postage statement has been created

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailXMLDashboardHeaderInfo Block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID in the MailXMLPostageStatementRequestHeaderInfo block of the PostageStatementCreateRequest message	
MailingGroupID	Non-negative Integer		Required field; must be populated with the same value as the MailingGroupID in the MailXMLPostageStatementRequestHeaderInfo block of the PostageStatementCreateRequest message	
MailXMLDashboardHeaderInfo Block ends				
SubmittingParty Block			Required block; Identifies the customer submitting the message	
SubmittingSoftware Block			Required block; Identifies the software submitting the message	
StatementID	Non-negative Integer		Conditionally required if the TrackingID is not provided	
MailingFacilty	String, 10 characters		Required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
QualificationReportClass	String, 2 characters	FC = First-Class Mail S = Standard Mail P = Periodicals PM = Priority Mail PP = Parcel Post A =	Not required	
BeginDate	Date & Time		Not required	
EndDate	Date & Time		Not required	
Preparer Block begins			Not required	
PermitNumber	String, 8 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	
PermitType	String, 2 characters	PI = Permit Imprint MT = Meterd Tape PC = Precanceled Stamps BR = Business Reply PE = Periodicals GH = Ghost OI = Official Imprint OM = Official Metered	Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*
PermitZip4	String, 9 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109, 110 – *See Appendix D*

Field	Format	Acceptable Values	Business Rules	Errata Identified
PublicationNumber	String, 9 characters		Optional field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	
Preparer Block ends				
PermitHolder Block begins				
PermitNumber	String, 8 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	
PermitType	String, 2 characters	PI = Permit Imprint MT = Meterd Tape PC = Precanceled Stamps BR = Business Reply PE = Periodicals GH = Ghost OI = Official Imprint OM = Official Metered	Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*
PermitZip4	String, 9 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109, 110 – *See Appendix D*

Field	Format	Acceptable Values	Business Rules	Errata Identified
PublicationNumber	String, 9 characters		Optional field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	
PermitHolder Block ends				
UserPostageStatementID	String, 10 characters		Not required	
IssueBeginDate	Date & Time		Not required	
IssueEndDate	Date & Time		Not required	
IssueNumber	String, 6 characters		Not required	
VolumeNumber	String, 5 characters		Not required	
DestinationFacilityZip	String, 9 characters		Not required	

PostageStatementStatusQueryResponse

Purpose

Accept or reject a query for postage statement status

Business Rules

- Will accept if postage statement exists in the mailing group
- Will reject if postage statement does not exist in the mailing group
- The ReturnInfo block will have a description for a QueryError

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailXMLDashboardHeaderInfo Block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID in the PostageStatementStatusQueryRequest message	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailingGroupID	Non-negative Integer		Required field; must be populated with the same value as the MailingGroupID in the PostageStatementStatusQuery Request message	
MailXMLDashboardHeaderInfo Block ends				
QueryResults Block begins				
MailingGroup Block begins			Not required 0 to many can be submitted	
CustomerDescription	String, 50 characters		Not required	
SubmitterCRID	String, 10 characters		Required	
PermitPublicationData Block begins			Required	
PermitNumber	String, 8 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	
PermitType	String, 2 characters	PI = Permit Imprint MT = Meterd Tape PC = Precanceled Stamps BR = Business Reply PE = Periodicals GH = Ghost OI = Official Imprint OM = Official Metered	Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*

Field	Format	Acceptable Values	Business Rules	Errata Identified
PermitZip4	String, 9 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109, 110 – *See Appendix D*
PublicationNumber	String, 9 characters		Optional field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	
PermitPublicationData Block ends				
PostOfficeOfMailingZip	String, 5 characters		Required	
MailingFacility	String, 10 characters		Not required	
MailXMLPresentationCategory	String, 1 character	P = Conventional Presort I = Manifest Individual N = Single Piece M = MLOCR S = Manifest Summary	Required	
MailerID	String, 9 characters		Not required	
FullServiceParticipationIndicator	String, 1 character	F = Full Service M = Mixed	Not required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailAgreementType	String, 1 character	A = Alternate Mailing System B = Optional Procedure C = Manifest Mailing D = Value Added E = Combined Mail F = Combined and Value Added	Not required	
ContractNumber	String, 20 characters		Not required	
OnePassIndicator	String, 3 characters	Yes, No	Not required	55 See Apendix D
LogicalPhysicalContainerIndicator	String, 1 character	P = Physical only L = Logical exists	Not required	
MailingGroup Block ends				
UserPostageStatementID	String, 10 characters		Not required	
PostageStatementSummary Block begins			Required 1 to many can be submitted	
StatementID	Non-negative Integer		Not required	
UserPostageStatementID	String, 10 characters		Not required	
USPSPostageStatementSequenceNumber	String, 10 characters		Not required	
PostageStatementStatus	String, 15 characters	UPD, FIN, ~~UPDNOTFINALIZED~~, REW, REV, CAN, FAI, PEN, PAS, INC, NAP, EST, CON, ERR, COM, AVW, PAV, FPP	Required	169 – See Appendix D SM40
PostageStatementSummary Block ends				

Field	Format	Acceptable Values	Business Rules	Errata Identified
ReturnInfo Block begins			Provides reason for return Not required Multiple pairings of ReturnCode and ReturnDescription can be provided in the block	
ReturnCode	String, 4 characters		Not required	
ReturnDescription	String, 260 characters		Required	
ReturnInfo Block ends				
QueryResults Block ends				
QueryError Block begins				
ReturnInfo Block begins			Provides reason for return Required Multiple pairings of ReturnCode and ReturnDescription can be provided in the block	
ReturnCode	String, 4 characters		Not required	
ReturnDescription	String, 260 characters		Required	
ReturnInfo Block ends				
QueryError Block ends				

PostageStatementCancelRequest

Purpose

Allows the USPS customer to cancel a submitted postage statement (including a Periodicals statement) that has not already been reversed or finalized

Business Rules

- Must be submitted after a postage statement has been created
- Cannot be submitted after a postage statement has been finalized
- All postage in a mailing group is cancelled if a StatementID is not submitted

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailXMLPostageStatementRequestHeaderInfo Block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID in the MailXMLPostageStatementRequestHeaderInfo block of the PostageStatementCreateRequest message	
MailingGroupID	Non-negative Integer		Required field; must be populated with the same value as the MailingGroupID in the MailXMLPostageStatementRequestHeaderInfo block of the PostageStatementCreateRequest message	
MailXMLPostageStatementRequestHeaderInfo Block ends				
SubmittingParty Block			Required block; Identifies the customer submitting the message	
SubmittingSoftware Block			Required block; Identifies the software submitting the message	
StatementID	Non-negative Integer		PostalOne! assigned postage statement ID Not required	141 – See Appendix D

PostageStatementCancelResponse

Purpose

Accept or reject a request to cancel postage statement (including a periodical statement)

Business Rules

- Will accept if postage statements exist in mailing group and postage is not finalized
- Will reject if postage statements do not exist in mailing
- Wil reject if postage is finalized
- The ReturnInfo block will have a description for rejection

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
PostageStatementCancelAccept Block begins			Block received upon accepting request	
MailXMLMsgResponseHeaderInfo Block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID in the MailXMLPostageStatementRequestHeaderInfo block of the PostageStatementCancelRequest message	
MailingGroupID	Non-negative Integer		Required field; must be populated with the same value as the MailingGroupID in the MailXMLPostageStatementRequestHeaderInfo block of the PostageStatementCancelRequest message	
TrackingID	String, 12 characters		For asynchronous transactions Not required (attribute)	

Field	Format	Acceptable Values	Business Rules	Errata Identified
Status		Accepted, Amended, Cancelled, Counterproposal, New, No Action, Original, Partially Accepted, Pending, Rejected, Replaced	Not required (attribute)	
MailXMLMsgResponseHeaderInfo Block ends				
~~CancelConfirmID~~	~~String, 12 characters~~	-	~~Required~~	142 – See Appendix D
UserPostageStatementID	String, 10 characters		User created postage statement ID Not required	
StatementID	Non-negative Integer		PostalOne! assigned postage statement ID Required	
PostageStatementCancelAccept Block ends				
PostageStatementCancelReject Block begins				
MailXMLMsgResponseHeaderInfo Block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID in the MailXMLPostageStatementRequestHeaderInfo block of the PostageStatementCancelRequest message	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailingGroupID	Non-negative Integer		Required field; must be populated with the same value as the MailingGroupID in the MailXMLPostageStatementRequestHeaderInfo block of the PostageStatementCancelRequest message	
TrackingID	String, 12 characters		For asynchronous transactions Not required (attribute)	
Status		Accepted, Amended, Cancelled, Counterproposal, New, No Action, Original, Partially Accepted, Pending, Rejected, Replaced	Not required (attribute)	
MailXMLMsgResponseHeaderInfo Block ends				
ReturnInfo Block begins			Provides reason for return Required Multiple pairings of ReturnCode and ReturnDescription can be provided in the block	
ReturnCode	String, 4 characters		Not required	
ReturnDescription	String, 260 characters		Required	
ReturnInfo Block begins				
PostageStatementCancelReject Block ends				

BundleDetailCreateRequest

Purpose

Message sends bundle detail information associated to a qualification report to the PostalOne! system

Business Rules

- Message cannot be sent until a QualificationReportCreateRequest message has been accepted and the customer receives an acceptance message through the QualificationReportCreateResponse
- Bundle detail data from this message must be tied to that of the QualificationReportCreateRequest message (ContainerID)

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
BundleCreateRequestHeaderInfo block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field	
MailingGroupID	Non-Negative Integer		Required field	
BundleCreateRequestHeaderInfo block ends				
SubmittingPartyBlock			Required block Identifies the customer submitting the message	
SubmittingPartyBlock			Required block Identifies the software submitting the message	
UserLicenseCode	String, 4 characters		Field not supported	
MaildatJobID	String, 8 characters		Field not supported	
CustomerGroupID	String, 25 characters		Field not supported (redundant)	
MailingGroupID	Non-Negative Integer		Field not supported (redundant)	
BundleDetail block begins			Required block; 1 to many pairings (Required block for any mailing that includes bundled mail)	28 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Identified
ContainerID	String, 6 characters		Field not supported; Supporting the CustomerContainerID	24 – *See Appendix D for detail*
~~CustomerContainerID~~	~~String, 6 characters~~	-	~~Required field; must be unique (link to the Qualification Report)~~	~~24 – *See Appendix D*~~
CustomerBundleID	String, 6 characters		Required field	25 – *See Appendix D for detail*
TotalPieces	Non-Negative Integer		Required field	
TotalCopies	Non-Negative Integer		Required field	
BundleZIP	String, 6 characters		Required field	
BundleCarrierRoute	String, 4 characters	A = Saturation-ECR B = High Density-ECR D = Carrier Route O = Carrier Route Barcode	Optional field; Required field if the RateCategory is Carrier Route	

Field	Format	Acceptable Values	Business Rules	Errata Identified
DestinationEntry	String, 1 character	N = None B = DBMC S = DSCF D = DDU P = Inter-BMC Q = Intra-BMC A = DADC	Optional field Determines the Entry Discount If FormType is BP this field must be N, B, S, or D. If FormType is FC this field must be N. If FormType is ML this field must be N. If FormType is PE this field must be A. If FormType is PM this field must be N. If Form Type is PP this field must be B, S, D, P, Q or A. If FormType is SM this field must be N, B, S or D.	See previous comments
Zone	String	N = None LC = Local 1 = Zone 1 & 2 3 = Zone 3 4 = Zone 4 5 = Zone 5 6 = Zone 6 7 = Zone 7 8 = Zone 8	Optional field If FormType is BP, this field must be N, 1, 3, 4, 5, 6, 7, or 8 If FormType is FC, this field must be N If FormType is ML, this field must be N If FormType is PE, this field must be N, 1, 3, 4, 5, 6, 7, or 8 If FormType is PM, this field must be N, 1, 3, 4, 5, 6, 7, or 8 If FormType is SM, this field must be N	

Field	Format	Acceptable Values	Business Rules	Errata Identified
DestinationZIP	Numeric, 3 or 5 characters		Optional field	
OutsideCountyBundleIndicator	String, 1 character	I = In County N = Not County O = Other	Optional field Required for Periodicals If FormType is PE this field must be I or N.	
SortationLevel	String	CRD = CR-Direct 5DG = 5 Digit CR5 = Mixed CR in 5 Digit 5DGS = 5D Scheme CR5S = CR-5D Scheme M5D = 5 Digit (Merged) M5DS = 5D Scheme (Merged) MET = Metro Scheme ADC = ADC AADC = AADC MADC = Mixed ADC MAAD = Mixed AADC SCF = SCF PSCF = Protected SCF BMC = BMC PBMC = Protected BMC MBMC = Mixed BMC ASF = ASF OMX = Original Mixed BMC PADC = Protected ADC DPC = DPC RDC = RDC MRDC = Mixed RDC SP = Single Piece	Required field	19 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Identified
BundleLevel	String	A = Firm B = Carrier Route C = 5-Digit D = Unique 3-Digit E = reserve F = 3-Digit G = reserve H = ADC I = AADC J = reserve K = Origin MxADC L = MxADC M = MxAADC N = reserve O = working P = reserve Q = reserve R = Parcel S = Multi-pc Parcel T = 3-D Scheme U = 5-D Scheme + L007 V = BMC W = 5-Digit Super Scheme	Required field	
ParentBundleID	String, 6 characters		Optional field	
BundleBarcode	String, 20 characters		Optional field	
BundleStatus	String	C = Cancelled	Optional field; Not supporting <BLANK> as a value	9 – *See Appendix D for detail*
BundleRecordStatus	String, 1 character	O = Original D = Delete I = Insert U = Update	Optional field	
BundleVersion block begins			Optional block; displayed on Qualification Report Bundle Detail	

Field	Format	Acceptable Values	Business Rules	Errata Identified
VersionID	String, 10 characters		Required field; displayed on Qualification Report Bundle Detail	
VersionName	String, 12 characters		Required field; displayed on Qualification Report Bundle Detail	
BundleVersion block ends				
BundleDetail block ends				

BundleDetailCreateResponse

Purpose

Accept or reject a request to create bundle detail data

Business Rules

- Will accept if all required fields are populated and values are valid
- Will reject if all required fields are not populated
- Will reject if invalid values are provided

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
BundleDetailCreateAccept block begins			Response from USPS indicating that the BundleDetailCreateRequest message was accepted if the bundle detail matches the existing data in the PostalOne! system	
BundleCreateResponseHeaderInfo block begins			Attributes block	

Field	Format	Acceptable Values	Business Rules	Errata Identified
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the value populated in the CustomerGroupID field of the BundleDetailCreateRequest	
MailingGroupID	Non-Negative Integer		Required field; must be populated with the same value as the value populated in the MailingGroupID field of the BundleDetailCreateRequest	
BundleCreateResponseHeaderInfo block ends				
BundleConfirmID	String, 12 characters		Required field; 1 to many pairings of BundleConfirmID and ReturnInfo block	
ReturnInfo			Optional block; 0 to many pairings of ReturnCode and ReturnDescription	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
BundleDetailCreateAccept block ends				

Field	Format	Acceptable Values	Business Rules	Errata Identified
BundleDetailCreateReject block begins			Response from USPS indicating that the BundleDetailCreateRequest message was rejected since the bundle detail does not match the existing data in the PostalOne! system	
BundleCreateResponseHeaderInfo block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the value populated in the CustomerGroupID field of the BundleDetailCreateRequest	
MailingGroupID	Non-Negative Integer		Required field; must be populated with the same value as the value populated in the MailingGroupID field of the BundleDetailCreateRequest	
BundleCreateResponseHeaderInfo block ends			Attributes block	
ReturnInfo block begins			Required block	
ReturnCode	Numeric, 4 characters		Optional field; 0 to many pairings of ReturnCode and ReturnDescription	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ReturnDescription	String, 260 characters		Required field; 0 to many pairings of ReturnCode and ReturnDescription	
ReturnInfo block ends				

BundleDetailCancelRequest

Purpose

Message cancels the bundle detail data submitted related to a qualification report

Business Rules

- Message cannot be sent until the BundleDetailCreateRequest message has been filed in the PostalOne! system and accepted through the BundleDetailCreateResponse message

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
BundleCreateResponseHeaderInfo block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the value populated in the CustomerGroupID field of the BundleDetailCreateResponse	
MailingGroupID	Non-Negative Integer		Required field; must be populated with the same value as the value populated in the MailingGroupID field of the BundleDetailCreateResponse	
BundleCreateResponseHeaderInfo block ends				

Field	Format	Acceptable Values	Business Rules	Errata Identified
SubmittingPartyBlock			Required block Identifies the customer submitting the message	
SubmittingPartyBlock			Required block Identifies the software submitting the message	
UserLicenseCode	String, 4 characters		Field not supported	
MaildatJobID	String, 8 characters		Field not supported	
CustomerGroupID	String, 25 characters		Field not supported; redundant	
MailingGroupID	Non-Negative Integer		Field not supported; redundant	
BundleDetail block begins			Required block; 1 to many pairings	113 – *See Appendix D*
ContainerID	String, 6 characters		Field not supported; Supporting CustomerContainerID	24 – *See Appendix D for detail*
~~CustomerContainerID~~	~~String, 6 characters~~	-	~~Required field; must be unique (link to the Qualification Report)~~	24 – *See Appendix D*
CustomerBundleID	String, 6 characters		Required field	25 – *See Appendix D for detail*
TotalPieces	Non-Negative Integer		Required field	
TotalCopies	Non-Negative Integer		Required field	
BundleZIP	String, 6 characters		Required field	
BundleCarrierRoute	String, 4 characters	A = Saturation-ECR B = High Density-ECR D = Carrier Route O = Carrier Route Barcode	Optional field; Required field if the RateCategory is Carrier Route	

Field	Format	Acceptable Values	Business Rules	Errata Identified
DestinationEntry	String, 1 character	N = None B = DBMC S = DSCF D = DDU P = Inter-BMC Q = Intra-BMC A = DADC	Optional field Determines the Entry Discount If FormType is BP this field must be N, B, S, or D. If FormType is FC this field must be N. If FormType is ML this field must be N. If FormType is PE this field must be A. If FormType is PM this field must be N. If Form Type is PP this field must be B, S, D, P, Q or A. If FormType is SM this field must be N, B, S or D.	See previous comments
Zone	String	N = None LC = Local 1 = Zone 1 & 2 3 = Zone 3 4 = Zone 4 5 = Zone 5 6 = Zone 6 7 = Zone 7 8 = Zone 8		
DestinationZIP	Numeric, 3 or 5 characters		Optional field	
OutsideCountyBundleIndicator	String, 1 character	I = In County N = Not County O = Other	Optional field; Required for Periodicals	

Field	Format	Acceptable Values	Business Rules	Errata Identified
SortationLevel	String	CRD = CR-Direct 5DG = 5 Digit CR5 = Mixed CR in 5 Digit 5DGS = 5D Scheme CR5S = CR-5D Scheme M5D = 5 Digit (Merged) M5DS = 5D Scheme (Merged) MET = Metro Scheme ADC = ADC AADC = AADC MADC = Mixed ADC MAAD = Mixed AADC SCF = SCF PSCF = Protected SCF BMC = BMC PBMC = Protected BMC MBMC = Mixed BMC ASF = ASF OMX = Original Mixed BMC PADC = Protected ADC DPC = DPC RDC = RDC MRDC = Mixed RDC SP = Single Piece	Required field	

Field	Format	Acceptable Values	Business Rules	Errata Identified
BundleLevel	String	A = Firm B = Carrier Route C = 5-Digit D = Unique 3-Digit E = reserve F = 3-Digit G = reserve H = ADC I = AADC J = reserve K = Origin MxADC L = MxADC M = MxAADC N = reserve O = working P = reserve Q = reserve R = Parcel S = Multi-pc Parcel T = 3-D Scheme U = 5-D Scheme + L007 V = BMC W = 5-Digit Super Scheme	Required field	
ParentBundleID	String, 6 characters		Optional field	
BundleBarcode	String, 20 characters		Optional field	
BundleStatus	String	C = Cancelled	Optional field; Not supporting <BLANK> as a value	9 – *See Appendix D for detail*
BundleRecordStatus	String, 1 character	O = Original D = Delete I = Insert U = Update	Optional field	
BundleVersion block begins			Optional block; displayed on Qualification Report Bundle Detail	
VersionID	String, 10 characters		Required field; displayed on Qualification Report Bundle Detail	

Field	Format	Acceptable Values	Business Rules	Errata Identified
VersionName	String, 12 characters		Required field; displayed on Qualification Report Bundle Detail	
BundleVersion block ends				
BundeDetail block ends				

BundleDetailCancelResponse

Purpose

Accept or reject a request to cancel bundle detail data

Business Rules

- Will accept if the bundle detail data exists in the PostalOne! system
- Will reject if the bundle detail data does not exist in the PostalOne! system

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
BundleDetailCancelAccept block begins			Response from USPS indicating that the BundleDetailCancelRequest message was accepted	
MailXMLMsgResponseHeaderInfo block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the value populated in the CustomerGroupID field of the BundleDetailCancelRequest	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailingGroupID	Non-Negative Integer		Required field; must be populated with the same value as the value populated in the MailingGroupID field of the BundleDetailCancelRequest	
MailXMLMsgResponseHeaderInfo block ends				
CancelConfirmID	String, 12 characters		Required field	
ReturnInfo			Optional block; 0 to many pairings of ReturnCode and ReturnDescription	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
ReturnInfo block ends				
BundleDetailCancelAccept block ends				
BundleDetailCancelReject block begins			Response from USPS indicating that the BundleDetailCancelRequest message was rejected	
MailXMLMsgResponseHeaderInfo block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the value populated in the CustomerGroupID field of the BundleDetailCancelRequest	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailingGroupID	Non-Negative Integer		Required field; must be populated with the same value as the value populated in the MailingGroupID field of the BundleDetailCancelRequest	
MailXMLMsgResponseHeaderInfo block ends			End of block	
ReturnInfo block begins			Required block; 0 to many pairings of ReturnCode and ReturnDescription	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
ReturnInfo block ends				
BundleDetailCancelReject block ends				

MailPieceCreateRequest

Purpose

Used to create mailpieces or piece ranges for a mailing group

Business Rules

- Must be submitted after a qualification report to have valid containers created
- Cannot be submitted for a piece previously marked with 'W' or 'S' in the WastedPieceIndicator

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
SubmittingParty Block			Required block; Identifies the customer submitting the message	
SubmittingSoftware Block			Required block; Identifies the software submitting the message	
LargeTransactionDivideroptionalGroupType			To be added to Mail.XMl, Required by PO!	149 – See Appendix D
UserLicenseCode			Field not being supported	
MaildatJobID			Field not being supported	
PDRMailPieceBlock			Block not being supported	
PDRRangePieceBlock			Block not being supported	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID in the QualificationReportCreateResponse message	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailingGroupID	Non-negative Integer		Required field; must be populated with the same value as the MailingGroupID in the QualificationReportCreateResponse message	
TransmittedCount	Non-negative Integer		Not required Count of records transmitted in message	
PieceRangeID	String, 22		Required	146 – See Appendix D
MailPieceBlock Block begins			1 to many can be submitted Either MailPieceBlock or MailXMLPieceRangeBlock submitted	64 – *See Appendix D for detail*
ServiceLevelIndicator	String, 1 character	F = Full Service B = Basic P = POSTNET O = Other	Required	
~~Customer~~ContainerID	String, 6	-	Required	112 – *See Appendix D*
LOTSequenceDirectionCode	String, 1 character		Not required Either WalkSequence Number or combination of LOTSequence DirectionCode and LOTSequence Number	
LOTSequenceNumber	Number, 4 characters		Not required Either WalkSequence Number or combination of LOTSequence DirectionCode and LOTSequence Number	

Field	Format	Acceptable Values	Business Rules	Errata Identified
WalkSequenceNumber	Number, 5 characters		Not required Either WalkSequence Number or combination of LOTSequence DirectionCode and LOTSequence Number	
IMB Block begins			Required Only one block submitted	
BarcodeID	Number, 2 characters		Not required	
ServiceTypeCode	Number, 3 characters		Conditionally required if Mail Class is not provided	
MailClass	Number, 1 character		Conditionally required if Service Type Code is not provided	
MailerID6	Number, 6 characters		Required Only one pairing of MailerID and SerialNumber is required	
SerialNumber9	Number, 9 characters		Required Only one pairing of MailerID and SerialNumber is required	
MailerID9	Number, 9 characters		Required Only one pairing of MailerID and SerialNumber is required	
SerialNumber6	Number, 6 characters		Required Only one pairing of MailerID and SerialNumber is required	
DeliveryPointZIP	Number, 11 characters		Not required	
IMB Block ends				
PlanetCode	Number, 13 characters		Not required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
DeliveryPointZIP	Number, 11 characters		Conditionally required if PlanetCode is submitted	
DeliveryContainerID			Field not being supported	
DeliveryPointZIP			Field not being supported in conjunction with DeliveryContainerID	
PieceID	String, 22 characters		Required	
WastedPieceIndicator	String, 1 character	W = Wasted S = Shortage X = Wasted piece and postage adjustment should NOT be triggered T = Shortage pieces not produced and postage adjustment should NOT be triggered	Not required	21 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Identified
MLOCRrateANDpostageMarking	String, 7 characters	Letters/Flats P1/F1 = Barcoded 1-ounce Permit Imprint P2/F2 = Barcoded 2-ounce Permit Imprint P3/F3 = Barcoded 3-ounce Permit Imprint P4/F4 = Barcoded 4-ounce Permit Imprint /F5 = Barcoded 5-ounce Permit Imprint /F6 = Barcoded 6-ounce Permit Imprint /F7 = Barcoded 7-ounce Permit Imprint /F8 = Barcoded 8-ounce Permit Imprint /F9 = Barcoded 9-ounce Permit Imprint /F0 = Barcoded 10-ounce Permit Imprint /FA = Barcoded 11-ounce Permit Imprint /FB = Barcoded 12-ounce Permit Imprint /FC = Barcoded 13-ounce Permit Imprint 51/MF = Barcoded 5-Digit Meter Postage Affixed - 1 ounce 52/ = Barcoded 5-	Not required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MoveComplianceUpdateMethod	String, 1 character	1 = ACS 2 = NCOALink 3 = FASTforward 4 = Mailer Move Update Process Certification (99% Rule) 5 = Ancillary Services Endorsements 6 = Multiple 7 = Simplified/ Occupant/ Exceptional Address	Not required	
MailOwner Block begins			Not required Only one block submitted	
MailerID6	Number, 6 characters		Not required	
MailerID9	Number, 9 characters		Not required	
CRID	Number, 10 characters		Not required	
SchedulerID			Field not being supported	
MaildatUserLicense			Field not being supported	
~~MailOwner~~ PermitPublicationData Block begins			Not required Only one block submitted	145 – See Appendix D
PermitNumber	String, 8 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	

Field	Format	Acceptable Values	Business Rules	Errata Identified
PermitType	String, 2 characters	PI = Permit Imprint MT = Meterd Tape PC = Precanceled Stamps BR = Business Reply PE = Periodicals GH = Ghost OI = Official Imprint OM = Official Metered	Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*
PermitZip4	String, 9 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109, 110 – *See Appendix D*
PublicationNumber	String, 9 characters		Optional field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	
~~MailOwner~~ PermitPublicationData				
MailOwnerMID6	String, 6 characters		Optional field; either MailOwnerMID6 or MailOwnerMID9 populated	22 – *See Appendix D for detail*
MailOwnerMID6	String, 9 characters		Optional field; either MailOwnerMID6 or MailOwnerMID9 populated	22 – *See Appendix D for detail*
MailOwner Block ends				
BarCodeApplicator Block begins			Not required	
MailerID6	Number, 6 characters		Not required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailerID9	Number, 9 characters		Not required	
CRID	Number, 10 characters		Not required	
SchedulerID			Field not being supported	
MaildatUserLicense			Field not being supported	
BarCodeApplicator Block ends				
MachineID	String, 4 characters		Not required	
CustomerBundleID	String, 12 characters		~~Not required~~ Required	25 – See Appendix D
ACSKeyline	String, 16 characters		Not required	61 – *See Appendix D for detail*
MailPieceBlock Block ends				
MailXMLPieceRangeBlock Block begins			1 to many can be submitted Either MailPieceBlock or MailXMLPiece RangeBlock submitted	
~~Customer~~ContainerID	String, 6 characters		Required	24 – *See Appendix D* 48 – *See Appendix D for detail* 51 – *See Appendix D for detail*
RangePieceCount	Non-negative Integer		Required	
PieceRangeBlock Block begins			Required 1 to many can be submitted	
IMBarcodeLowerSerialization Block begins			Required Only one can be submitted	
MailerID6	Number, 6 characters		Required Only one pairing of MailerID and SerialNumber is required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
SerialNumber9	Number, 9 characters		Required Only one pairing of MailerID and SerialNumber is required	
MailerID9	Number, 9 characters		Required Only one pairing of MailerID and SerialNumber is required	
SerialNumber6	Number, 6 characters		Required Only one pairing of MailerID and SerialNumber is required	
IMBarcodeLowerSerialization Block ends				
IMBarcodeUpperSerialization Block begins			Required Only one can be submitted	
MailerID6	Number, 6 characters		Required Only one pairing of MailerID and SerialNumber is required	
SerialNumber9	Number, 9 characters		Required Only one pairing of MailerID and SerialNumber is required	
MailerID9	Number, 9 characters		Required Only one pairing of MailerID and SerialNumber is required	
SerialNumber6	Number, 6 characters		Required Only one pairing of MailerID and SerialNumber is required	
IMBarcodeUpperSerialization Block ends				
MailPreparer Block begins			Not required Only one can be submitted	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailerID6	Number, 6 characters		Not required Either MailerID6 or MailerID9 is submitted	
MailerID9	Number, 9 characters		Not required Either MailerID6 or MailerID9 is submitted	
CRID	Number, 10 characters		Not required	
SchedulerID			Field not being supported	
MaildatUserLicense			Field not being supported	
MailPreparer Block ends				
ServiceTypeCode	Number, 3 characters		Conditionally required if Mail Class is not provided	
MailClass	Number, 1 character		Conditionally required if Service Type Code is not provided	
ServiceLevelIndicator	String, 1 character	F = Full Service B = Basic P = POSTNET O = Other	Required	
PieceRangeBlock Block ends				
MailXMLPieceRangeBlock Block ends				

MailPieceCreateResponse

Purpose

Accept or reject a request to create a mailpiece or piece range

Business Rules

- Will accept if all required fields are populated and values are valid
- Will reject if all required fields are not populated
- Will reject if invalid values are provided
- The ReturnInfo block will have a description for rejection

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailPieceCreateAccept Block begins			Block received upon accepting request 1 to many can be submitted	
~~MailPieceConfirmID~~	~~String, 12 characters~~	-	~~Required Provided for each piece or piece range created~~	148 – See Appendix D
ReturnInfo Block begins			Provides reason for return Not required Multiple pairings of ReturnCode and ReturnDescription can be provided in the block	
ReturnCode	String, 4 characters		Not required	
ReturnDescription	String, 260 characters		Required if ReturnInfo Block is submitted	
ReturnInfo Block ends				
MailPieceCreateAccept Block ends				
MailPieceCreateReject Block begins			Block received upon rejecting request Only one can be submitted	
ReturnInfo Block begins			Provides reason for return Required Multiple pairings of ReturnCode and ReturnDescription can be provided in the block	
ReturnCode	String, 4 characters		Not required	
ReturnDescription	String, 260 characters		Required	
ReturnInfo Block ends				
MailPieceCreateReject Block ends				

MailPieceCancelRequest

Purpose

Used to cancel a previously created mailpiece or piece range

Business Rules

- Must be submitted to a currently existing mailpiece or piece range
- Cannot cancel a mailpiece if the 'W' or 'S' indicators for WastedPieceIndicator have resulted in adjusting an already finalized postage statement
- Cannot cancel a mailpiece or piece range if postage has been finalized on its correspoding container
- Not currently supported to add Piece data for eDoc filed through Mail.dat

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
SubmittingParty Block			Required block; Identifies the customer submitting the message	
SubmittingSoftware Block			Required block; Identifies the software submitting the message	
LargeTransactionDivideroptionalGroupType			To be added to Mail.XMl, Required by PO!	149 – See Appendix D
UserLicenseCode			Field not being supported	
MaildatJobID			Field not being supported	
PDRMailPieceBlock			Block not being supported	
PDRRangePieceBlock			Block not being supported	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID in the MailPieceCreateResponse message	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailingGroupID	Non-negative Integer		Required field; must be populated with the same value as the MailingGroupID in the MailPieceCreateResponse message	
TransmittedCount	Non-negative Integer		Not required Count of records transmitted in message	
PieceRangeID	String, 22		Required	146 – See Appendix D
~~MailPieceBlock Block begins~~	-	-	~~1 to many can be submitted Either MailPieceBlock or MailXMLPieceRangeBlock submitted~~	64 – *See Appendix D for detail*
~~ServiceLevelIndicator~~	~~String, 1 character~~	~~F = Full Service B = Basic P = POSTNET O = Other~~	~~Required~~	
~~Customer~~ContainerID	String, 6	-	Required	24 – *See Appendix D* 112 – *See Appendix D*
~~LOTSequenceDirectionCode~~	~~String, 1 character~~	-	~~Not required Either WalkSequence Number or pair of LOTSequence DirectionCode and LOTSequence Number~~	

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~LOTSequenceNumber~~	~~Number, 4 characters~~		Not required Either WalkSequence Number or pair of LOTSequence DirectionCode and LOTSequence Number	
~~WalkSequenceNumber~~	~~Number, 5 characters~~		Not required Either WalkSequence Number or pair of LOTSequence DirectionCode and LOTSequence Number	
~~IMB Block begins~~	-		Required Only one block submitted	
~~BarcodeID~~	~~Number, 2 characters~~		Not required	
~~ServiceTypeCode~~	~~Number, 3 characters~~		Conditionally required if Mail Class is not provided	
~~MailClass~~	~~Number, 1 character~~		Conditionally required if Service Type Code is not provided	
~~MailerID6~~	~~Number, 6 characters~~		Required Only one pairing of MailerID and SerialNumber is required	
~~SerialNumber9~~	~~Number, 9 characters~~		Required Only one pairing of MailerID and SerialNumber is required	
~~MailerID9~~	~~Number, 9 characters~~		Required Only one pairing of MailerID and SerialNumber is required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~SerialNumber6~~	~~Number, 6 characters~~	~~-~~	~~Required Only one pairing of MailerID and SerialNumber is required~~	
~~DeliveryPointZIP~~	~~Number, 11 characters~~	~~-~~	~~Not required~~	
~~IMB Block ends~~	~~-~~	~~-~~	~~-~~	
~~PlanetCode~~	~~Number, 13 characters~~	~~-~~	~~Not required~~	
~~DeliveryPointZIP~~	~~Number, 11 characters~~	~~-~~	~~Conditionally required if PlanetCode is submitted~~	
~~DeliveryContainerID~~	~~-~~	~~-~~	~~Field not being supported~~	
~~DeliveryPointZIP~~	~~-~~	~~-~~	~~Field not being supported in conjunction with DeliveryContainerID~~	
PieceID	String, 22 characters		Required	
~~WastedPieceIndicator~~	~~String, 1 character~~	~~W = Wasted S = Shortage X = Wasted piece and postage adjustment should NOT be triggered T = Shortage pieces not produced and postage adjustment should NOT be triggered~~	~~Not required~~	21 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~MLOCRrateANDpostageMarking~~	~~String, 7 characters~~	Letters/Flats P1/F1 = Barcoded 1-ounce Permit Imprint P2/F2 = Barcoded 2-ounce Permit Imprint P3/F3 = Barcoded 3-ounce Permit Imprint P4/F4 = Barcoded 4-ounce Permit Imprint /F5 = Barcoded 5-ounce Permit Imprint /F6 = Barcoded 6-ounce Permit Imprint /F7 = Barcoded 7-ounce Permit Imprint /F8 = Barcoded 8-ounce Permit Imprint /F9 = Barcoded 9-ounce Permit Imprint /F0 = Barcoded 10-ounce Permit Imprint /FA = Barcoded 11-ounce Permit Imprint /FB = Barcoded 12-ounce Permit Imprint /FC = Barcoded 13-ounce Permit Imprint 51/MF = Barcoded 5-Digit Meter Postage Affixed - 1 ounce 52/ = Barcoded 5-	Not required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~MoveComplianceUpdateMethod~~	~~String, 1 character~~	1, 2, 3, 4, 5, 6, 7	Not required	
~~MailOwner Block begins~~	-		Not required Only one block submitted	
~~MailerID6~~	~~Number, 6 characters~~		Not required	
~~MailerID9~~	~~Number, 9 characters~~		Not required	
~~CRID~~	~~Number, 10 characters~~		Not required	
~~SchedulerID~~	-		Field not being supported	
~~MaildatUserLicense~~	-		Field not being supported	
~~MailOwner PermitPublicationData Block begins~~	-		Not required Only one block submitted	145 – See Appendix D
~~PermitNumber~~	~~String, 8 characters~~		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	
~~PermitType~~	~~String, 2 characters~~	PI = Permit Imprint MT = Meterd Tape PC = Precanceled Stamps BR = Business Reply PE = Periodicals GH = Ghost OI = Official Imprint OM = Official Metered	Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~PermitZip4~~	~~String, 9 characters~~		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109, 110 – *See Appendix D*
~~PublicationNumber~~	~~String, 9 characters~~		Optional field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	
~~MailOwner PermitPublicationData Block ends~~	-			145 – See Appendix D
~~MailOwnerMID6~~	~~String, 6 characters~~		Optional field; either MailOwnerMID6 or MailOwnerMID9 populated	22 – *See Appendix D for detail*
~~MailOwnerMID6~~	~~String, 9 characters~~		Optional field; either MailOwnerMID6 or MailOwnerMID9 populated	22 – *See Appendix D for detail*
~~MailOwner Block ends~~	-			
~~BarCodeApplicator Block begins~~	-		Not required	
~~MailerID6~~	~~Number, 6 characters~~		Not required	
~~MailerID9~~	~~Number, 9 characters~~		Not required	
~~CRID~~	~~Number, 10 characters~~		Not required	
~~SchedulerID~~	-		Field not being supported	
~~MaildatUserLicense~~	-		Field not being supported	
~~BarCodeApplicator Block ends~~	-			
~~MachineID~~	~~String, 4 characters~~		Not required	
BundleID	String, 12 characters		~~Not required~~ Required	25 – See Appendix D
~~ACSKeyline~~	String, 16 characters		Not required	61 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~MailPieceBlock Block ends~~				
~~MailXMLPieceRangeBlock Block begins~~			0 to 1 can be submitted Either MailPieceBlock or MailXMLPiece RangeBlock submitted	
~~CustomerContainerID~~	Number, 6 characters		Required	24 – *See Appendix D* 48 – *See Appendix D for detail* 51 – *See Appendix D for detail*
~~PieceRangeBlock Block begins~~			Required 1 to many can be submitted	
~~PieceCount~~	Non-negative Integer		Conditionally Required	23 – See Appendix D
~~CopyCount~~	Non-negative Integer		Conditionally Required	23 – See Appendix D
~~IMBarcodeLowerSerialization Block begins~~			Required Only one can be submitted	
~~MailerID6~~	Number, 6 characters		Required Only one pairing of MailerID and SerialNumber is required	
~~SerialNumber9~~	Number, 9 characters		Required Only one pairing of MailerID and SerialNumber is required	
~~MailerID9~~	Number, 9 characters		Required Only one pairing of MailerID and SerialNumber is required	
~~SerialNumber6~~	Number, 6 characters		Required Only one pairing of MailerID and SerialNumber is required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~IMBarcodeLowerSerialization Block ends~~				
~~IMBarcodeUpperSerialization Block begins~~			Required Only one can be submitted	
~~MailerID6~~	Number, 6 characters		Required Only one pairing of MailerID and SerialNumber is required	
~~SerialNumber9~~	Number, 9 characters		Required Only one pairing of MailerID and SerialNumber is required	
~~MailerID9~~	Number, 9 characters		Required Only one pairing of MailerID and SerialNumber is required	
~~SerialNumber6~~	Number, 6 characters		Required Only one pairing of MailerID and SerialNumber is required	
~~IMBarcodeUpperSerialization Block ends~~				
~~MailPreparer Block begins~~			Not required Only one can be submitted	
~~MailerID6~~	Number, 6 characters		Not required Either MailerID6 or MailerID9 is submitted	
~~MailerID9~~	Number, 9 characters		Not required Either MailerID6 or MailerID9 is submitted	
~~CRID~~	Number, 10 characters		Not required	
~~SchedulerID~~			Field not being supported	
~~MaildatUserLicense~~			Field not being supported	
~~MailPreparer Block ends~~				

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~ServiceTypeCode~~	Number, 3 characters		Conditionally required if Mail Class is not provided	
~~MailClass~~	Number, 1 character		Conditionally required if Service Type Code is not provided	
~~ServiceLevelIndicator~~	String, 1 character	F = Full Service B = Basic P = POSTNET O = Other	Required	
~~PieceRangeBlock Block ends~~				
~~MailXMLPieceRangeBlock Block ends~~				

MailPieceCancelResponse

Purpose

Accept or reject a request to cancel a mailpiece or piece range

Business Rules

- Will accept if the mailpiece or piece range exists
- Will reject if the mailpiece or piece range does not exist
- Will reject if a mailpiece 'W' or 'S' indicators for WastedPieceIndicator have resulted in adjusting an already finalized postage statement
- The ReturnInfo block will have a description for rejection

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailPieceCreateAccept Block begins			Block received upon accepting request 1 to many can be submitted	
~~MailPieceConfirmID~~	~~String, 12 characters~~	-	~~Required~~	148, 149 – See Appendix D
~~CancelConfirmID~~	~~String, 12 characters~~	-	~~Required~~	149 – See Appendix D
ReturnInfo Block begins			Not required 0 to many blocks can be submitted	
ReturnCode	String, 4 characters		Not required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ReturnDescription	String, 260 characters		Required if ReturnInfo Block is submitted	
ReturnInfo Block ends				
MailPieceCreateAccept Block ends				
MailPieceCreateReject Block begins			Block received upon rejecting request 1 to many can be submitted	
ReturnInfo Block begins			Required 1 to many blocks can be submitted	
ReturnCode	String, 4 characters		Not required	
ReturnDescription	String, 260 characters		Required	
ReturnInfo Block ends				
MailPieceCreateReject Block ends				

MailPieceUpdateRequest

Purpose

Used to update a previously created mailpiece or piece range

Business Rules

- Must be submitted to a currently existing mailpiece or piece range
- Cannot update a mailpiece if the 'W' or 'S' indicators for WastedPieceIndicator have resulted in adjusting an already finalized postage statement
- Cannot update a mailpiece or piece range if postage has been finalized on its correspoding container

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
SubmittingParty Block			Required block; Identifies the customer submitting the message	
SubmittingSoftware Block			Required block; Identifies the software submitting the message	

Field	Format	Acceptable Values	Business Rules	Errata Identified
LargeTransactionDivideroptionalGroupType			To be added to Mail.XMl, Required by PO!	149 – See Appendix D
UserLicenseCode			Field not being supported	
MaildatJobID			Field not being supported	
PDRMailPieceBlock			Block not being supported	
PDRRangePieceBlock			Block not being supported	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID in the MailPieceCreateResponse message	
MailingGroupID	Non-negative Integer		Required field; must be populated with the same value as the MailingGroupID in the MailPieceCreateResponse message	
TransmittedCount	Non-negative Integer		Not required Count of records transmitted in message	
PieceRangeID	String, 22		Required	146 – See Appendix D
MailPieceBlock Block begins			1 to many can be submitted Either MailPieceBlock or MailXMLPieceRangeBlock submitted	64 – *See Appendix D for detail*
ServiceLevelIndicator	String, 1 character	F = Full Service B = Basic P = POSTNET O = Other	Required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~Customer~~ContainerID	String, 6	-	Required	24 – *See Appendix D* 112 – *See Appendix D*
LOTSequenceDirectionCode	String, 1 character		Not required Either WalkSequence Number or pair of LOTSequence DirectionCode and LOTSequence Number	
LOTSequenceNumber	Number, 4 characters		Not required Either WalkSequence Number or pair of LOTSequence DirectionCode and LOTSequence Number	
WalkSequenceNumber	Number, 5 characters		Not required Either WalkSequence Number or pair of LOTSequence DirectionCode and LOTSequence Number	
IMB Block begins			Required Only one block submitted	
BarcodeID	Number, 2 characters		Not required	
ServiceTypeCode	Number, 3 characters		Conditionally required if Mail Class is not provided	
MailClass	Number, 1 character		Conditionally required if Service Type Code is not provided	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailerID6	Number, 6 characters		Required Only one pairing of MailerID and SerialNumber is required	
SerialNumber9	Number, 9 characters		Required Only one pairing of MailerID and SerialNumber is required	
MailerID9	Number, 9 characters		Required Only one pairing of MailerID and SerialNumber is required	
SerialNumber6	Number, 6 characters		Required Only one pairing of MailerID and SerialNumber is required	
DeliveryPointZIP	Number, 11 characters		Not required	
IMB Block ends				
PlanetCode	Number, 13 characters		Not required; paired with DeliveryPointZIP	
DeliveryPointZIP	Number, 11 characters		Conditionally required if PlanetCode is submitted ; paired with PlanetCode	
DeliveryContainerID			Field not being supported; paired with DeliveryPointZIP	
DeliveryPointZIP			Field not being supported in conjunction with DeliveryContainerID	
PieceID	String, 22 characters		Required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
WastedPieceIndicator	String, 1 character	W = Wasted S = Shortage X = Wasted piece and postage adjustment should NOT be triggered T = Shortage pieces not produced and postage adjustment should NOT be triggered	Not required	21 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Identified
MLOCRrateANDpostageMarking	String, 7 characters	Letters/Flats P1/F1 = Barcoded 1-ounce Permit Imprint P2/F2 = Barcoded 2-ounce Permit Imprint P3/F3 = Barcoded 3-ounce Permit Imprint P4/F4 = Barcoded 4-ounce Permit Imprint /F5 = Barcoded 5-ounce Permit Imprint /F6 = Barcoded 6-ounce Permit Imprint /F7 = Barcoded 7-ounce Permit Imprint /F8 = Barcoded 8-ounce Permit Imprint /F9 = Barcoded 9-ounce Permit Imprint /F0 = Barcoded 10-ounce Permit Imprint /FA = Barcoded 11-ounce Permit Imprint /FB = Barcoded 12-ounce Permit Imprint /FC = Barcoded 13-ounce Permit Imprint 51/MF = Barcoded 5-Digit Meter Postage Affixed - 1 ounce 52/ = Barcoded 5-	Not required	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MoveComplianceUpdateMethod	String, 1 character	1, 2, 3, 4, 5, 6, 7	Not required	
MailOwner Block begins			Not required Only one block submitted	
MailerID6	Number, 6 characters		Not required	
MailerID9	Number, 9 characters		Not required	
CRID	Number, 10 characters		Not required	
SchedulerID			Field not being supported	
MaildatUserLicense			Field not being supported	
~~MailOwner~~ PermitPublicationData Block begins			Not required Only one block submitted	145 – See Appendix D
PermitNumber	String, 8 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	
PermitType	String, 2 characters	PI = Permit Imprint MT = Meterd Tape PC = Precanceled Stamps BR = Business Reply PE = Periodicals GH = Ghost OI = Official Imprint OM = Official Metered	Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*

Field	Format	Acceptable Values	Business Rules	Errata Identified
PermitZip4	String, 9 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109, 110 – *See Appendix D*
PublicationNumber	String, 9 characters		Optional field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	
~~MailOwner~~ PermitPublicationData Block ends				145 – See Appendix D
MailOwnerMID6	String, 6 characters		Optional field; either MailOwnerMID6 or MailOwnerMID9 populated	22 – *See Appendix D for detail*
MailOwnerMID9	String, 9 characters		Optional field; either MailOwnerMID6 or MailOwnerMID9 populated	22 – *See Appendix D for detail*
MailOwner Block ends				
BarCodeApplicator Block begins			Not required	
MailerID6	Number, 6 characters		Not required	
MailerID9	Number, 9 characters		Not required	
CRID	Number, 10 characters		Not required	
SchedulerID			Field not being supported	
MaildatUserLicense			Field not being supported	
BarCodeApplicator Block ends				
MachineID	String, 4 characters		Not required	
CustomerBundleID	String, 12 characters		~~Not required~~ Required	25 – See Appendix D
ACSKeyline	String, 16 characters		Not required	61 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailPieceBlock Block ends				
MailXMLPieceRangeBlock Block begins			0 to 1 can be submitted Either MailPieceBlock or MailXMLPiece RangeBlock submitted	
~~Customer~~ContainerID	String 6 characters		Required	24 – *See Appendix D* 48 – *See Appendix D for detail* 51 – *See Appendix D for detail*
PieceRangeBlock Block begins			Required 1 to many can be submitted	
RangePieceCount	Non-negative Integer		Required	
IMBarcodeLowerSerialization Block begins			Required Only one can be submitted	
MailerID6	Number, 6 characters		Required Only one pairing of MailerID and SerialNumber is required	
SerialNumber9	Number, 9 characters		Required Only one pairing of MailerID and SerialNumber is required	
MailerID9	Number, 9 characters		Required Only one pairing of MailerID and SerialNumber is required	
SerialNumber6	Number, 6 characters		Required Only one pairing of MailerID and SerialNumber is required	
IMBarcodeLowerSerialization Block ends				

Field	Format	Acceptable Values	Business Rules	Errata Identified
IMBarcodeUpperSerialization Block begins			Required Only one can be submitted	
MailerID6	Number, 6 characters		Required Only one pairing of MailerID and SerialNumber is required	
SerialNumber9	Number, 9 characters		Required Only one pairing of MailerID and SerialNumber is required	
MailerID9	Number, 9 characters		Required Only one pairing of MailerID and SerialNumber is required	
SerialNumber6	Number, 6 characters		Required Only one pairing of MailerID and SerialNumber is required	
IMBarcodeUpperSerialization Block ends				
MailPreparer Block begins			Not required Only one can be submitted	
MailerID6	Number, 6 characters		Not required Either MailerID6 or MailerID9 is submitted	
MailerID9	Number, 9 characters		Not required Either MailerID6 or MailerID9 is submitted	
CRID	Number, 10 characters		Not required	
SchedulerID			Field not being supported	
MaildatUserLicense			Field not being supported	
MailPreparer Block ends				
ServiceTypeCode	Number, 3 characters		Conditionally required if Mail Class is not provided	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailClass	Number, 1 character		Conditionally required if Service Type Code is not provided	
ServiceLevelIndicator	String, 1 character	F = Full Service B = Basic P = POSTNET O = Other	Required	
PieceRangeBlock Block ends				
MailXMLPieceRangeBlock Block ends				

MailPieceUpdateResponse

Purpose

Accept or reject a request to update a mailpiece or piece range

Business Rules

- Will accept if the mailpiece or piece range exists
- Will reject if the mailpiece or piece range does not exist
- Will reject if a mailpiece 'W' or 'S' indicators for WastedPieceIndicator have resulted in adjusting an already finalized postage statement
- Will reject if postage has been finalized on the mailpiece or piece range's corresponding container
- The ReturnInfo block will have a description for rejection

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
ERRATA # 149: Deleted the 'LargeTransactionDividerGroupType'				149 – See Appendix D
MailPieceCreateAccept Block begins			Block received upon accepting request 1 to many can be submitted	
~~MailPieceConfirmID~~	-	-	~~Required~~	148, 149 – See Appendix D
ReturnInfo Block begins			Not required 0 to many blocks can be submitted	
ReturnCode			Not required	
ReturnDescription	String, 260 characters		Required if ReturnInfo Block is submitted	
ReturnInfo Block ends				

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailPieceCreateAccept Block ends				
MailPieceCreateReject Block begins			Block received upon rejecting request 1 to many can be submitted	
ReturnInfo Block begins			Required 1 to many blocks can be submitted	
ReturnCode			Not required	
ReturnDescription	String, 260 characters		Required	
ReturnInfo Block ends				
MailPieceCreateReject Block ends				

SiblingContainerCreateRequest

Purpose

Message allows customers to add sibling containers to original containers when the a container in the mailing cannot support all mail pieces/handling units. The same message is to be used for Mail.XMl Qualification data uypdate when adding physical containers and handling units for Logical containers and handling units

Business Rules

- Must previously provide the original container information to the PostalOne! system
- Customer will be allowed to add one or more sibling containers to a single container through one SiblingContainerCreateRequest message
- A mailing group and qualification report must be submitted for the linked container before submitting the linkage request for MailXML containers. The core function for Mail.XMl eDoc through this message is to add physical containers/handling units.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
SubmittingPartyBlock			Required block Identifies the customer submitting the message	
SubmittingPartyBlock			Required block Identifies the software submitting the message	
OriginalContainer block begins			Required block; block of data the has been stored in the PostalOne! system	
UserLicenseCode	String, 4 characters		Required field; references existing Mail.dat container	
MaildatJobID	String, 8 characters		Required field; references existing Mail.dat container	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ContainerID	String, 6 characters		Required field; references existing Mail.dat container (will be used as the Sibling Container ID of the SiblingContainer)	24 – *See Appendix D* 136 – see appendix D
UniqueContainerBarcode	String, 24 characters		Optional field; references existing Mail.dat container	3, 26 – See Appendix D
OriginalContainer block ends				
NewSiblingContainer block begins			Required block; identifies the sibling container linked to the original container (1 to many siblings to an original container)	
UserLicenseCode	String, 4 characters		Required field; must be populated with the same value as the UserLicenseCode in the OriginalContainer block	
MaildatJobID	String, 8 characters		Required field; must be populated with the same value as the MaildatJobID in the OriginalContainer block	
ContainerID	String, 6 characters		Required field; must be populated with a unique value within the MaildatJobID	24 – *See Appendix D* 136 – See Appendix D

Field	Format	Acceptable Values	Business Rules	Errata Identified
UniqueContainerBarcode	String, 24 characters		Optional field; must be populated with a unique value within the MaildatJobID	3, 26 – See Appendix D
ContainerType	String, 1	1 = #1 Sack 2 = #2 Sack 3 = #3 Sack 4 = 01V Sack 5 = 03V Sack E = EMM Tray F = Flat Tub L = Logical Tray O = 1' Tray P = Pall S = Sack (general) T = 2' Tray V = Virtual Sack B = Bedload U = Unit Load Device Z = User Pallet W = Walled Unit X = Other	Required	114 – *See Appendix D*
NewSiblingContainer block END				

SiblingContainerCreateResponse

Purpose

Responds to the customer's request to determine if the sibling containers are valid

Business Rules

- Must be returned to the customer after the SiblingContainerCreateRequest message is sent by the customer to PostalOne!
- Will reject if original container information does not exist in PostalOne! system

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified

Field	Format	Acceptable Values	Business Rules	Errata Identified
SiblingContainerCreateAccept block begins			Response from USPS indicating that the SiblingContainerCreateRequest message was accepted	
NewSiblingContainer block begins			Required block; identifies the sibling container to be added	
UserLicenseCode	String, 4 characters		Conditionally required references existing Mail.dat container	
MaildatJobID	String, 8 characters		Conditionally required references existing Mail.dat container	
CustomerGroupID	String 25		Conditionally required	
MailingGroupID	Non negative Integer		Conditionally required	
ContainerID	String, 6 characters		Required field; must be populated with the same value as the DatabaseContainerID in the NewSiblingContainer block of the SiblingContainerCreateRequest	24 – *See Appendix D* 48 - See Appendix D

Field	Format	Acceptable Values	Business Rules	Errata Identified
UniqueContainerBarcode	String, 24 characters		Optional field; must be populated with the same value as the UniqueContainerBarcode in the NewSiblingContainer block of the SiblingContainerCreateRequest	3, 26 – See Appendix D
ContainerType	String, 1	-1 = #1 Sack 2 = #2 Sack 3 = #3 Sack 4 = 01V Sack 5 = 03V Sack E = EMM Tray F = Flat Tub L = Logical Tray O = 1' Tray P = Pall S = Sack (general) T = 2' Tray V = Virtual Sack B = Bedload U = Unit Load Device Z = User Pallet W = Walled Unit X = Other	Required	114 – *See Appendix D*
NewSiblingContainer block ends				
~~ConfirmID~~	~~String, 12 characters~~	-	~~Required field~~	~~78 – See Appendix D~~
ReturnInfo block begins			Optional block; 0 to many pairings of ReturnCode and ReturnDescription	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
ReturnInfo block ends				

Field	Format	Acceptable Values	Business Rules	Errata Identified
SiblingContainerCreateAccept block ends				
SiblingContainerCreateReject block begins			Response from USPS indicating that the SiblingContainerCreateRequest message was rejected	
OriginalContainer block begins			Required block; identifies the sibling container to be added	
UserLicenseCode	String, 4 characters		Conditionally required references existing Mail.dat container	
MaildatJobID	String, 8 characters		Conditionally required references existing Mail.dat container	
CustomerGroupID	String 25		Conditionally required	
MailingGroupID	Non negative Integer		Conditionally required	
ContainerID	String, 6 characters		Required field; must be populated with the same value as the DatabaseContainerID field in the OriginalContainer block of the SiblingContainerCreateRequest	24 – *See Appendix D* 48 – See Appendix D

Field	Format	Acceptable Values	Business Rules	Errata Identified
UniqueContainerBarcode	String, 24 characters		Optional field; must be populated with the same value as the UniqueContainerBarcode field in the OriginalContainer block of the SiblingContainerCreateRequest	3, 26 – See Appendix D
OriginalContainer block ends				
RejectedSiblingContainer begins			Required block; 1 to many pairings	
UserLicenseCode	String, 4 characters		Required field; references existing Mail.dat container	
MaildatJobID	String, 8 characters		Required field; references existing Mail.dat container	
ContainerID	String, 6 characters		Required field; must be populated with the same value as the DatabaseContainerID in the NewSiblingContainer block of the SiblingContainerCreateRequest	24 – *See Appendix D* 48 – See Appendix D
UniqueContainerBarcode	String, 24 characters		Optional field; must be populated with the same value as the UniqueContainerBarcode in the NewSiblingContainer block of the SiblingContainerCreateRequest	3, 26 – See Appendix D

Field	Format	Acceptable Values	Business Rules	Errata Identified
ContainerType	String, 1	-1 = #1 Sack 2 = #2 Sack 3 = #3 Sack 4 = 01V Sack 5 = 03V Sack E = EMM Tray F = Flat Tub L = Logical Tray O = 1' Tray P = Pall S = Sack (general) T = 2' Tray V = Virtual Sack B = Bedload U = Unit Load Device Z = User Pallet W = Walled Unit X = Other	Required	114 – *See Appendix D*
RejectedSiblingContainer block ends				
ReturnInfo block begins			Required block	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
ReturnInfo block ends			End of block	
SiblingContainerCreateReject block ends			End of block	

SiblingContainerCancelRequest

Purpose

Cancel sibling containers that are tied to the original container and are not necessary

Business Rules

- Must have previously provided the original container information and the sibling container information to the PostalOne! system
- Customer will be allowed to remove one or more sibling containers from a single original container through a single SiblingContainerCancelRequest message

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified

Field	Format	Acceptable Values	Business Rules	Errata Identified
SubmittingPartyBlock			Required block Identifies the customer submitting the message	
SubmittingPartyBlock			Required block Identifies the software submitting the message	
OriginalContainer block begins			Required block	
UserLicenseCode	String, 4 characters		Conditionally required references existing Mail.dat container	
MaildatJobID	String, 8 characters		Conditionally required references existing Mail.dat container	
CustomerGroupID	String 25		Conditionally required	
MailingGroupID	Non negative Integer		Conditionally required	
ContainerID	String, 6 characters		Required field; references existing Mail.dat container	24 – *See Appendix D* 136 – See appendix D
UniqueContainerBarcode	String, 24 characters		Optional field; references existing Mail.dat container	3, 26 – See Appendix D
~~ContainerType~~	~~String, 1~~	-	~~Required~~	114 – *See Appendix D*
OriginalContainer block ends			End of block	
SiblingToDelete block begins			Required block; identifies the sibling container to be removed (1 to many pairings)	
UserLicenseCode	String, 4 characters		Conditionally required references existing Mail.dat container	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MaildatJobID	String, 8 characters		Conditionally required references existing Mail.dat container	
CustomerGroupID	String 25		Conditionally required	
MailingGroupID	Non negative Integer		Conditionally required	
ContainerID	String, 6 characters		Required field; must be populated with the same value as the value populated in the DatabaseContainerID field of the existing sibling container	24 – *See Appendix D* 136 – See Appendix D
UniqueContainerBarcode	String, 24 characters		Optional field; must be populated with the same value as the value populated in the UniqueContainerBarcode field of the existing sibling container	3, 26 – See Appendix D
ContainerType	String, 1	-	Required	114 – *See Appendix D*
SiblingToDelete block ends			End of block	
ReturnInfo block begins			Optional block	115 See Appendix D
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
ReturnInfo block ends			End of block	

SiblingContainerCancelResponse

Purpose

Responds to the customer's request to determine if the sibling containers can be cancelled

Business Rules

- Must be returned to the customer after the SiblingContainerCancelRequest message is sent by the customer to PostalOne!
- Will Will reject if any of the containers have been finalized
- Will reject if original container information does not exist in PostalOne! system

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
SIblingContainerCancelAccept block begins			Response from USPS indicating that the SiblingContainerCancelRequest message was accepted	
SiblingIdentifierHeaderInfo block begins			Attributes block	
UserLicenseCode	String, 4 characters		Required field; must be populated with the same value as the value populated in the UserLicenseCode field of the SiblingToDelete block of the SiblingContainerCancelRequest message	
MaildatJobID	String, 8 characters		Required field; must be populated with the same value as the value populated in the MaildatJobID field of the SiblingToDelete block of the SiblingContainerCancelRequest message	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ContainerID	String, 6 characters		Required field; must be populated with the same value as the value populated in the DatabaseContainerID field of the SiblingToDelete block of the SiblingContainerCancelRequest message	24 – *See Appendix D* 48 – See Appendix D
UniqueContainerBarcode	String, 24 characters		Optional field; must be populated with the same value as the value populated in the UniqueContainerBarcode field of the SiblingToDelete block of the SiblingContainerCancelRequest message	3, 26 – See Appendix D
SiblingIdentifierHeaderInfo block ends			End of block	
CancelConfirmID	String, 12 characters		Required field	
SIblingContainerCancelAccept block ends			End of block	
SiblingContainerCancelReject block begins			Response from USPS indicating that the SiblingContainerCancelRequest message was rejected	
SiblingIdentifierHeaderInfo block begins			Attributes block	

Field	Format	Acceptable Values	Business Rules	Errata Identified
UserLicenseCode	String, 4 characters		Required field; must be populated with the same value as the value populated in the UserLicenseCode field of the SiblingToDelete block of the SiblingContainerCancelRequest message	
MaildatJobID	String, 8 characters		Required field; must be populated with the same value as the value populated in the MaildatJobID field of the SiblingToDelete block of the SiblingContainerCancelRequest message	
ContainerID	String, 6 characters		Required field; must be populated with the same value as the value populated in the DatabaseContainerID field of the SiblingToDelete block of the SiblingContainerCancelRequest message	24 – *See Appendix D* 48 – See Appendix D

Field	Format	Acceptable Values	Business Rules	Errata Identified
UniqueContainerBarcode	String, 24 characters		Optional field; must be populated with the same value as the value populated in the UniqueContainerBarcode field of the SiblingToDelete block of the SiblingContainerCancelRequest message	3, 26 – See Appendix D
SiblingIdentifierHeaderInfo block ends			End of block	Also see 29, Consigneefacility is Removed, See Appendix D
ReturnInfo			Required block	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
ReturnInfo			End of block	
SiblingContainerCancelReject block ends			End of block	

PostageAdjustmentCreateRequest

Purpose

Customer provides PostageAdjustmentCreateRequest message to document spoilage and shortage pieces

Business Rules

- Message can only be sent if a PostageStatementCreateRequest message has been sent previously and the PostalOne! system has responded with the PostageStatementCreateAccept block in the PostageStatementCreateResponseResponse message
- Message can only adjust postage statements that have not been finalized
- Message can only adjust postage statements with the latest mailing date for the same value populated in the StatementID field

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified

Field	Format	Acceptable Values	Business Rules	Errata Identified
SubmittingParty Block			Required block; Identifies the customer submitting the message	
SubmittingSoftware Block			Required block; Identifies the software submitting the message	
UserLicenseCode	String, 4 characters		Field not being supported; using the CustomerGroupID and MailingGroupID	
MaildatJobID	String, 8 characters		Field not being supported; using the CustomerGroupID and MailingGroupID	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the value populated in the CustomerGroupID field in the PostagestatementCreateResponse message	
MailingGroupID	Non-negative Integer		Required field; must be populated with the same value as the value populated in the MailingGroupID field in the PostagestatementCreateResponse message	
PostageAdjustment Block begins			Required field; 1 to many pairings can be submitted	
PostageAdjustmentUserID	String, 12 characters		Required field	

Field	Format	Acceptable Values	Business Rules	Errata Identified
StatementID	Non-negative Integer		Required field; must be populated with the same value as the value populated in the StatementID field in the PostageStatementCreateAccept block of the PostageStatementCreateResponse	

Field	Format	Acceptable Values	Business Rules	Errata Identified
RateType	String	R = Regular L = Library Mail B = Bound Printed Matter C = Classroom S = Science of Agriculture F = Media Mail A = Alt Delivery N = Nonprofit P = Parcel Post T = Priority Mail D = Parcel Select X = Other E = Priority Mail Flat fixed (Rate Envelope) G = Priority Mail Flat fixed (Rate Box) J = Priority Mail Flat = Large Box K = Priority Mail Flat = Large Box APO/FPO W = Science of Agriculture Limited Circulation Y = Regular Limited Circulation (H, M?) [International: 1 = UA, 2 = UL, 3 = UM, 4 = UR]	Optional field	
AdjustmentDate	Date		Required field	

Field	Format	Acceptable Values	Business Rules	Errata Identified
AdjustmentType	String	1 = Re-Order in excess of tolerance 2 = "Average Remail" Add-on 3 = Spoilage 4 = Shortage	Required field	
AdjustmentAmount	Number		Required field	
CreditDebitIndicator	String, 1 character	C = Credit D = Debit	Required field	
TotalPiecesAffected	Non-negative Integer		Required field	
UserComments	String, 20 characters		Optional field	
UserPostageStatementID	String, 10 characters		Optional field	
AdjustmentStatus	String, 1 character	R = Ready to Pay X = Paid C = Cancel P = Preliminary Postage Statement T = Transportation Information Update, if after "R"	Optional field	
PostageAdjustment Block ends				

PostageAdjustmentCreateResponse

Purpose

Response from the PostalOne! system informing the customer of whether the postage adjustment data sent in the PostageAdjustmentCreateRequest message has been accepted

Business Rules

- Must be returned to the customer after the PostageAdjustementCreateRequest message is sent by the customer to PostalOne!

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified

Field	Format	Acceptable Values	Business Rules	Errata Identified
PostageAdjustmentCreateAccept Block begins			Response from USPS indicating that the data in the PostageAdjustmentCreateRequest message was accepted	151 – See Appendix D
UserLicenseCode			Field not being supported; using the CustomerGroupID and MailingGroupID	
MaildatJobID			Field not being supported; using the CustomerGroupID and MailingGroupID	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the value populated in the CustomerGroupID field in the PostageStatementCreateAccept block of the PostageStatementCreateResponse	
MailingGroupID	Non-negative Integer		Required field; must be populated with the same value as the value populated in the MailingGroupID field in the PostageStatementCreateAccept block of the PostageStatementCreateResponse	

Field	Format	Acceptable Values	Business Rules	Errata Identified
PostageAdjustmentUserID	String, 12 characters		Required field; 1 to many pairings of PostageAdjustmentUserID, PostageAdjustmentConfirmID and ReturnInfo Block can be submitted	
PostageAdjustmentConfirmID	String, 12 characters		Required field; 1 to many pairings of PostageAdjustmentUserID, PostageAdjustmentConfirmID and ReturnInfo Block can be submitted	152 – See Appendix D
ReturnInfo Block begins			Optional field; 0 to many blocks can be submitted	
ReturnCode	String, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required if ReturnInfo Block is submitted	
ReturnInfo Block ends			1 to many pairings of PostageAdjustmentUserID, PostageAdjustmentConfirmID and ReturnInfo Block can be submitted	
PostageAdjustmentCreateAccept Block ends				
PostageAdjustmentCreateReject Block begins			Response from USPS indicating that the PostageAdjustmentCreateRequest message was rejected	
UserLicenseCode			Field not being supported	
MaildatJobID			Field not being supported	

Field	Format	Acceptable Values	Business Rules	Errata Identified
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the value populated in the CustomerGroupID field in the PostageStatementCreateAccept block of the PostageStatementCreateResponse	
MailingGroupID	Non-negative Integer		Required field; must be populated with the same value as the value populated in the CustomerGroupID field in the PostageStatementCreateAccept block of the PostageStatementCreateResponse	
PostageAdjustmentUserID	String, 12 characters		Required field; 1 to many pairings of PostageAdjustmentUserID and ReturnInfo Block can be submitted	
ReturnInfo Block begins			Required block	
ReturnCode	String, 4 characters		Optional field; 0 to many can be submitted	
ReturnDescription	String, 260 characters		Required field; 1 to many can be submitted	
ReturnInfo Block ends				
PostageAdjustmentCreateReject Block ends				

OriginalContainerLinkageCreateRequest

Purpose

Used to create a co-palletized container relationship

Business Rules

- A new mailing group and qualification report must be submitted for the linked container before submitting the linkage request for MailXML containers
- The original container must already exist in the PostalOne! system

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
OriginalContainerLinkageCreateHeaderInfo block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field	
MailingGroupID	Non-Negative integer		Required field	
OriginalContainerLinkageCreateHeaderInfo block ends				
SubmittingParty Block			Required block; Identifies the customer submitting the message	
SubmittingSoftware Block			Required block; Identifies the software submitting the message	
OriginalContainer block begins			Required block; identifies the original container existing in the database	
MailDatContainer block begins			Required block; MaildatContainer or MailXMLContainer blocks must be submitted	
UserLicenseCode	String, 4 characters		Required field; must match the User License Code from the .hdr file in mail.dat	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MaildatJobID	String, 8 characters		Required field; must match the Job ID from the .csm file in mail.dat	
ContainerID	String, 6 characters		Required field; must match the Container ID from the .csm file in mail.dat	24 – *See Appendix D* 48 – See Appendix D
UniqueContainerBarcode	String, 24 characters		Optional field	3, 26 – See Appendix D
MailDatContainer block ends				
MailXMLContainer block begins			Required block; MaildatContainer or MailXMLContainer block must be submitted	
MailingGroupID	Non-Negative integer		Required field; MailingGroupID and CustomerGroupID must be populated	
CustomerGroupID	String, 25 characters		Required field; MailingGroupID and CustomerGroupID must be populated	
~~CustomerContainerID~~	~~String, 6 characters~~		Required field	24 – *See Appendix D*
ContainerID	String, 6 characters		Field not supported; using the CustomerContainerID	24 – *See Appendix D*
MailXMLContainer block ends				
ContainerBarcode	String, 24 characters		Required field	3 See Appendix D
OriginalContainer block ends				
LinkedContainer block begins			Required block; identifies the container information linked to the original container stored in the database	
MaildatContainer block begins			Block not supported	

Field	Format	Acceptable Values	Business Rules	Errata Identified
UserLicenseCode	String, 4 characters		Field not supported	
MaildatJobID	String, 8 characters		Field not supported	
~~Database~~ContainerID	String, 6 characters		Field not supported	
UniqueContainerBarcode	String, 24 characters		Field not supported	3, 26 – See Appendix D
MailDatContainer block ends				
MailXMLContainer block begins			Required block	
MailingGroupID	Non-Negative integer		Required field; MailingGroupID and CustomerGroupID must be populated	
CustomerGroupID	String, 25 characters		Required field; MailingGroupID and CustomerGroupID must be populated	
~~CustomerContainerID~~	~~String, 6 characters~~		Required field	24 – *See Appendix D*
ContainerID	String, 6 characters		Field not supported; using the CustomerContainerID	24 – *See Appendix D*
MailXMLContainer block ends				
ContainerBarcode	String, 24 characters		Required field	3, 26 – See Appendix D
LinkedContainer block ends				

OriginalContainerLinkageCreateResponse

Purpose

Accept or reject a request Container Linkage request

Business Rules

- Will accept if the containers exist
- Will reject if postage has been finalized on any of the containers
- The ReturnInfo block will have a description for rejection

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified

Field	Format	Acceptable Values	Business Rules	Errata Identified
LinkedContainerCreateAccept block begins			Response from USPS indicating that the OriginalConatinerLinkageCreateRequest message was accepted	
OriginalContainerLinkageHeaderInfo block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID in the OriginalContainerLinkageCreateRequest message	
MailingGroupID	Non-Negative integer		Required field; must be populated with the same value as the MailingGroupID in the OriginalContainerLinkageCreateRequest message	
OriginalContainerLinkageHeaderInfo block begins				
OriginalContainer block begins			Required block; identifies the original container existing in the database	
MailDatContainer block begins			Required block; MaildatContainer or MailXMLContainer blocks must be submitted	

Field	Format	Acceptable Values	Business Rules	Errata Identified
UserLicenseCode	String, 4 characters		Required field; must be populated with the same value as the UserLicenseCode in the OriginalContainerLinkageCreateRequest message	
MaildatJobID	String, 8 characters		Required field; must be populated with the same value as the MaildatJobID in the OriginalContainerLinkageCreateRequest message	
~~Database~~ContainerID	String, 6 characters		Required field; must be populated with the same value as the DatabaseContainerID in the OriginalContainerLinkageCreateRequest message	
UniqueContainerBarcode	String, 24 characters		Optional field	3, 26 – See Appendix D
MailDatContainer block ends				
MailXMLContainer block begins			Required block; MaildatContainer or MailXMLContainer block must be submitted	
MailingGroupID	Non-Negative integer		Required field; MailingGroupID and CustomerGroupID must be populated	
CustomerGroupID	String, 25 characters		Required field; MailingGroupID and CustomerGroupID must be populated	

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~CustomerContainerID~~	~~String, 6 characters~~		Required field	24 – *See Appendix D*
ContainerID	String, 6 characters		Field not supported; using the CustomerContainerID	24 – *See Appendix D for detail*
MailXMLContainer block ends				
ContainerBarcode	String, 24 characters		Required field	3, 26 – See Appendix D
OriginalContainer block ends				
LinkedContainer block begins			Required block; identifies the container information linked to the original container stored in the database	
MaildatContainer block begins			Block not supported	
UserLicenseCode	String, 4 characters		Field not supported	
MaildatJobID	String, 8 characters		Field not supported	
DatabaseContainerID	String, 6 characters		Field not supported	
UniqueContainerBarcode	String, 24 characters		Field not supported	3, 26 – See Appendix D
MailDatContainer block ends				
MailXMLContainer block begins			Required block; MaildatContainer or MailXMLContainer block must be submitted	
MailingGroupID	Non-Negative integer		Required field; MailingGroupID and CustomerGroupID must be populated	
CustomerGroupID	String, 25 characters		Required field; MailingGroupID and CustomerGroupID must be populated	
~~CustomerContainerID~~	~~String, 6 characters~~	-	Required field	24 – *See Appendix D*

Field	Format	Acceptable Values	Business Rules	Errata Identified
ContainerID	String, 6 characters		Field not supported; using the CustomerContainerID	24 – *See Appendix D for detail*
MailXMLContainer block ends				
ContainerBarcode	String, 24 characters		Required field	3, 26 – See Appendix D
LinkedContainer block ends				
LinkTransactionID	String, 12 characters		Required field	
ReturnInfo block begins			Optional block	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
ReturnInfo block ends				
LinkedContainerCreateAccept block ends				
LinkedContainerCreateReject			Response from USPS indicating that the OriginalConatinerLinkageCreateRequest message was rejected	
OriginalContainerLinkageCreateHeaderInfo			Attributes block	
CustomerGroupID	String, 25 characters		Required field	
MailingGroupID	Non-Negative integer		Required field	
OriginalContainerLinkageCreateHeaderInfo				
OriginalContainer block begins			Required block; identifies the original container existing in the database	
MaildatContainer block begins			Required block; MaildatContainer or MailXMLContainer blocks must be submitted	
UserLicenseCode	String, 4 characters		Required field	
MaildatJobID	String, 8 characters		Required field	

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~Database~~ContainerID	String, 6 characters		Required field	
UniqueContainerBarcode	String, 24 characters		Optional field	3, 26 – See Appendix D
MailDatContainer block ends				
MailXMLContainer block begins			Required block; MaildatContainer or MailXMLContainer block must be submitted	
MailingGroupID	Non-Negative integer		Required field; MailingGroupID and CustomerGroupID must be populated	
CustomerGroupID	String, 25 characters		Required field; MailingGroupID and CustomerGroupID must be populated	
~~CustomerContainerID~~	~~String, 6 characters~~	-	~~Required field~~	24 – *See Appendix D*
ContainerID	String, 6 characters		Field not supported; using the CustomerContainerID	24 – *See Appendix D for detail*
MailXMLContainer block ends				
ContainerBarcode	String, 24 characters		Required field	3, 26 – See Appendix D
OriginalContainer block ends				
LinkedContainer block begins			Required block; identifies the container information linked to the original container stored in the database	
MaildatContainer block begins			Block not supported	
UserLicenseCode	String, 4 characters		Field not supported	
MaildatJobID	String, 8 characters		Field not supported	
DatabaseContainerID	String, 6 characters		Field not supported	
UniqueContainerBarcode	String, 24 characters		Field not supported	3, 26 – See Appendix D

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailDatContainer block ends				
MailXMLContainer block begins			Required block; MaildatContainer or MailXMLContainer block must be submitted	
MailingGroupID	Non-Negative integer		Required field; MailingGroupID and CustomerGroupID must be populated	
CustomerGroupID	String, 25 characters		Required field; MailingGroupID and CustomerGroupID must be populated	
~~CustomerContainerID~~	~~String, 6 characters~~		Required field	24 – *See Appendix D*
ContainerID	String, 6 characters		Field not supported; using the CustomerContainerID	24 – *See Appendix D for detail*
MailXMLContainer block ends				
ContainerBarcode	String, 24 characters		Required field	3, 26 – See Appendix D
LinkedContainer block ends				
ReturnInfo block begins			Required block	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
ReturnInfo block ends				
LinkedContainerCreateReject block ends				

OriginalContainerLinkageCancelRequest

Purpose

Used to cancel an existing Container Linkage

Business Rules

- Must be submitted to a currently container linkage relationship
- Cannot cancel a container linkage if postage has been finalized on any of the containers

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
SubmittingParty Block			Required block; Identifies the customer submitting the message	
SubmittingSoftware Block			Required block; Identifies the software submitting the message	
LinkTransactionID	String, 12 characters		Required field	
ReturnInfo block begins			Optional block	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
ReturnInfo block ends			End of block	

OriginalContainerLinkageCancelResponse

Purpose

Accept or reject a request to cancel a Container Linkage

Business Rules

- Will accept if the container linkage relationship exists
- Will reject if postage has been finalized on any of the containers
- The ReturnInfo block will have a description for rejection

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
OriginalContainerLinkageCancelAccept block begins			Response from USPS indicating that the OriginalContainerLinkageCancelRequest message was accepted	
CancelConfirmID	String, 12 characters		Required field	
OriginalContainerLinkageCancelAccept block ends				

Field	Format	Acceptable Values	Business Rules	Errata Identified
OriginalContainerLinkageCancelRejec t block begins			Response from USPS indicating that the OriginalContain erLinkageCanc elRequest message was rejected	
ReturnInfo block begins			Required block	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
ReturnInfo block ends				
OriginalContainerLinkageCancelRejec t block ends				

PeriodicalStatementCreateRequest

Purpose

Allows the USPS customer to submit a Periodicals postage statement to a mailing group

Business Rules

- Mail owner or preparer must send the OpenMailingGroupRequest message and open a mailing group successfully (receive a MailingGroupID) in an acceptance message before sending this message
- Mail owner or preparer must send the QualificationReportCreateRequest message and receive an accepted response that the mailing is qualified before sending this message
- Mail owner or preparer must send the ContainerBundleReportCreateRequest message and receive an accept response before sending this message
- Mail owner or preparer must send this message before sending the ConsolidatedPeriodicalStatementRequest message

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailXMLPostageStatementRequestH eaderInfo block begins			Attributes block	
CustomerGroupID	String, 25 Characters		Required field	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailingGroupID	Non-Negative Integer		Required field; must be populated with the same value as the MailingGroupID from the successfully sent OpenMailingGroupRequest message	
MailXMLPostageStatementRequestHeaderInfo block ends				
SubmittingParty Block			Required block; Identifies the customer submitting the message	
SubmittingSoftware Block			Required block; Identifies the software submitting the message	
CreatePeriodicalStatementData block begins			Required block; contains data critical to postage statement calculation	
PendingPostageAmount	Decimal	-	Optional	175 – See Appendix D
AdvertisingPercentage	Percentage		Required field; 5 total digits with a max value of 100.00	
VolumeNumber	String, 5	-	Optional	122 – See Appendix D
IssueNumber	String, 6	-	Optional	162 – See Appendix D
AutomationAddressMatchDate	Date		Optional field; Required for Automation mailings	
CustomerReferenceID	String, 40 characters		Optional field; Used to populate Customer Reference ID	

Field	Format	Acceptable Values	Business Rules	Errata Identified
UserPostageStatementID	String, 10 characters		Optional field; Used to populate User Postage Statement ID to uniquely identify postage statement	
CarrierRouteAddressMatchingDate	Date		Optional field; Required for Carrier Route Automation pieces	
CarrierRouteSequencingDate	Date		Optional field; Required for Carrier Route Sequencing pieces	Also see 31 – mailing Group Id field removed from this block, See Appendix D
CertificationData block begins			Required block; data used in the certiciation statement section of the postage statement	
ContactName	String, 40 characters		Required field	
PhoneAreaCode	Numeric, 3 characters		Required field; must be exactly 3 characters	
PhoneLast4	Numeric, 4 characters		Required field; must be exactly 4 characters	
PhonePrefix	Numeric, 3 characters		Required field; must be exactly 3 characters	
CertificationData block ends				
ContainerCount block begins			Required block; at least one of the fields in this block must be populated with a nonzero value	15 – *See Appendix D for detail*
OtherType	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Identified
Pallets	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
Sacks	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
Trays1mm	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
Trays2emm	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
Trays2mm	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
TraysFlat	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
ContainerCount block ends				
CopyWeight	Decimal		Required field; used for PostalOne! postage calculation	30 – *See Appendix D for detail*
EditionCode	String, 20 characters		Optional field; printed on postage statement if provided	
FirstIssueDate	Date		Optional field; not used by PostalOne!	
FormType	String	PE = Periodicals	Required field	
IssueDate	Date		Required field	

Field	Format	Acceptable Values	Business Rules	Errata Identified
IssueFrequency	String, 20 characters		Optional field; populated with the frequency the postage statement comes from Publication data	
~~IssuesInMonth~~	~~Non-Negative Integer~~	-	~~Optional field; not used by PostalOne!~~	137 – See Appendix D
LastIssueDate	Date		Optional field; not used by PostalOne!	
PostageStatementMailingDate~~Time~~	DateTime		Required field; Used to determine prices and display on postage statement	123 – See Appendix D
~~MailingGroupID~~	~~Non-Negative Integer~~		~~Required~~	31 – See Appendix D
Over10	Boolean	True = Subscribers or Requesters over the 10% rule False = No subscribers or requesters over the 10% rule	Required field	
LimitedCirculationDiscountClaimed	String	Yes No	Required field	
InCountyAddSuppPieces	Positive Integer			39 – *See Appendix D for detail*
OutsideCountyAddSuppPieces	Positive Integer			40 – *See Appendix D for detail*
PiecesExcludingAddSuppPieces	Positive Integer			41 – *See Appendix D for detail*
PeriodicalLineItemData block begins			Required block; data used to generate specific line items of postage statement (0 to many pairings)	166 – See Appendix D

Field	Format	Acceptable Values	Business Rules	Errata Identified
Copies	Non-Negative Integer		Optional field; total copies for pound postage lines	
DiscountQty	Decimal		Optional field; Required for DiscountType of 1 to indicate In County number of addressed DDU pieces	
DiscountType	String	1 = DDU	Required field	
InOutCountyIndicator	String, 1 character	I = In County N = Not County	Required field	107 – *See Appendix D*
LineLabel	String, 80 characters		Optional field; this field may be overwritten during postage statement calculation	
LineNumber	String, 3 characters		Optional field; this field may be overwritten during postage statement calculation	
NonCopies	Non-Negative Integer		Optional field; Required for NonSubscriber copies or NonRequester copies for pound postage lines	
PieceRate	Decimal		Optional field; not used by PostalOne!	
Pieces	Non-Negative Integer		Optional field; Required for Piece Postage lines	
PostageAmount	Decimal		Optional field; not used by PostalOne!	
PoundRate	Decimal		Optional field; not used by PostalOne!	

Field	Format	Acceptable Values	Business Rules	Errata Identified
RateCategory	String	A = Saturation ECR B = High Density Saturation D = Basic ECR E = Auto 5-Digit G = Non-Barcode 5-Digit H = Auto 3-Digit K = 3D Non Barcode L = Basic Auto L3 = ADC L2 = Mixed ADC L5 = ADC Non-BC L6 = Mixed ADC Non-BC FB = Firm Bundle Outside County	Required field	32 – *See Appendix D for detail*
Section	String, 1 character		Optional field; not used by PostalOne!	
SubReqCopies	Non-Negative Integer		Optional field; Required for pound postage lines	
Zone	String	N = None 1 = Zone 1 & 2 3 = Zone 3 4 = Zone 4 5 = Zone 5 6 = Zone 6 7 = Zone 7 8 = Zone 8, DDU, SCF, ADC	Optional field; Required for pound postage lines	
ChargeableContainerType	String	Sacks-Trays Pallets	Optional field; Required for Outside County Container charge lines.	156 – See Appendix D, SM77

Field	Format	Acceptable Values	Business Rules	Errata Identified
ChargeableContainerLevel	String	3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC M = Mixed ADC/AADC	Optional field; Required for Outside County container and bundle charge lines (<BLANK> is not a value being supported)	9 – *See Appendix D for detail*
ChargeableBundleLevel	String	3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC C = Carrier Route F = Firm M = Mixed ADC/AADC	Optional field; Required for Outside County container and bundle charge lines (<BLANK> is not a value being supported)	9 – *See Appendix D for detail*
Bundles	Decimal		Optional field; Required for Outside County bundle charge lines (PostalOne! rounds to four decimal places on each line)	
ChargeableEntryLevel	String	B = DBMC C = Origin SCF D = DDU J = Origin ADC K = Origin BMC O = Origin R = ADC S = DSCF	Optional field; Required for Outside County container and bundle charge lines	
Containers	Decimal		Optional field; Required for Outside County container charge lines (PostalOne! rounds to four decimal places on each line)	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MachinableFlag	String	Yes No	Optional field; Required for piece postage lines	
~~Customer~~ContainerID	String, 6 characters		Required	24 – *See Appendix D* 43 – *See Appendix D for detail*
FullServiceParticipationIndicator	String, 1 character	F = Full Service M = Mixed	Not Required	45 – *See Appendix D for detail*
VersionID	String, 10 characters		Not required field	65 – *See Appendix D for detail*
PeriodicalLineItemData block ends				
PeriodicalStatementType		N = 3541		
~~PostOfficeofMailingZIP~~	~~Numeric, exactly 5 characters~~	-	~~Required field; PostalOne! will display the post office of mailing ZIP assigned to the post office in PostalOne!~~	157 – See Appendix D
PostagePaymentMethod	String	P = Permit G = Government	Required field	
ProcessingCategory	String	LT = Letter FL = Flat IR = Irregular Parcel MP = Machinable Parcel NP = Nonmachinable Parcel	Required field	33 – *See Appendix D for detail*
PublicationTitle	String, 60 characters		Optional field, PostalOne! uses this to get the Title	

Field	Format	Acceptable Values	Business Rules	Errata Identified
RateType	String	R = Regular N = Nonprofit S = Science of Agriculture C = Classroom W = Science of Agriculture Limited Circulation Y = Regular Limited Circulation	Required field	34 – *See Appendix D for detail*
~~SheetWeight~~	~~Decimal~~	-	~~Optional field; not used by PostalOne!~~	99 – *See Appendix Detail*
SingleRideAlongWeight	Decimal		~~Required~~ Optional	59 – *See Appendix D for detail*
StatementSequenceNumber	String, 20 characters		Optional field; displayed on postage statement if provided	
EntryFacilityType	String	O = Origin B = BMC S = SCF D = DDU A = ADC	Optional field; Required for discounts on dropping to entry facility type	SM22
EntryZIP	Numeric, exactly 5 characters		Optional field; displayed on the postage statement register info if provided	
AgencyCostCode	Numeric, 5 or 6 characters		Optional field; Required if a government publication (can start with leading zeros)	
CombinedMailingID	Non-Negative Integer	-	Optional	171 – See Appendix D
~~PeriodicalCombinedMailingData block begins~~	-	-	~~Optional block; Required for Combined Mailing~~	171 – See Appendix D

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~CombinedMailingID~~	~~Non-Negative Integer~~	-	~~Required field for Periodicals Combined Mailing (this value must be populated with the same value for each record in the Combined Mailing)~~	-
~~FirstPeriodicalCombinedMailing~~	~~Boolean~~	-	~~Required field; the first combined mailing statement must have this field set to True (all statements in the mailing except the first should have firstCombinedMailing set to False)~~	-
~~LastPeriodicalCombinedMailing~~	~~Boolean~~	-	~~Required field; the last combined mailing statement must have this field set to True (all statements in the mailing except the last should have LastCombinedMailing set to False)~~	-
~~MaxStatements~~	~~Non-Negative Integer~~	-	~~Required field; the number of statements cannot be changed after submitting the first combined mailing statement~~	-
~~PeriodicalCombinedMailingData block ends~~				

Field	Format	Acceptable Values	Business Rules	Errata Identified
RepositionableNotesIndicator	Boolean	0 = no repositionable notes 1 = repositionable notes	Required field	
DocumentVersionData block begins			Optional block; Required for Version Summary Report MinOccurs = 1 and MaxOccurs = 1	124 – See Appendix D SM21
VersionID	String, 10 characters		Required field	125 – See appendix D SM21
Name	String, 12 characters		Required field	125 – See appendix D SM21
Description	String, 30 characters		Optional field	
PieceWeight	Decimal		Required field	
AdPercent	Percentage		~~Optional field; Percentage - max value 100.00.~~	
RateAffixed	Decimal		~~Required field; Fill with 0 for periodicals~~ ~~Optional~~	158 – See Appendix D
DocumentVersionData block ends				
~~ForConsolidation~~	~~Boolean~~	-	~~Optional field; Required for Consolidated Postage Statements~~	161 – See Appendix D

Field	Format	Acceptable Values	Business Rules	Errata Identified
MoveUpdateMethod	0 = None 1 = ACS Link 2 = NCOA 3 = FAST Forward 4 = Mailer Move Update Process 5 = Ancillary Service Endorsements 6 = Multiple 7 = n/a Alternative Address Format 8 = OneCode ACS		Optional field; does not apply for Periodicals	5 See Appendix D
VolumeNumber	String, 5 characters		Optional	SM17
IssueNumber	String, 6 numbers		Optional	SM17
InCountyAddSuppPieces	Integer		Optional	39 – See appendix D
OutsideCountyAddSuppPieces	Integer		Optional	40 – See Appendix D
PiecesExcludingAddSuppPIeces	Integer		Optional	41 – See Appendix D
MailingAgentData block begins			Optional field; Required if there is a mailing agent for the mail owner	
MID block begins			Optional block; Choose MID6 or MID9 if used	
MID6	String, 6 characters		Optional field	
MID9	String, 9 characters		Optional field	
MID block ends				
ContactName	String, 60 characters		Required field	
PermitPublicationData block begins			Required block; must contain the Publication Number or the combination of PermitNumber, PermitType, PermitZIP4	

Field	Format	Acceptable Values	Business Rules	Errata Identified
PermitNumber	String, 8 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	
PermitType	String		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*
PermitZIP4	Numeric, 9 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109, 110 – *See Appendix D*
PublicationNumber	Numeric, 9 characters		Optional field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	
PermitPublicationData block ends				
MailingAgentData block ends				
PublisherData block begins			Required block; PostalOne! uses this data to bill the postage statement	
MID block begins			Optional block; Choose MID6 or MID9 if used	
MID6	String, 6 characters		Optional field	
MID9	String, 9 characters		Optional field	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MID block ends				
ContactName				
PermitPublicationData block begins				
PermitNumber	String, 8 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	
PermitType	String		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*
PermitZIP4	Numeric, 9 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109, 110 – *See Appendix D*
PublicationNumber	Numeric, 9 characters		Optional field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	
PermitPublicationData block ends				
PublisherData block ends				
CreatePeriodicalStatementData block ends				

PeriodicalStatementCreateResponse

Purpose

Response to the customer's request to create a Periodical Postage Statement

Business Rules

- Message will be sent in response to and must follow the PeriodicalStatementCreateRequest

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
PeriodicalStatementCreateAccept block begins			Response from USPS indicating that the PeriodicalStatementCreateRequest message was accepted and a Periodical Postage Statement was created (choice between StatementID, UserPostageStatementID, TotalPostage, TotalPostageDue, and ReturnInfo block or TrackingID and ReturnInfo block)	
MailXMLPostageStatementResponse HeaderInfo block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID in the MailXMLPostageStatementRequestHeaderInfo block of the PeriodicalStatementCreateRequest message	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailingGroupID	Non-negative integer		Required field; must be populated with the same value as the MailingGroupID in the MailXMLPostageStatementRequestHeaderInfo block of the PeriodicalStatementCreateRequest message	
Status	String		Optional field	
MailXMLPostageStatementResponseHeaderInfo block ends				
StatementID	Non-negative integer		Required field; paired with UserPostageStatementID, TotalPostage, TotalPostageDue, and ReturnInfo block	
UserPostageStatementID	String, 10 characters		Optional field; paired with StatementID, TotalPostage, TotalPostageDue, and ReturnInfo block	
TotalPostage	Decimal		Required field; paired with StatementID, UserPostageStatementID, TotalPostageDue, and ReturnInfo block	
TotalPostageDue	Decimal		Required field; paired with StatementID, UserPostageStatementID, TotalPostage and ReturnInfo block	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ReturnInfo block begins			Optional block; paired with StatementID, UserPostageStatementID, TotalPostage, and TotalPostageDue	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
ReturnInfo block ends				
TrackingID	String, 12 characters		Required field; paired with ReturnInfo block in the PeriodicalStatementCreateAccept block	
ReturnInfo block begins			Optional block; paired with TrackingID field in the PeriodicalStatementCreateAccept block	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
ReturnInfo block ends				
PeriodicalStatementCreateAccept block ends				
PeriodicalStatementCreateReject block begins			Response from USPS indicating that the PeriodicalStatementCreateRequest message was rejected and a Periodical Postage Statement was not created and the reason why	
MailXMLPostageStatementResponse HeaderInfo block begins				

Field	Format	Acceptable Values	Business Rules	Errata Identified
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID in the MailXMLPostageStatementRequestHeaderInfo block of the PeriodicalStatementCreateRequest message	
MailingGroupID	Non-negative integer		Required field; must be populated with the same value as the MailingGroupID in the MailXMLPostageStatementRequestHeaderInfo block of the PeriodicalStatementCreateRequest message	
Status	String		Optional field	
MailXMLPostageStatementResponse HeaderInfo block ends				
PostOfficeOfMailing	Numeric, must be exactly 5 characters		Required field	
ReturnInfo block begins			Required block	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
ReturnInfo block ends				
PeriodicalStatementCreateReject block ends				

PeriodicalStatementQueryRequest

Purpose

Allows the USPS customer to retrieve a Periodicals postage statement

Business Rules

- Must be submitted after a periodical postage statement has been created (after the PeriodicalStatementCreateRequest message has been accepted)

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailXMLPostageStatementRequestHeaderInfo block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the value populated in the CustomerGroupID field of the PeriodicalStatementCreateResponse message	
MailingGroupID	Non-Negative integer		Required field; must be populated with the same value as the value populated in the MailingGroupID field of the PeriodicalStatementCreateResponse message	
MailXMLPostageStatementRequestHeaderInfo block ends				
SubmittingParty Block			Required block; Identifies the customer submitting the message	
SubmittingSoftware Block			Required block; Identifies the software submitting the message	

Field	Format	Acceptable Values	Business Rules	Errata Identified
StatementID	Non-Negative integer		Optional field; StatementID or TrackingID must be populated (must be populated with the same value as the value populated in the StatementID field of the PeriodicalStatementCreateResponse message)	
~~TrackingID~~	~~String, 12 characters~~	-	Optional field; StatementID or TrackingID must be populated (must be populated with the same value as the value populated in the TrackingID field of the PeriodicalStatementCreateResponse message)	
IncludeChildStatement	Boolean	Yes/No		164 – See Appendix D

PeriodicalStatementQueryResponse

Purpose

Return either the postage statement query results data or the reason why there was a query error

Business Rules

- Will accept if StatementID or TrackingID exists
- Will reject if StatementID or TrackingID does not exist
- The ReturnInfo block will have a description for a QueryError

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailXMLPostageStatementResponse HeaderInfo block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the value populated in the CustomerGroupID field of the PeriodicalStatementQueryRequest message	
MailingGroupID	Non-Negative integer		Required field; must be populated with the same value as the value populated in the MailingGroupID field of the PeriodicalStatementQueryRequest message	
Status	String		Optional field	
MailXMLPostageStatementResponse HeaderInfo block ends				
QueryResults block begins			Required block; accepting the query request message and returning the query for a successful PeriodicalStatementQueryRequest message	
PeriodicalStatementData block begins				
PendingPostageAmount	Decimal	-	Optional	175 – See Appendix D
AdvertisingPercentage	Percentage		Required field; 5 total digits with a max value of 100.00	100 – *See Appendix D*
VolumeNumber	String, 5	-	Optional	122 – See Appendix D
IssueNUmber	String, 6	-	Optional	162 – See Appendix D
AutomationAddressMatchDate	Date		Optional field; Required for Automation mailings	

Field	Format	Acceptable Values	Business Rules	Errata Identified
CustomerReferenceID	String, 40 characters		Optional field; Used to populate Customer Reference ID	
UserPostageStatementID	String, 10 characters		Optional field; Used to populate User Postage Statement ID to uniquely identify postage statement	
CarrierRouteAddressMatchingDate	Date		Optional field; Required for Carrier Route Automation pieces	
CarrierRouteSequencingDate	Date		Optional field; Required for Carrier Route Sequencing pieces	
CertificationData block begins			Required block; data used in the certiciation statement section of the postage statement	
ContactName	String, 40 characters		Required field	
PhoneAreaCode	Numeric, 3 characters		Required field; must be exactly 3 characters	
PhoneLast4	Numeric, 4 characters		Required field; must be exactly 4 characters	
PhonePrefix	Numeric, 3 characters		Required field; must be exactly 3 characters	
CertificationData			End of block	
ContainerCount block begins			Required block; at least one of the fields in this block must be populated with a nonzero value	15 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Identified
OtherType	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
Pallets	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
Sacks	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
Trays1mm	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
Trays2emm	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
Trays2mm	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
TraysFlat	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
ContainerCount block ends				
CopyWeight	Decimal		Required field; used for PostalOne! postage calculation	30 – *See Appendix D for detail*
EditionCode	String, 20 characters		Optional field; printed on postage statement if provided	

Field	Format	Acceptable Values	Business Rules	Errata Identified
FirstIssueDate	Date		Optional field; not used by PostalOne!	
FormType	String	PE = Periodicals	Required field	
IssueDate	Date		Required field	
IssueFrequency	String, 20 characters		Optional field; populated with the frequency the postage statement comes from Publication data	
~~IssuesInMonth~~	~~Non-Negative Integer~~	-	~~Optional field; not used by PostalOne!~~	137 – See Appendix D
LastIssueDate	Date		Optional field; not used by PostalOne!	
PostageStatementMailingDate~~Time~~	DateTime		Required field; Used to determine prices and display on postage statement	123 – See Appendix D
Over10	Boolean	True = Subscribers or Requesters over the 10% rule False = No subscribers or requesters over the 10% rule	Required field	
LimitedCirculationDiscountClaimed	String	Yes No	Required field	
PeriodicalLineItemData block begins			Required block; data used to generate specific line items of postage statement (1 to many pairings)	
Copies	Non-Negative Integer		Optional field; total copies for pound postage lines	

Field	Format	Acceptable Values	Business Rules	Errata Identified
DiscountQty	Decimal		Optional field; Required for DiscountType of 1 to indicate In County number of addressed DDU pieces	
DiscountType	String	1 = DDU	Required field	
InOutCountyIndicator	String, 1 character	I = In County N = Not County O = Other	Required field	107 – *See Appendix D SM26*
LineLabel	String, 80 characters		Optional field; this field will be overwritten during postage statement calculation	
LineNumber	String, 3 characters		Optional field; this field will be overwritten during postage statement calculation	
NonCopies	Non-Negative Integer		Optional field; Required for NonSubscriber copies or NonRequester copies for pound postage lines	
PieceRate	Decimal		Optional field; not used by PostalOne!	
Pieces	Non-Negative Integer		Optional field; Required for Piece Postage lines	
PostageAmount	Decimal		Optional field; not used by PostalOne!	
PoundRate	Decimal		Optional field; not used by PostalOne!	

Field	Format	Acceptable Values	Business Rules	Errata Identified
RateCategory	String	A = Saturation ECR B = High Density Saturation D = Basic ECR E = Auto 5-Digit G = Non-Barcode 5-Digit H = Auto 3-Digit K = 3D Non Barcode L = Basic Auto L3 = ADC L2 = Mixed ADC L5 = ADC Non-BC L6 = Mixed ADC Non-BC FB = Firm Bundle Outside County	Required field	32 – *See Appendix D for detail*
Section	String, 1 character		Optional field; not used by PostalOne!	
SubReqCopies	Non-Negative Integer		Optional field; Required for pound postage lines	
Zone	String	N = None 1 = Zone 1 & 2 3 = Zone 3 4 = Zone 4 5 = Zone 5 6 = Zone 6 7 = Zone 7 8 = Zone 8 S = SCF A = ADC D = DDU	Optional field; Required for pound postage lines	57 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Identified
ChargeableContainerType	String	Sacks-Trays Pallets	Optional field; Required for Outside County Container charge lines. ~~Can only be 'P' or 'S'~~	SM77
ChargeableContainerLevel	String	3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC M = Mixed ADC/AADC	Optional field; Required for Outside County container and bundle charge lines (<BLANK> is not a value being supported)	9 – *See Appendix D for detail*
ChargeableBundleLevel		3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC C = Carrier Route F = Firm M = Mixed ADC/AADC	Optional field; Required for Outside County container and bundle charge lines (<BLANK> is not a value being supported)	9 – *See Appendix D for detail*
Bundles	Decimal		Optional field; Required for Outside County bundle charge lines (PostalOne! rounds to four decimal places on each line)	
ChargeableEntryLevel	String	B = DBMC C = Origin SCF D = DDU J = Origin ADC K = Origin BMC O = Origin R = ADC S = DSCF	Optional field; Required for Outside County container and bundle charge lines	

Field	Format	Acceptable Values	Business Rules	Errata Identified
Containers	Decimal		Optional field; Required for Outside County container charge lines (PostalOne! rounds to four decimal places on each line)	
MachinableFlag	String	Yes No	Optional field; Required for piece postage lines	
InCountyAddSuppPieces	Non-Negative Integer			39 – *See Appendix D for detail*
OutsideCountyAddSuppPieces	Non-Negative Integer			40 – *See Appendix D for detail*
PiecesExcludingAddSuppPieces	Non-Negative Integer			41 – *See Appendix D for detail*
~~Customer~~ContainerID	String, 6 characters		Required	24 – *See Appendix D* 43 – *See Appendix D for detail*
FullServiceParticipationIndicator	String, 1 character	F = Full Service M = Mixed	Required	45 – *See Appendix D for detail*
VersionID	String, 10 characters		Not required field	65 – *See Appendix D for detail*
PeriodicalLineItemData block ends				
PeriodicalStatementType		N = 3541		
~~PostOfficeofMailingZIP~~	~~Numeric, exactly 5 characters~~	-	~~Required field; PostalOne! will display the post office of mailing ZIP assigned to the post office in PostalOne!~~	157 – See Appendix D
PostagePaymentMethod	String	P = Permit G = Government	Required field	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ProcessingCategory	String	LT = Letter FL = Flat IR = Irregular Parcel MP = Machinable Parcel NP = Nonmachinable Parcel	Required field	33 – *See Appendix D for detail*
PublicationTitle	String, 60 characters		Optional field, PostalOne! uses this to get the Title	
RateType	String	R = Regular N = Nonprofit S = Science of Agriculture C = Classroom W = Science of Agriculture Limited Circulation Y = Regular Limited Circulation	Required field	34 – *See Appendix D for detail*
~~SheetWeight~~	~~Decimal~~	-	~~Optional field; not used by PostalOne!~~	99 – *See Appendix D*
SingleRideAlongWeight	Decimal		~~Required~~ Optional	59 – *See Appendix D for detail*
StatementSequenceNumber	String, 20 characters		Optional field; displayed on postage statement if provided	
EntryFacilityType	String	O = Origin B = BMC S = SCF D = DDU A = ADC	Optional field; Required for discounts on dropping to entry facility type	SM22
EntryZIP	Numeric, exactly 5 characters		Optional field; displayed on the postage statement register info if provided	

Field	Format	Acceptable Values	Business Rules	Errata Identified
AgencyCostCode	Numeric, 5 or 6 characters		Optional field; Required if a government publication (can start with leading zeros)	
CombinedMailingID	Non-Negative Integer	-	Optional	171 – See Appendix D
~~PeriodicalCombinedMailingData block begins~~	-	-	~~Optional block; Required for Combined Mailing~~	171 – See Appendix D
~~CombinedMailingID~~	~~Non-Negative Integer~~	-	~~Required field for Periodicals Combined Mailing (this value must be populated with the same value for each record in the Combined Mailing)~~	-
~~FirstPeriodicalCombinedMailing~~	~~Boolean~~	-	~~Required field; the first combined mailing statement must have this field set to True (all statements in the mailing except the first should have firstCombinedMailing set to False)~~	-
~~LastPeriodicalCombinedMailing~~	~~Boolean~~	-	~~Required field; the last combined mailing statement must have this field set to True (all statements in the mailing except the last should have LastCombined Mailing set to False)~~	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~MaxStatements~~	~~Non-Negative Integer~~	-	~~Required field; the number of statements cannot be changed after submitting the first combined mailing statement~~	-
~~PeriodicalCombinedMailingData block ends~~	-	-	-	-
RepositionableNotesIndicator	Boolean	0 = no repositionable notes 1 = repositionable notes	Required field	
DocumentVersionData block begins			Optional block; Required for Version Summary Report	
VersionID	String, 10 characters		Required field	
VersionName	String, 12 characters		Required field	SM21
VersionDescription	String, 30 characters		Optional field	SM21
PieceWeight	Decimal		Required field	
AdPercent	Percentage		Optional field; Percentage - max value 100.00.	
RateAffixed	Decimal		Optional, not used for Periodicals	158 – See Appendix D
DocumentVersionData block ends				
~~ForConsolidation~~	~~Boolean~~	-	~~Optional field; Required for Consolidated Postage Statements~~	161 – See Appendix D

Field	Format	Acceptable Values	Business Rules	Errata Identified
MoveUpdateMethod		0 = None 1 = ACS Link 2 = NCOA 3 = FAST Forward 4 = Mailer Move Update Process 5 = Ancillary Service Endorsements 6 = Multiple 7 = n/a Alternative Address Format 8 = OneCode ACS	Optional field; does not apply for Periodicals	5 See Appendix D
InCountyAddSuppPieces	Integer		Optional	39 – See appendix D
OutsideCountyAddSuppPieces	Integer		Optional	40 – See Appendix D
PiecesExcludingAddSuppPIeces	Integer		Optional	41 – See Appendix D
StatementID	Non-Negative integer		Optional field	
MailClass	String	2 = Periodicals	Optional field	
Origin	String, 6 characters		Optional field	
Stage	String, 4 characters		Optional field	
TotalCopies	Non-Negative Integer		Required field	
TotalPieces	Non-Negative Integer		Required field	
TotalPostageAmount	Decimal		Required field	
TotalWeight	Decimal		Required field	
MailingAgentData block begins			Optional field; Required if there is a mailing agent for the mail owner	
Address1	String, 64 characters		Required field	
Address2	String, 64 characters		Optional field	
City	String, 45 characters		Optional field	
Country	String, 45 characters		Optional field	

Field	Format	Acceptable Values	Business Rules	Errata Identified
DunsNumber	String, 20 characters		Optional field	
Email	String		Optional field	
MID block begins			Optional block; Choose MID6 or MID9 if used	
MID6	String, 6 characters		Optional field	
MID9	String, 9 characters		Optional field	
MID block ends				
CRID	String, 10 characters		Optional field	
ContactName	String, 60 characters		Required field	
PermitPublicationData block begins			Required block; must contain the Publication Number or the combination of PermitNumber, PermitType, PermitZIP4	
PermitNumber	String, 8 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	
PermitType	String		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*
PermitZIP4	Numeric, 9 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109, 110 – *See Appendix D*

Field	Format	Acceptable Values	Business Rules	Errata Identified
PublicationNumber	Numeric, 9 characters		Optional field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	
PermitPublicationData block ends				
PhoneAreaCode	Numeric, exactly 3 characters		Required field	
PhoneExtension	String, 5 characters		Optional field	
PhoneLast4	String, exactly 4 characters		Required field	
PhonePrefix	Numeric, exactly 3 characters		Required field	

Field	Format	Acceptable Values	Business Rules	Errata Identified
State	String	AL - Alabama, AK - Alaska AS - American Somoa, AZ - Arizona, AR - Arkansas, CA - California, CO - Colorado, CT - Connecticuit, DE - Delaware, DC - District of Columbia, FM - Federeated States of Micronesia, FL - Florida, GA - Georgia, GU - Guam, HI - Hawaii, IL - Illinois, IN - Indiana, IA - Iowa, ID - Idaho, KS - Kansas, KY - Kentucky, LA - Louisiana, MH - Marshall Islands, MD - Maryland, MA - Massachusetts, MI - Michigan, MN - Minnesota, MS - MIssissippi, MT - Montana, NE - Nebraska, NV - Nevada, NH - New Hampshire, NJ - New Jersey, NM - New Mexico, NY - New York, NC - North Crolina, ND - North Dakota, MP - Northern Mariana Islands, OH - Ohio, OK - Oklahoma, OR - Oregon, PW - Palau, PA - Pennsylvania, PR - Puerto Rico, RI - Rhode Island, SC - South Carolina, SD - South Dakota, TN - Tennessee, UT - Utah, VT - Vermont, VI - Virgin Islands, VA - Virginia, WA - Washington, WV - West Virginia, WI - WIsconsin, WY - Wyoming	Optional field	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ZipCode	Numeric, 3 or 5 characters		Required field	
ZipCode4	Numeric, exactly 4 characters		Optional field	
MailingAgentData block ends				
PublisherData block begins			Required block; PostalOne! uses this data to bill the postage statement	
MID block begins			Optional block; Choose MID6 or MID9 if used	
Address1	String, 64 characters		Required field	
Address2	String, 64 characters		Optional field	
City	String, 45 characters		Optional field	
Country	String, 45 characters		Optional field	
DunsNumber	String, 20 characters		Optional field	
Email	String		Optional field	
MID6	String, 6 characters		Optional field	
MID9	String, 9 characters		Optional field	
MID block ends				
CRID	String, 10 characters		Optional field	
ContactName	String, 60 characters		Required field	
PermitPublicationData block begins				
PermitNumber	String, 8 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	

Field	Format	Acceptable Values	Business Rules	Errata Identified
PermitType	String		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*
PermitZIP4	Numeric, 9 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109, 110 – *See Appendix D*
PublicationNumber	Numeric, 9 characters		Optional field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	
PermitPublicationData block ends				
PhoneAreaCode	Numeric, exactly 3 characters		Required field	
PhoneExtension	String, 5 characters		Optional field	
PhoneLast4	String, exactly 4 characters		Required field	
PhonePrefix	Numeric, exactly 3 characters		Required field	

Field	Format	Acceptable Values	Business Rules	Errata Identified
State	String	AL - Alabama, AK - Alaska AS - American Somoa, AZ - Arizona, AR - Arkansas, CA - California, CO - Colorado, CT - Connecticuit, DE - Delaware, DC - District of Columbia, FM - Federeated States of Micronesia, FL - Florida, GA - Georgia, GU - Guam, HI - Hawaii, IL - Illinois, IN - Indiana, IA - Iowa, ID - Idaho, KS - Kansas, KY - Kentucky, LA - Louisiana, MH - Marshall Islands, MD - Maryland, MA - Massachusetts, MI - Michigan, MN - Minnesota, MS - MIssissippi, MT - Montana, NE - Nebraska, NV - Nevada, NH - New Hampshire, NJ - New Jersey, NM - New Mexico, NY - New York, NC - North Carolina, ND - North Dakota, MP - Northern Mariana Islands, OH - Ohio, OK - Oklahoma, OR - Oregon, PW - Palau, PA - Pennsylvania, PR - Puerto Rico, RI - Rhode Island, SC - South Carolina, SD - South Dakota, TN - Tennessee, UT - Utah, VT - Vermont, VI - Virgin Islands, VA - Virginia, WA - Washington, WV - West Virginia, WI - WIsconsin, WY - Wyoming	Optional field	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ZipCode	Numeric, 3 or 5 characters		Required field	
ZipCode4	Numeric, exactly 4 characters		Optional field	
PublisherData block ends				
PeriodicalStatementData block ends				
ReturnInfo block begins			Optional block	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	Numeric, 260 characters		Requiredfield	
ReturnInfo block ends				
QueryResults block ends				
QueryError block begins			Required block if there are any failed validations in the PeriodicalStatementQueryRequest message or when the query data cannot be provided	
ReturnInfo block begins			Required block	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	Numeric, 260 characters		Requiredfield	
ReturnInfo block ends				
QueryError block ends				

PeriodicalStatementCancelRequest

Errata # 143 requires this message be remove in the MailXML 7.0 version. Instead use PostageStatementCancelRequest.

~~**Purpose**~~

~~Request to cancel a Periodical Postage Statement~~

~~**Business Rules**~~

- ~~Cannot be sent until the PeriodicalStatementCreateRequest message is accepted with the PeriodicalStatementCancelResponse message~~
- ~~Cannot be sent until the Periodical Postage Statement has been created~~
- ~~Cannot be submitted after the periodical postage statement has been finalized~~

~~**Field Description**~~

~~Field~~	~~Format~~	~~Acceptable Values~~	~~Business Rules~~	~~Errata Identified~~
~~MailXMLPostageStatementRequestHeaderInfo block begins~~	-	-	~~Attributes block~~	-
~~CustomerGroupID~~	~~String, 25 characters~~	-	~~Required field; must be populated with the same value as the CustomerGroupID in the PeriodicalStatementCreateResponse message~~	-
~~MailingGroupID~~	~~Non-Negative Integer~~	-	~~Required field~~	-
~~MailXMLPostageStatementRequestHeaderInfo block ends~~	-	-	-	-
~~SubmittingParty Block~~	-	-	~~Required block; Identifies the customer submitting the message~~	-
~~SubmittingSoftware Block~~	-	-	~~Required block; Identifies the software submitting the message~~	-
~~StatementID~~	~~Non-Negative Integer~~	-	~~Optional field~~	-

PeriodicalStatementCancelResponse

Errata # 143 requires this message be remove in the MailXML 7.0 version. Instead use PostageStatementCancelRequest.

~~**Purpose**~~

~~Accept or reject a request to cancel periodical postage statement~~

~~**Business Rules**~~

- ~~Will accept if the periodical postage statement exists in mailing group and periodical postage statement is not finalized~~
- ~~Will reject if the periodical postage statement does not exist in mailing group or if the periodical postage statement is finalized~~
- ~~The ReturnInfo block will have a description for rejection~~

~~**Field Description**~~

~~Field~~	~~Format~~	~~Acceptable Values~~	~~Business Rules~~	~~Errata Identified~~
~~PeriodicalStatementCancelAccept block begins~~	-	-	~~Required block if the Periodical Postage Statement exists in the mailing group and periodical postage statement is not finalized~~	-
~~MailXMLMsgResponseHeaderInfo block begins~~	-	-	~~Attributes block~~	-
~~CustomerGroupID~~	~~String, 25 characters~~	-	~~Required field~~	-
~~MailingGroupID~~	~~Non-Negative Integer~~	-	~~Required field~~	-
~~Status~~	~~String~~	-	~~Optional field~~	-
~~MailXMLMsgResponseHeaderInfo block ends~~	-	-	-	-
~~StatementID~~	~~Non-Negative Integer~~	-	~~Conditionally required if StatementID was submitted with PeriodicalStatementCancelRequest~~	-
~~CancelConfirmID~~	~~String, 12 characters~~	-	~~Required field~~	-
~~ReturnInfo block begins~~	-	-	~~Optional block~~	-
~~ReturnCode~~	~~Numeric, 4 characters~~	-	~~Optional field~~	-
~~ReturnDescription~~	~~String, 260 characters~~	-	~~Required field~~	-
~~ReturnInfo block ends~~	-	-	-	-
~~PeriodicalStatementCancelAccept block ends~~	-	-	-	-
~~PeriodicalStatementCancelReject block begins~~	-	-	~~Required block if the Periodical Postage Statement does not exist in the mailing group or the periodical postage statement is not finalized~~	-
~~MailXMLMsgResponseHeaderInfo block begins~~	-	-	~~Attributes block~~	-
~~CustomerGroupID~~	~~String, 25 characters~~	-	~~Required field~~	-

~~Field~~	~~Format~~	~~Acceptable Values~~	~~Business Rules~~	~~Errata Identified~~
~~MailingGroupID~~	~~Non-Negative Integer~~	~~-~~	~~Required field~~	~~-~~
~~TrackingID~~	~~String, 12 characters~~	~~-~~	~~Optional field~~	~~-~~
~~Status~~	~~String~~	~~-~~	~~Optional field~~	~~-~~
~~ReturnInfo block begins~~	~~-~~	~~-~~	~~Required block~~	~~-~~
~~ReturnCode~~	~~Numeric, 4 characters~~	~~-~~	~~Optional field~~	~~-~~
~~ReturnDescription~~	~~String, 260 characters~~	~~-~~	~~Required field~~	~~-~~
~~ReturnInfo block ends~~	~~-~~	~~-~~	~~-~~	~~-~~
~~PeriodicalStatementCancelReject block ends~~	~~-~~	~~-~~	~~-~~	~~-~~

ContainerBundleCreateRequest

Purpose

The ContainerBundleCreateRequest message is used to deliver the Periodicals Outside-County Container and Bundle Report information to the PostalOne! system

Business Rules

- The ContainerBundleCreateRequest message cannot be sent until the mailer or preparer opens a successful mailing group through the OpenMailingGroupRequest message
- The mailer may elect to provide a ContainerBundleSummaryReport for all chargeable containers and bundles or provide a ContainerBundleVersionReport for the chargeable containers and bundles apportioned to each Version.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
ContainerBundleReportHeaderInfo block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID of the OpenMailingGroupResponse message	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailingGroupID	Non-Negative integer		Required field; must be populated with the same value as the MailingGroupID of the OpenMailingGroupResponse message	
ContainerBundleReportHeaderInfo block ends				
SubmittingParty Block			Required block; Identifies the customer submitting the message	
SubmittingSoftware Block			Required block; Identifies the software submitting the message	
ContainerBundleVersionRecords block begins			Optional block	52
SackTrayContainerVersionRecord block begins			Optional block; 0 to many pairings can be submitted for sack and tray charges	52
mailxml:DocumentVersionData	Complex			52
PublicationInfo	Complex		Required field, mailxml:permit PublicationData Type	52
PublicationTitle	String, 60 characters		Optional field	52
PostageStatementLineNumber	String	E1, E2, E3, E4, E5, E6, E7, E8, E9, E10, E11, E12, E13, E14, E15, E16, E17, E18, E19, E20, E21, E22, E23, E24	Optional field; PostalOne uses the Container Level and Entry level to find the lines mailxml_base:postageStatementLineNumber2 Type	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ChargeableContainerLevel	String	3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC M = Mixed ADC/Mixed AADC	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*
ChargeableEntryLevel	String	B = Destination BMC C = Origin SCF D = DDU J = Origin ADC K = Origin BMC O = Origin Post Office/DMU R = Destination ADC S = Destination SCF	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*
Containers	Double		Required field	
IssueDate	Date		Required field	
IssueNumber	String, 6 characters		Optional field	
VolumeNumber	String, 6 characters		Optional field	
SackTrayContainerVersionRecord block ends				52
PalletContainerVersionRecord block begins			Optional block; used for pallet charages (0 to many pairings can be submitted)	
mailxml:DocumentVersionData	Complex			52
PublicationInfo	Complex		Required field, mailxml:permit PublicationData Type	52
PublicationTitle	String, 60 characters		Optional field	

Field	Format	Acceptable Values	Business Rules	Errata Identified
PostageStatementLineNumber	String	E26, E27, E28, E30, E31, E32, E33, E34, E35, E36, E37, E38, E39, E40, E41, E42, E43, E44, E45, E46	Optional field; uses the Container Level and Entry level to find the lines mailxml_base:postageStatementLineNumber1Type	
ChargeableContainerLevel	String	3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC M = Mixed ADC/Mixed AADC	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*
ChargeableEntryLevel	String	B = Destination BMC C = Origin SCF D = DDU J = Origin ADC K = Origin BMC O = Origin Post Office/DMU R = Destination ADC S = Destination SCF	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*
Containers	Double		Required field	
IssueDate	Date		Required field	
IssueNumber	String, 6 characters		Optional field	
VolumeNumber	String, 6 characters		Optional field	
PalletContainerVersionRecord block ends				
BundleVersionRecord block begins			Optional block; used for bundle charages (0 to many pairings can be submitted)	
mailxml:DocumentVersionData	Complex			52

Field	Format	Acceptable Values	Business Rules	Errata Identified
PublicationInfo	Complex		Required field, mailxml:permit PublicationData Type	52
PublicationTitle	String, 60 characters		Optional field	52
PostageStatementLineNumber	String	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17	Optional field; uses the Container Level and Entry level to find the lines mailxml_base:postageStatementLineNumber3 Type	
ChargeableContainerLevel	String	3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC M = Mixed ADC/Mixed AADC	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*
ChargeableBundleLevel	String	3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC C = Carrier Route F = Firm M = Mixed ADC/Mixed AADC	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*
Bundles	Double		Required field	
IssueDate	Date		Required field	
IssueNumber	String, 6 characters		Optional field	
VolumeNumber	String, 6 characters		Optional field	
BundleVersionRecord block ends				52
ContainerBundleVersionRecord block ends				52
ContainerBundleSummaryRecords block begins			Required block for each ContainerBundleMPURecord block	

Field	Format	Acceptable Values	Business Rules	Errata Identified
SackTrayContainerRecord block begins			Optional block; 0 to many pairings can be submitted depending upon the number of SackTrayContainerMPURecords (used for Sack or Tray charges)	
PublicationInfo	Numeric, 9 characters		Required field, mailxml:permitPublicationDataType	52
PublicationTitle	String, 60 characters		Optional field	52
PostageStatementLineNumber	String	E1, E2, E3, E4, E5, E6, E7, E8, E9, E10, E11, E12, E13, E14, E15, E16, E17, E18, E19, E20, E21, E22, E23, E24	Optional field; uses the Container Level and Entry level to find the lines mailxml_base:postageStatementLineNumber2Type	
ChargeableContainerLevel	String	3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC M = Mixed ADC/Mixed AADC	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Identified
ChargeableEntryLevel	String	B = Destination BMC C = Origin SCF D = DDU J = Origin ADC K = Origin BMC O = Origin Post Office/DMU R = Destinatoin ADC S = Destination SCF	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*
Containers	Double		Required field	
IssueDate	Date		Required field	
IssueNumber	String, 6 characters		Optional field	
VolumeNumber	String, 6 characters		Optional field	
SackTrayContainerRecord block ends				
PalletContainerRecord block begins			Optional block; 0 to many pairings can be submitted depending upon the number of PalletMPURecords (used for Pallet charges)	
PublicationInfo	Numeric, 9 characters		Required field mailxml:permitPublicationDataType	52
PublicationTitle	String, 60 characters		Optional field	52
PostageStatementLineNumber	String	E26, E27, E28, E30, E31, E32, E33, E34, E35, E36, E37, E38, E39, E40, E41, E42, E43, E44, E45, E46	Optional field; uses the Container Level and Entry level to find the lines mailxml_base:postageStatementLineNumber1Type	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ChargeableContainerLevel	String	3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC M = Mixed ADC/Mixed AADC	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*
ChargeableEntryLevel	String	B = Destination BMC C = Origin SCF D = DDU J = Origin ADC K = Origin BMC O = Origin Post Office/DMU R = Destinatoin ADC S = Destination SCF	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*
Containers	Double		Required field	
IssueDate	Date		Required field	
IssueNumber	String, 6 characters		Optional field	
VolumeNumber	String, 6 characters		Optional field	
PalletContainerRecord block ends				
BundleRecord block begins			Optional block; 0 to many pairings can be submitted depending upon the number of BundleMPURecords (used for Bundle charges)	
PublicationInfo	Numeric, 9 characters		Required field mailxml:permitPublicationDataType	52
PublicationTitle	String, 60 characters		Optional field	52

Field	Format	Acceptable Values	Business Rules	Errata Identified
PostageStatementLineNumber	String	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17	Optional field; uses the Container Level and Entry level to find the lines mailxml_base:postageStatementLineNumber3Type	
ChargeableContainerLevel	String	3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC M = Mixed ADC/Mixed AADC	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*
ChargeableBundleLevel	String	3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC C = Carrier Route F = Firm M = Mixed ADC/Mixed AADC	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*
Bundles	Double		Required field	
IssueDate	Date		Required field	
IssueNumber	String, 6 characters		Optional field	
VolumeNumber	String, 6 characters		Optional field	
BundleRecord block ends				
ContainerBundleSummaryRecords block ends				

ContainerBundleReportCreateResponse

Purpose

ResponseResponse message to inform the customer whether the ContainerBundleReportCreateRequest was accepted or rejected

Business Rules

- PostalOne! will accept the request message if it can tie to an existing MailingGroupID and the fields are valid
- PostalOne! will reject the request message if the MailingGroupID does not exist or the fields are not valid

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
ContainerBundleReportCreateAccept block begins			Required block if the ContainerBundleReportCreate Request message has an existing MailingGroupID and the fields are valid	
ContainerBundleReportHeaderInfo block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID of the ContainerBundleReportCreate Request message	
MailingGroupID	Non-Negative integer		Required field; must be populated with the same value as the MailingGroupID of the ContainerBundleReportCreate Request message	
ContainerBundleReportHeaderInfo block ends				
ContainerBundleReportID	String, 12 characters		Required field; Respond with either the ContainerBundleReportID and ContainerBundleStatus or just the Tracking ID	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ContainerBundleStatus	String	1 = Success 0 = Pending -1 = Failed	Required field; Respond with either the ContainerBundleReportID and ContainerBundleStatus or just the Tracking ID	
TrackingID	String, 12 characters		Required field; Respond with either the ContainerBundleReportID and ContainerBundleStatus or just the Tracking ID	
ReturnInfo block begins			Optional block; 0 to many pairings of ReturnCode and ReturnDescription can be submitted	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
ContainerBundleReportCreateAccept block ends				
ContainerBundleReportCreateReject block begins			Required block if the ContainerBundleReportCreateRequest message does not have an existing MailingGroupID or the fields are not valid	
ContainerBundleReportHeaderInfo block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID of the ContainerBundleReportCreateRequest message	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailingGroupID	Non-Negative integer		Required field; must be populated with the same value as the MailingGroupID of the ContainerBundleReportCreateRequest message	
ContainerBundleReportHeaderInfo block ends				
ReturnInfo block begins			Required block; 0 to many pairings of ReturnCode and ReturnDescription can be submitted	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
ContainerBundleReportHeaderInfo block ends				

ContainerBundleReportQueryRequest

Purpose

Request to retrieve all the Container and Bundle information for a Periodicals Outside County Container or Bundle report

Business Rules

- Submitted after a successful ContainerBundleReportCreateResponse message is returned to the customer

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
ContainerBundleReportHeaderInfo block begins			Attributes block	

Field	Format	Acceptable Values	Business Rules	Errata Identified
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID of the ContainerBundleReportCreateResponse message	
MailingGroupID	Non-Negative integer		Required field; must be populated with the same value as the MailingGroupID of the ContainerBundleReportCreateResponse message	
ContainerBundleReportHeaderInfo block ends				
SubmittingParty Block			Required block; Identifies the customer submitting the message	
SubmittingSoftware Block			Required block; Identifies the software submitting the message	

ContainerBundleReportQueryResponse

Purpose

Response to the customer displaying the container and bundle data query results or the reason why there was a query error

Business Rules

- Submitted after a successful ContainerBundleReportCreateResponse message is returned to the customer

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
ContainerBundleReportHeaderInfo block begins				

Field	Format	Acceptable Values	Business Rules	Errata Identified
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the MailingGroupID of the ContainerBundleReportQueryRequest message	
MailingGroupID	Non-Negative integer		Required field; must be populated with the same value as the CustomerGroupID of the ContainerBundleReportQueryRequest message	
ContainerBundleReportHeaderInfo block ends				
QueryResults block begins			Required block; either the QueryResults or QueryError block must be populated in the response	
ContainerBundleReportID	String, 12 characters		Required field; must be populated with the same value as the CustomerBundleReportID field of the ContainerBundleReportCreateResponse message	
~~TrackingID~~	~~String, 12 characters~~		Required field; must be populated with the same value as the TrackingID field of the ContainerBundleReportCreateResponse message	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ContainerBundleVersionRecords block begins			Required block; respond with ContainerBundleMPURecords block or ContainerBundleSummaryRecords block	52
SackTrayContainerVersionRecord block begins			Optional block; 0 to many pairings can be submitted for sack and tray charges	52
mailxml:DocumentVersionData	Complex			52
PublicationInfo	Complex		Required field, mailxml:permitPublicationDataType	52
PublicationTitle	String, 60 characters		Optional field	
PostageStatementLineNumber	String	E1, E2, E3, E4, E5, E6, E7, E8, E9, E10, E11, E12, E13, E14, E15, E16, E17, E18, E19, E20, E21, E22, E23, E24	Optional field; uses the Container Level and Entry level to find the lines mailxml_base:postageStatementLineNumber2Type	
ChargeableContainerLevel	String	3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC M = Mixed ADC/Mixed AADC	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Identified
ChargeableEntryLevel	String	B = Destination BMC C = Origin SCF D = DDU J = Origin ADC K = Origin BMC O = Origin Post Office/DMU R = Destinatoin ADC S = Destination SCF	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*
Containers	Double		Required field	
IssueDate	Date		Required field	
IssueNumber	String, 6 characters		Optional field	
VolumeNumber	String, 6 characters		Optional field	
SackTrayContainerVersionRecord block ends				
PalletContainerVersionRecord block begins			Optional block; used for pallet charages (0 to many pairings can be submitted)	
mailxml:DocumentVersionData	Complex			52
PublicationInfo	Complex		Required field, mailxml:permit PublicationData Type	52
PublicationTitle	String, 60 characters		Optional field	52
PostageStatementLineNumber	String	E26, E27, E28, E30, E31, E32, E33, E34, E35, E36, E37, E38, E39, E40, E41, E42, E43, E44, E45, E46	Optional field; uses the Container Level and Entry level to find the lines mailxml_base:postageStatementLineNumber1 Type	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ChargeableContainerLevel	String	3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC M = Mixed ADC/Mixed AADC	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*
ChargeableEntryLevel	String	B = Destination BMC C = Origin SCF D = DDU J = Origin ADC K = Origin BMC O = Origin Post Office/DMU R = Destinatoin ADC S = Destination SCF	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*
Containers	Double		Required field	
IssueNumber	String, 6 characters		Optional field	
VolumeNumber	String, 6 characters		Optional field	
IssueDate	Date		Required field	
PalletContainerVersionRecord block ends				
BundleVersionRecord block begins			Optional block; used for bundle charages (0 to many pairings can be submitted)	
mailxml:DocumentVersionData	Complex			52
PublicationInfo	Complex		Required field, mailxml:permit PublicationData Type	52
PublicationTitle	String, 60 characters		Optional field	52

Field	Format	Acceptable Values	Business Rules	Errata Identified
PostageStatementLineNumber	String	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17	Optional field; uses the Container Level and Entry level to find the lines mailxml_base:postageStatementLineNumber3Type	
ChargeableContainerLevel	String	3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC M = Mixed ADC/Mixed AADC	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*
ChargeableBundleLevel	String	3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC C = Carrier Route F = Firm M = Mixed ADC/Mixed AADC	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*
Bundles	Double		Required field	
IssueDate	Date		Required field	
IssueNumber	String, 6 characters		Optional field	
VolumeNumber	String, 6 characters		Optional field	
BundleVersionRecord block ends				52
ContainerBundleVersionRecords block ends				52
ContainerBundleSummaryRecords block begins			Required block for each ContainerBundleMPURecord block	

Field	Format	Acceptable Values	Business Rules	Errata Identified
SackTrayContainerRecord block begins			Optional block; 0 to many pairings can be submitted depending upon the number of SackTrayContainerMPURecords (used for Sack or Tray charges)	
PublicationInfo	Complex		Required field mailxml:permitPublicationDataType	52
PublicationTitle	String, 60 characters		Optional field	52
PostageStatementLineNumber	String	E1, E2, E3, E4, E5, E6, E7, E8, E9, E10, E11, E12, E13, E14, E15, E16, E17, E18, E19, E20, E21, E22, E23, E24	Optional field; uses the Container Level and Entry level to find the lines mailxml_base:postageStatementLineNumber2Type	
ChargeableContainerLevel	String	3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC M = Mixed ADC/Mixed AADC	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Identified
ChargeableEntryLevel	String	B = Destination BMC C = Origin SCF D = DDU J = Origin ADC K = Origin BMC O = Origin Post Office/DMU R = Destinatoin ADC S = Destination SCF	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*
Containers	Double		Required field	
IssueDate	Date		Required field	
IssueNumber	String, 6 characters		Optional field	
VolumeNumber	String, 6 characters		Optional field	
SackTrayContainerRecord block ends				
PalletContainerRecord block begins			Optional block; 0 to many pairings can be submitted depending upon the number of PalletMPURecords (used for Pallet charges)	
PublicationInfo	Complex		Required field mailxml:permitPublicationDataType	52
PublicationTitle	String, 60 characters		Optional field	52
PostageStatementLineNumber	String	E26, E27, E28, E30, E31, E32, E33, E34, E35, E36, E37, E38, E39, E40, E41, E42, E43, E44, E45, E46	Optional field; uses the Container Level and Entry level to find the lines	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ChargeableContainerLevel	String	3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC M = Mixed ADC/Mixed AADC	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*
ChargeableEntryLevel	String	B = Destination BMC C = Origin SCF D = DDU J = Origin ADC K = Origin BMC O = Origin Post Office/DMU R = Destinatoin ADC S = Destination SCF	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*
Containers	Double		Required field	
IssueDate	Date		Required field	
IssueNumber	String, 6 characters		Optional field	
VolumeNumber	String, 6 characters		Optional field	
PalletContainerRecord block ends				
BundleRecord block begins			Optional block; 0 to many pairings can be submitted depending upon the number of BundleMPURecords (used for Bundle charges)	
PublicationInfo	Complex		Required field mailxml:permitPublicationDataType	52
PublicationTitle	String, 60 characters		Optional field	52

Field	Format	Acceptable Values	Business Rules	Errata Identified
PostageStatementLineNumber	String	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17	Optional field; uses the Container Level and Entry level to find the lines mailxml_base:postageStatementLineNumber3Type	
ChargeableContainerLevel	String	3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC M = Mixed ADC/Mixed AADC	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*
ChargeableBundleLevel	String	3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC C = Carrier Route F = Firm M = Mixed ADC/Mixed AADC	Required field; <BLANK> = NULL is not supported	9 – *See Appendix D for detail*
Bundles	Double		Required field	
IssueDate	Date		Required field	
IssueNumber	String, 6 characters		Optional field	
VolumeNumber	String, 6 characters		Optional field	
BundleRecord block ends				
ContainerBundleSummaryRecords block ends				
ReturnInfo block begins			Optional block; 0 to many pairings of ReturnCode and ReturnDescription can be submitted	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ReturnInfo block ends				
QueryResults block ends				
QueryError block begins			Required when the query data cannot be provided; provides a reason for the error	
ReturnInfo block begins			Required block; 0 to many pairings of ReturnCode and ReturnDescription can be submitted	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
ReturnInfo block ends				
QueryError block ends				

ContainerBundleReportCancelRequest

Purpose

Request to cancel the container and bundle report information within a mailing group

Business Rules

- ContainerBundleReportCreateRequest message must be submitted successfully by the customer

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
ContainerBundleReportHeaderInfo block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID of the ContainerBundleReportCreateResponse message	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailingGroupID	Non-Negative integer		Required field; must be populated with the same value as the MailingGroupID of the ContainerBundleReportCreateResponse message	
ContainerBundleReportHeaderInfo block ends				
SubmittingParty Block			Required block; Identifies the customer submitting the message	
SubmittingSoftware Block			Required block; Identifies the software submitting the message	

ContainerBundleReportCancelResponse

Purpose

Response message to inform the customer of whether the container bundle report information has been cancelled or the reason why it was not

Business Rules

- Will accept if the container bundle report information exists within the mailing group
- Will reject if the container bundle report information does not exist within the mailing group

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
ContainerBundleReportCancelAccept block begins			Required block if the container bundle report data exists in the mailing group	
ContainerBundleReportHeaderInfo block begins			Attributes block	

Field	Format	Acceptable Values	Business Rules	Errata Identified
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID of the ContainerBundleReportCancelRequest message	
MailingGroupID	Non-Negative integer		Required field; must be populated with the same value as the MailingGroupID of the ContainerBundleReportCancelRequest message	
ContainerBundleReportHeaderInfo block ends				
CancelConfirmID	String, 12 characters		Required field; CancelConfirmID or TrackingID must be populated	
~~TrackingID~~	~~String, 12 characters~~		Required field; CancelConfirmID or TrackingID must be populated	
ContainerBundleReportID	String, 12 characters		Required field; must be populated with the same value as the CustomerBundleReportID field of the ContainerBundleReportCreateResponse message	
ReturnInfo block begins			Optional block; 0 to many pairings of ReturnCode and ReturnDescription can be submitted	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
ReturnInfo block ends				
ContainerBundleReportCancelAccept block ends				
ContainerBundleReportCancelReject block begins			Required block if the container bundle report data does not exists in the mailing group	
ContainerBundleReportHeaderInfo block begins			Attributes block	
CustomerGroupID	String, 25 characters		Required field; must be populated with the same value as the CustomerGroupID of the ContainerBundleReportCancelRequest message	
MailingGroupID	Non-Negative integer		Required field; must be populated with the same value as the MailingGroupID of the ContainerBundleReportCancelRequest message	
ContainerBundleReportHeaderInfo block ends				
ReturnInfo block begins			Required block; 0 to many pairings of ReturnCode and ReturnDescription can be submitted	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
ReturnInfo block ends				
ContainerBundleReportCancelReject block ends				

ConsolidatedPeriodicalStatementCreateRequest

Purpose

Allows the USPS customer to create a consolidated statement by combining previously-submitted Periodicals statements

Business Rules

- Must send a successful OpenMailingGroupRequest message before sending the ConsolidatedPeriodicalStatementCreateRequest message
- Must send a successful QualificationReportCreateRequest message before sending the ConsolidatedPeriodicalStatementCreateRequest message
- Must send a successful ContainerBundleReportCreateRequest message before sending the ConsolidatedPeriodicalStatementCreateRequest message
- Must send a successful PeriodicalStatementCreateRequest message before sending the ConsolidatedPeriodicalStatementCreateRequest message
- Consolidated Statement must consolidate all child statements with Statement Sequence Numbers between FirstStatementSequenceNumber and LastStatementSequenceNumber and ForConsolidation field set to TRUE

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailXMLPostageStatementRequestHeaderInfo block begins			Attributes block	
CustomerGroupID	String, 25 Characters		Required field	
MailingGroupID	Non-Negative Integer		Required field; must be populated with the same value as the MailingGroupID from the successfully sent OpenMailingGroupRequest message	
MailXMLPostageStatementRequestHeaderInfo block ends				
SubmittingParty Block			Required block; Identifies the customer submitting the message	

Field	Format	Acceptable Values	Business Rules	Errata Identified
SubmittingSoftware Block			Required block; Identifies the software submitting the message	
~~LargeTransactionDivideroptionalGroupType~~			~~To be added to Mail.XMl, Required by PO!~~	~~165 – See Appendix D~~
CreateConsolidatedPeriodicalStatementData block begins			Required block; contains data for consolidated periodical statements	
PeriodicalStatement block begins			Required block; contains data critical to postage statement calculation (1 to many pairings can be submitted within the CreateConsolidatedPeriodicalStatementData block)	
AdvertisingPercentage	Percentage		Required field; 5 total digits with a max value of 100.00	100 – *See Apendix D*
AutomationAddressMatchDate	Date		Optional field; Required for Automation mailings	
CustomerReferenceID	String, 40 characters		Optional field; Used to populate Customer Reference ID	
UserPostageStatementID	String, 10 characters		Optional field; Used to populate User Postage Statement ID to uniquely identify postage statement	

Field	Format	Acceptable Values	Business Rules	Errata Identified
CarrierRouteAddressMatchingDate	Date		Optional field; Required for Carrier Route Automation pieces	
CarrierRouteSequencingDate	Date		Optional field; Required for Carrier Route Sequencing pieces	
CertificationData block begins			Required block; data used in the certiciation statement section of the postage statement	
ContactName	String, 40 characters		Required field	
PhoneAreaCode	Numeric, 3 characters		Required field; must be exactly 3 characters	
PhoneLast4	Numeric, 4 characters		Required field; must be exactly 4 characters	
PhonePrefix	Numeric, 3 characters		Required field; must be exactly 3 characters	
CertificationData block ends				
ContainerCount block begins			Required block; at least one of the fields in this block must be populated with a nonzero value	15 – *See Appendix D for detail*
OtherType	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
Pallets	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
Sacks	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Identified
Trays1mm	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
Trays2emm	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
Trays2mm	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
TraysFlat	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	15 – *See Appendix D for detail*
ContainerCount block ends				
CopyWeight	Decimal		Required field; used for PostalOne! postage calculation	30 – *See Appendix D for detail*
EditionCode	String, 20 characters		Optional field; printed on postage statement if provided	
FirstIssueDate	Date		Optional field; not used by PostalOne!	
FormType	String	PE = Periodicals	Required field	
IssueDate	Date		Required field	
IssueFrequency	String, 20 characters		Optional field; populated with the frequency the postage statement comes from Publication data	
IssuesInMonth	Non-Negative Integer		Optional field; not used by PostalOne!	

Field	Format	Acceptable Values	Business Rules	Errata Identified
LastIssueDate	Date		Optional field; not used by PostalOne!	
PostageStatementMailingDate	DateTime		Required field; Used to determine prices and display on postage statement	
Over10	Boolean	True = Subscribers or Requesters over the 10% rule False = No subscribers or requesters over the 10% rule	Required field	
LimitedCirculationDiscountClaimed	String	Yes No	Required field	
PeriodicalLineItemData block begins			Required block; data used to generate specific line items of postage statement (1 to many pairings)	
Copies	Non-Negative Integer		Optional field; total copies for pound postage lines	
DiscountQty	Decimal		Optional field; Required for DiscountType of 1 to indicate In County number of addressed DDU pieces	
DiscountType	String	1 = DDU	Optional field	
InOutCountyIndicator	String, 1 character	I = In County N = Not County O = Other	Required field	107 – *See Appendix D*
LineLabel	String, 80 characters		Optional field; this field will be overwritten during postage statement calculation	

Field	Format	Acceptable Values	Business Rules	Errata Identified
LineNumber	String, 3 characters		Optional field; this field will be overwritten during postage statement calculation	
NonCopies	Non-Negative Integer		Optional field; Required for NonSubscriber copies or NonRequester copies for pound postage lines	PO! Needs to review how it finds subscriber Vs requestor copies? Does it subtract non copies from copies?
PieceRate	Decimal		Optional field; not used by PostalOne!	
Pieces	Non-Negative Integer		Optional field; Required for Piece Postage lines	
PostageAmount	Decimal		Optional field; not used by PostalOne!	
PoundRate	Decimal		Optional field; not used by PostalOne!	

Field	Format	Acceptable Values	Business Rules	Errata Identified
RateCategory	String	A = Saturation ECR B = High Density Saturation D = Basic ECR E = Auto 5-Digit G = Non-Barcode 5-Digit H = Auto 3-Digit K = 3D Non Barcode L = Basic Auto L3 = ADC L2 = Mixed ADC L5 = ADC Non-BC L6 = Mixed ADC Non-BC FB = Firm Bundle Outside County	Required field	16 – *See Appendix D for detail*
Section	String, 1 character		Optional field; not used by PostalOne!	
SubReqCopies	Non-Negative Integer		Optional field; Required for pound postage lines	
Zone	String	N = None 1 = Zone 1 & 2 3 = Zone 3 4 = Zone 4 5 = Zone 5 6 = Zone 6 7 = Zone 7 8 = Zone 8 S = SCF A = ADC D = DDU	Optional field; Required for pound postage lines	57 – *See Appendix D for detail*
ChargeableContainerType	String	Sacks-Trays Pallets	Optional field; Required for Outside County Container charge lines.	SM77

Field	Format	Acceptable Values	Business Rules	Errata Identified
ChargeableContainerLevel	String	3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC M = Mixed ADC/Mixed AADC	Optional field; Required for Outside County container and bundle charge lines (<BLANK> is not a value being supported)	9 – *See Appendix D for detail*
ChargeableBundleLevel		3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC C = Carrier Route F = Firm M = Mixed ADC/Mixed AADC	Optional field; Required for Outside County container and bundle charge lines (<BLANK> is not a value being supported)	9 – *See Appendix D for detail*
Bundles	Decimal		Optional field; Required for Outside County bundle charge lines (PostalOne! rounds to four decimal places on each line)	
ChargeableEntryLevel	String	B = Destination BMC C = Origin SCF D = DDU J = Origin ADC K = Origin BMC O = Origin Post Office/DMU R = Destinatoin ADC S = Destination SCF	Optional field; Required for Outside County container and bundle charge lines	

Field	Format	Acceptable Values	Business Rules	Errata Identified
Containers	Decimal		Optional field; Required for Outside County container charge lines (PostalOne! rounds to four decimal places on each line)	
MachinableFlag	String	Yes No	Optional field; Required for piece postage lines	
PeriodicalLineItemData block ends				
PeriodicalStatementType		N = 3541		
~~PostOfficeofMailingZIP~~	~~Numeric, exactly 5 characters~~	-	~~Required field; PostalOne! will display the post office of mailing ZIP assigned to the post office in PostalOne!~~	Cr73
PostagePaymentMethod	String	P = Permit G = Government	Required field	Verify G works
ProcessingCategory	String	LT = Letter FL = Flat IR = Irregular Parcel MP = Machinable Parcel NP = Nonmachinable Parcel	Required	33 – *See Appendix D for detail*
PublicationTitle	String, 60 characters		Optional field, PostalOne! uses this to get the Title	
RateType	String	R = Regular N = Nonprofit S = Science of Agriculture C = Classroom W = Science of Agriculture Limited Circulation Y = Regular Limited Circulation	Required field	34 – *See Appendix D for detail*

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~SheetWeight~~	~~Decimal~~	-	~~Optional field; not used by PostalOne!~~	99 – See Appendix
SingleRideAlongWeight	Decimal		~~Required~~ Optional	59 – *See Appendix D for detail*
StatementSequenceNumber	String, 20 characters		Optional field; displayed on postage statement if provided	
EntryFacilityType	String	O = Origin B = BMC S = SCF D = DDU A = ADC	Optional field Required for discounts on dropping to entry facility type If FormType is PE this field must be O, B, S, D, or A	
EntryZIP	Numeric, exactly 5 characters		Optional field; displayed on the postage statement register info if provided	
AgencyCostCode	Numeric, 5 or 6 characters		Optional field; Required if a government publication (can start with leading zeros)	
PeriodicalCombinedMailingData block begins			Optional block; Required for Combined Mailing	
CombinedMailingID	Non-Negative Integer		Required field for Periodicals Combined Mailing (this value must be populated with the same value for each record in the Combined Mailing)	

Field	Format	Acceptable Values	Business Rules	Errata Identified
FirstPeriodicalCombinedMailing	Boolean		Required field; the first combined mailing statement must have this field set to True (all statements in the mailing except the first should have firstCombinedMailing set to False)	
LastPeriodicalCombinedMailing	Boolean		Required field; the last combined mailing statement must have this field set to True (all statements in the mailing except the last should have LastCombined Mailing set to False)	
MaxStatements	Non-Negative Integer		Required field; the number of statements cannot be changed after submitting the first combined mailing statement	
PeriodicalCombinedMailingData block ends				
RepositionableNotesIndicator	Boolean	0 = no repositionable notes 1 = repositionable notes	Required field	
DocumentVersionData block begins			Optional block; Required for Version Summary Report	
VersionID	String, 10 characters		Required field	
VersionName	String, 12 characters		Required field	SM21

Field	Format	Acceptable Values	Business Rules	Errata Identified
VersionDescription	String, 30 characters		Optional field	SM21
PieceWeight	Decimal		Required field	
AdPercent	Percentage		Optional field; Percentage - max value 100.00.	
RateAffixed	Decimal		Required field; Fill with 0 for periodicals	158 – See Appendix D
DocumentVersionData block ends				
ForConsolidation	Boolean		Optional, not used for Periodicals	
MoveUpdateMethod	0 = None 1 = ACS Link 2 = NCOA 3 = FAST Forward 4 = Mailer Move Update Process 5 = Ancillary Service Endorsements 6 = Multiple 7 = n/a Alternative Address Format 8 = OneCode ACS		Optional field; does not apply for Periodicals	5 – See Appendix D
InCountyAddSuppPieces	Integer		Optional	39 – See appendix D
OutsideCountyAddSuppPieces	Integer		Optional	40 – See Appendix D
PiecesExcludingAddSuppPIeces	Integer		Optional	41 – See Appendix D
MailingAgentData block begins			Optional field; Required if there is a mailing agent for the mail owner	
MID block begins			Optional block; Choose MID6 or MID9 if used	
MID6	String, 6 characters		Optional field	
MID9	String, 9 characters		Optional field	
MID block ends				

Field	Format	Acceptable Values	Business Rules	Errata Identified
ContactName	String, 60 characters		Required field	
PermitPublicationData block begins			Required block; must contain the Publication Number or the combination of PermitNumber, PermitType, PermitZIP4	
PermitNumber	String, 8 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	
PermitType	String		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*
PermitZIP4	Numeric, 9 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109, 110 – *See Appendix D*
PublicationNumber	Numeric, 9 characters		Optional field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	
PermitPublicationData block ends				
MailingAgentData block ends				

Field	Format	Acceptable Values	Business Rules	Errata Identified
PublisherData block begins			Required block; PostalOne! uses this data to bill the postage statement	
MID block begins			Optional block; Choose MID6 or MID9 if used	
MID6	String, 6 characters		Optional field	
MID9	String, 9 characters		Optional field	
MID block ends				
ContactName				
PermitPublicationData block begins				
PermitNumber	String, 8 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	
PermitType	String		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*
PermitZIP4	Numeric, 9 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109, 110 – *See Appendix D*

Field	Format	Acceptable Values	Business Rules	Errata Identified
PublicationNumber	Numeric, 9 characters		Optional field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	
PermitPublicationData block ends				
PublisherData block ends				
FirstStatementSequenceNumber	String, 30 characters		Required field	
LastStatementSequenceNumber	String, 30 characters		Required field	
LimitedCirculationDiscountClaimed	String	Yes No	Required field	
PublisherData block begins			Required block; PostalOne! uses this data to bill the postage statement	
MID block begins			Optional block; Choose MID6 or MID9 if used	
MID6	String, 6 characters		Optional field	
MID9	String, 9 characters		Optional field	
MID block ends				
ContactName				
PermitPublicationData block begins				
PermitNumber	String, 8 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	
PermitType	String		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*

Field	Format	Acceptable Values	Business Rules	Errata Identified
PermitZIP4	Numeric, 9 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109, 110 – *See Appendix D*
PublicationNumber	Numeric, 9 characters		Optional field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	
PermitPublicationData block ends				
MailingAgentData block begins			Optional field; Required if there is a mailing agent for the mail owner	
Address1	String, 64 characters		Required field	
Address2	String, 64 characters		Optional field	
City	String, 45 characters		Optional field	
Country	String, 45 characters		Optional field	
DunsNumber	String, 20 characters		Optional field	
Email	String		Optional field	
MID block begins			Optional block; Choose MID6 or MID9 if used	
MID6	String, 6 characters		Optional field	
MID9	String, 9 characters		Optional field	
MID block ends				
CRID	String, 10 characters		Optional field	
ContactName	String, 60 characters		Required field	

Field	Format	Acceptable Values	Business Rules	Errata Identified
PermitPublicationData block begins			Required block; must contain the Publication Number or the combination of PermitNumber, PermitType, PermitZIP4	
PermitNumber	String, 8 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitType and PermitZIP4	
PermitType	String		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitZIP4	109, 110 – *See Appendix D*
PermitZIP4	Numeric, 9 characters		Optional field; must be populated if PublicationNumber not populated and must be unique with PermitNumber and PermitType	109, 110 – *See Appendix D*
PublicationNumber	Numeric, 9 characters		Optional field; must be populated if PermitNumber not populated (must not be populated if PermitNumber is populated)	
PermitPublicationData block ends				
PhoneAreaCode	Numeric, exactly 3 characters		Required field	
PhoneExtension	String, 5 characters		Optional field	

Field	Format	Acceptable Values	Business Rules	Errata Identified
PhoneLast4	String, exactly 4 characters		Required field	
PhonePrefix	Numeric, exactly 3 characters		Required field	

Field	Format	Acceptable Values	Business Rules	Errata Identified
State	String	AL - Alabama, AK - Alaska AS - American Somoa, AZ - Arizona, AR - Arkansas, CA - California, CO - Colorado, CT - Connecticuit, DE - Delaware, DC - District of Columbia, FM - Federeated States of Micronesia, FL - Florida, GA - Georgia, GU - Guam, HI - Hawaii, IL - Illinois, IN - Indiana, IA - Iowa, ID - Idaho, KS - Kansas, KY - Kentucky, LA - Louisiana, MH - Marshall Islands, MD - Maryland, MA - Massachusetts, MI - Michigan, MN - Minnesota, MS - MIssissippi, MT - Montana, NE - Nebraska, NV - Nevada, NH - New Hampshire, NJ - New Jersey, NM - New Mexico, NY - New York, NC - North Carolina, ND - North Dakota, MP - Northern Mariana Islands, OH - Ohio, OK - Oklahoma, OR - Oregon, PW - Palau, PA - Pennsylvania, PR - Puerto Rico, RI - Rhode Island, SC - South Carolina, SD - South Dakota, TN - Tennessee, UT - Utah, VT - Vermont, VI - Virgin Islands, VA - Virginia, WA - Washington, WV - West Virginia, WI - WIsconsin, WY - Wyoming	Optional field	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ZipCode	Numeric, 3 or 5 characters		Required field	
ZipCode4	Numeric, exactly 4 characters		Optional field	
MailingAgentData block ends				
ContainerCount block begins			Required block; at least one of the fiels in this block must be populated with a nonzero value	
OtherType	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	
Pallets	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	
Sacks	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	
Trays1mm	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	
Trays2emm	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	
Trays2mm	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	

Field	Format	Acceptable Values	Business Rules	Errata Identified
TraysFlat	Non-Negative Integer		Conditionally required if no other fields are populated with a nonzero value	
ContainerCount block ends				
PeriodicalLineItemData block begins			Required block; data used to generate specific line items of postage statement (1 to many pairings)	
Copies	Non-Negative Integer		Optional field; total copies for pound postage lines	
DiscountQty	Decimal		Optional field; Required for DiscountType of 1 to indicate In County number of addressed DDU pieces	
DiscountType	String	1 = DDU	Optional field	
InOutCountyIndicator	String, 1 character	I = In County N = Not County ~~O = Other~~	Required field	107 – *See Appendix D SM26*
LineLabel	String, 80 characters		Optional field; this field may be overwritten during postage statement calculation	
LineNumber	String, 3 characters		Optional field; this field may be overwritten during postage statement calculation	
NonCopies	Non-Negative Integer		Optional field; Required for NonSubscriber copies or NonRequester copies for pound postage lines	

Field	Format	Acceptable Values	Business Rules	Errata Identified
PieceRate	Decimal		Optional field; not used by PostalOne!	
Pieces	Non-Negative Integer		Optional field; Required for Piece Postage lines	
PostageAmount	Decimal		Optional field; not used by PostalOne!	
PoundRate	Decimal		Optional field; not used by PostalOne!	
RateCategory	String	A = Saturation ECR B = High Density Saturation D = Basic ECR E = Auto 5-Digit G = Non-Barcode 5-Digit H = Auto 3-Digit K = 3D Non Barcode L = Basic Auto L3 = ADC L2 = Mixed ADC L5 = ADC Non-BC L6 = Mixed ADC Non-BC FB = Firm Bundle Outside County	Required field	32
Section	String, 1 character		Optional field; not used by PostalOne!	
SubReqCopies	Non-Negative Integer		Optional field; Required for pound postage lines	

Field	Format	Acceptable Values	Business Rules	Errata Identified
Zone	String	N = None 1 = Zone 1 & 2 3 = Zone 3 4 = Zone 4 5 = Zone 5 6 = Zone 6 7 = Zone 7 8 = Zone 8 SCF ADC DDU	Optional field; Required for pound postage lines	
ChargeableContainerType	String	Sacks-Trays Pallets	Optional field; Required for Outside County Container charge lines.	SM77
ChargeableContainerLevel	String	3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC M = Mixed ADC/Mixed AADC	Optional field; Required for Outside County container and bundle charge lines (<BLANK> is not a value being supported)	9 – *See Appendix D for detail*
ChargeableBundleLevel		3 = 3-Digit/SCF 5 = 5-Digit/Carrier Route A = ADC/AADC C = Carrier Route F = Firm M = Mixed ADC/Mixed AADC	Optional field; Required for Outside County container and bundle charge lines (<BLANK> is not a value being supported)	9 – *See Appendix D for detail*
Bundles	Decimal		Optional field; Required for Outside County bundle charge lines (PostalOne! rounds to four decimal places on each line)	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ChargeableEntryLevel	String	B = Destination BMC C = Origin SCF D = DDU J = Origin ADC K = Origin BMC O = Origin Post Office/DMU R = Destinatoin ADC S = Destination SCF	Optional field; Required for Outside County container and bundle charge lines	
Containers	Decimal		Optional field; Required for Outside County container charge lines (PostalOne! rounds to four decimal places on each line)	
MachinableFlag	String	Yes No	Optional field; Required for piece postage lines	
PeriodicalLineItemData block ends				
CreateConsolidatedPeriodicalStatementData block ends				

ConsolidatedPeriodicalStatementCreateResponse

Purpose

Response on whether the consolidated periodical postage statement was accepted or rejected

Business Rules

- Will reject the request if the mailing group does not exist
- Will reject the request if there are no child statements to consolidate
- Will reject the request if one of the child statements with StatementSequenceNumber in between the First and Last Statement Sequence Number has ForConsolidated field set to False
- Will accept the request if the TotalPostage field is populated with the same value as the sum of all values in the TotalPostage field for all child statements

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
ConsolidatedPeriodicalStatementCreateAccept block begins			Required block if the ConsolidatedPeriodicalStatementRequest has valid fields and the mailing group exists	167 – See Appendix D
MailXMLPostageStatementRequestHeaderInfo block begins			Attributes block	
CustomerGroupID	String, 25 Characters		Required field; must be populated with the same value as the CustomerGroupID from the successfully sent ConsolidatedPeriodicalStatementCreateRequest message	
MailingGroupID	Non-Negative Integer		Required field; must be populated with the same value as the MailingGroupID from the successfully sent ConsolidatedPeriodicalStatementCreateRequest message	
Status	String		Optional field	
MailXMLPostageStatementResponseHeaderInfo block ends				
StatementID	Non-negative integer		Required field; paired with TotalPostage and ReturnInfo block	
TotalPostage	Decimal		Required field; paired with StatementID and ReturnInfo block	
ReturnInfo block begins			Optional block; paired with StatementID and TotalPostage	

Field	Format	Acceptable Values	Business Rules	Errata Identified
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
ReturnInfo block ends				
~~TrackingID~~	~~String, 12 characters~~		Required field; paired with ReturnInfo block in the ConsolidatedPeriodicalStatementCreateAccept block	
IncludeChildStatement	Boolean	Yes or No	Required	167 – See Appendix D
ReturnInfo block begins			Optional block; paired with TrackingID field in the ConsolidatedPeriodicalStatementCreateAccept block	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
ReturnInfo block ends				
ConsolidatedPeriodicalStatementCreateAccept block ends				
ConsolidatedPeriodicalStatementCreateReject block begins			Required block if the fields in the request message are not valid or if the mailing group does not exist	
MailXMLPostageStatementRequestHeaderInfo block begins			Attributes block	
CustomerGroupID	String, 25 Characters		Required field; must be populated with the same value as the CustomerGroupID from the successfully sent ConsolidatedPeriodicalStatementCreateRequest message	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailingGroupID	Non-Negative Integer		Required field; must be populated with the same value as the MailingGroupID from the successfully sent ConsolidatedPeriodicalStatementCreateRequest message	
Status	String		Optional field	
MailXMLPostageStatementResponse HeaderInfo block ends				
ReturnInfo block begins			Required block; zero to many pairings can be submitted between ReturnCode and ReturnDescription	
ReturnCode	Numeric, 4 characters		Optional field	
ReturnDescription	String, 260 characters		Required field	
ReturnInfo block ends				
ConsolidatedPeriodicalStatementCreateReject block ends				

CustomerMailReportCreateRequest

Purpose

To satisfy the verification reporting needs for one pass and two pass mailing environments

Business Rules

- Customer will provide this data as part of one pass or two pass mailing

Field Description

Field	Format	Acceptable Value	Business Rules

Field	Format	Acceptable Value	Business Rules
SubmittingParty	mailxml:participantIDType		Refer section 3.2 for details on submitting party
SubmittingSoftware	mailxml:submittingSoftwareType		Refer section 3.2 for details on submitting party
CustomerGroupID	mailxml_base:s25		Required
MailingGroupID	xs:nonNegativeInteger		Required
OnePassPlannedOrActual	mailxml_base:yesNo	Yes or No	Optional
OnePassOrTwoPass	mailxml_base:onePassOrTwoPassType	One, Two	Optional
CustomerMailReportInfo Block BEGIN			1 to many
CustomerName	mailxml_base:s50		Optional
PermitInfo block BEGIN			Optional Block
Choice Block BEGIN			
PermitNumber	mailxml_base:s08		Required
PermitType	mailxml_base:permitTypeType		Required
PermitZip4	Numeric String, 9		Required
OR			
PublicationNUmber	String		Required
Choice block END			
PermitInfo block END			
RateAffixed	xs:double		Optional
AdditionalPermitInfo BEGIN			Optional Block
Choice Block BEGIN			
PermitNumber	mailxml_base:s08		Required
PermitType	mailxml_base:permitTypeType		Required
PermitZip4	Numeric String, 9		Required
OR			
PublicationNUmber	String		Required
Choice block END			
AdditionalPermitInfo END			
Weight	xs:double		Optional
TotalPostage	xs:double		Optional
PostageAffixed	xs:double		Optional
NumberOfPieces	xs:nonNegativeInteger		Optional
RunningTotalNumberOfPieces	xs:nonNegativeInteger		Optional
CustomerMailReportInfo Block END			

CustomerMailReportCreateResponse

Purpose
To satisfy the verification reporting needs for one pass and two pass mailing environment

Business Rules
- Customer will provide this data as part of one pass or two pass mailing

Field Description

Field	Format	Acceptable Value	Busines Rules
CustomerMailReportCreateAccept Block BEGIN			
ReturnInfo Block BEGIN			
ReturnCode	String		Optional
ReturnDescription	String, 260		Required
ReturnInfo Block END			
CustomerMailReportCreateAccept Block END			
CustomerMailReportCreateReject Block BEGIN			
ReturnInfo block BEGIN			
ReturnCode	String		Optional
ReturnDescription	String, 260		Required
RetunrInfo block END			
CustomerMailReportCreateReject block END			

SummaryZipDestinationReportCreateRequest

Purpose
To satisfy the verification reporting needs for one pass and two pass mailing environment

Business Rules
- Customer will provide this data as part of one pass or two pass mailing

Field Description

Field	Format	Acceptable Value	Business Rules
SubmittingParty			Refer section 3.2 for details on submitting party
SubmittingSoftware			Refer section 3.2 for details on submitting party
CustomerGroupID	mailxml_base:s25		
MailingGroupID	xs:nonNegativeInteger		
OnePassPlannedOrActual	mailxml_base:yesNo	Yes, No	Optional
OnePassOrTwoPass	mailxml_base:onePassOrTwoPassType	One, Two	Optional
Sequence BEGIN			One to many
EntryPointZip	String	3 Digit ot 5 Digit	Required
SummaryZipDestinationReport block BEGIN	1 to many		Required
DestinationZip	String	3 Digit ot 5 Digit	
ProcessingCategory	mailxml_base:processingCategoryType	LT, FL, CD, OS, MP, etc	Optional
PostagePaymentMethod	mailxml_base:postagePaymentMethodType	S, M, P	Required
Weight	xs:double		Optional
RateAffixed	xs:double		Optional
NumberOfPieces	xs:nonNegativeInteger		Optional
NumberOfPiecesDifference	xs:nonNegativeInteger		Optional
PostageAffixed	xs:double		Optional
CumulativePostageAffixed	xs:double		Optional
TotalPostage	xs:double		Optional
NetPostageDue	xs:double		Optional
CumulativePostageDue	xs:double		Optional
RunningTotalPieces	xs:nonNegativeInteger		Optional
SummaryZipDestinationReport block END			
Sequence END			

SummaryZipDestinationReportCreateRespose

Purpose

To satisfy the verification reporting needs for one pass and two pass mailing environments

Business Rules

- Customer will provide this data as part of one pass or two pass mailing

Field Description

Field	Format	Acceptable Value	Busines Rules
SummaryZipDestinationReportCreateAccept Block BEGIN			
ReturnInfo Block BEGIN			
ReturnCode	String		Optional
ReturnDescription	String, 260		Required
ReturnInfo Block END			
SummaryZipDestinationReportCreateAccept Block END			
SummaryZipDestinationReportCreateReject Block BEGIN			
ReturnInfo block BEGIN			
ReturnCode	String		Optional
ReturnDescription	String, 260		Required
RetunrInfo block END			
SummaryZipDestinationReportCreateReject block END			

3.4 Message Response Retrieval Request Processing

Fault and Fault Recovery Messages

This series of messages is primarily used to support the Asynchronous communication when the response from the USPS may not be within a 7 seconds period and the USPS gives out a tracking ID to the customer. The customer then uses the Tracking ID to get his message response back using the Message Response Retrieval Request/Response message set that includes:

- Message Response Retrieval Request
- Message Response Retrieval Response

In Full-Service Release 1, customers will have the ability to provide tracking ID in the MessageResponseRetrievalRequest message to retrieve the following responses:

- ContainerStatusQueryResponse

- MailingGroupQueryResponse
- PaymentMessageQueryResponse
- ReconciliationReportQueryResponse

3.5 Additional Rules/Constraints

Container Status Messages

The *PostalOne!* system will support status checking through Container Status Query Request and Response messages in this release by the originator of the data and by the entity identified as the Scheduler or Carrier in the eDocumentation. Status checking allows mailers to view the status of any given container(s) and ensure when the container is shipped that the induction facility will not have any issues in accepting the containers.

- The *PostalOne!* system upon receiving the container status message shall go to the container management system of eDropShip to find out all validation status of the requested container(s) and respond to the customer with the status information.
- If there are any issues or validation errors for one or more containers, then the *PostalOne!* system shall respond back to the customer with validation failures for one or more container(s).

3.6 Error Codes/Return Values

Faults, such as a message timeout or invalid XML are to be communicated using the <fault element and returned within the detail section of the SOAP fault. The fault consists of a tracking ID and one or more fault codes and optional fault descriptions.

Below is the list of the error codes that will be used by USPS when deploying the eDocumentation Messages in May 2009

PostalOne! - eDocumentation Return Code Values	
Code	**Description**
5000	FULLSERVICE-EDOC: REQUEST SERVED SUCCESSFULLY.
5001	FULLSERVICE-EDOC: Not Valid Schema.
5002	FULLSERVICE-EDOC: The Customer Group ID is required.
5003	FULLSERVICE-EDOC: The Customer Group ID contains illegal meta-characters.
5004	FULLSERVICE-EDOC: Mailing Group does not exist with Customer Group ID.
5005	FULLSERVICE-EDOC: User does not have access to the mailing group's permit.
5006	FULLSERVICE-EDOC: Internal data error message Please Contact *PostalOne!* Help Desk.
5007	FULLSERVICE-EDOC: Internal System error message Please Contact *PostalOne!* Help Desk.
5008	FULLSERVICE-EDOC: Empty Message. Please Contact *PostalOne!* Help Desk.
5009	FULLSERVICE-EDOC: Request is not XML Message. Please Contact *PostalOne!* Help Desk.
5010	FULLSERVICE-EDOC: NO DATA FOUND.
5501	Barcode Validation Error: Invalid Barcode Length
5502	Barcode Validation Error: Invalid Barcode Prefix
5503	Barcode Validation Error: Invalid Barcode
5504	Entry Point Validation Error: Invalid Entry Point Discount Type

5505	Entry Point Validation Error: Invalid Entry Point Discount Location
5506	Appointment Validation Error: Container associated with multiple appointments
5507	Payment Validation Error: No postage statements associated with the container
5508	Unknown Error
5509	Barcode Validation Error: Missing Barcode
5510	Barcode Validation Error: Duplicate Barcode
5511	Payment Validation Error: Container Payment Not Finalized
5512	No matching records were found for the given criteria
5900	Mail.XML message received is not supported(zzz ->MessageName)
5901	Mail XML version is not supported
8000	Invalid CustomerGroupID
8001	CustomerGroupID cannot be reused for one year
8002	Invalid MailingGroupID
8003	Invalid CRID in the SubmittingParty block
8004	CRID in the SubmittingParty block must be the same for all request messages in a mailing group
8005	Invalid ApprovalDate in the SubmittingSoftware block
8006	Invalid ApprovalKey in the SubmittingSoftware block
8007	Invalid ApprovalDate and ApprovalKey combination in the SubmittingSoftware block
8008	Cannot send EndCombinedMailingRequest before the BeginCombinedMailingRequest message
8009	All fields within the DocumentVersionDate block must be populated with the same values for a mailing group
8010	Either Mail Piece or Mail XML Piece Range records are required.
8011	SchedulerID field not supported.
8012	MaildatUserLicense field not supported.
8013	PermitZIP4 field required for non-periodicals mailing.
8014	PublicationNumber field required for periodicals mailing.
8015	MaildatUserLicense field is not supported.
8016	The LOT Sequenece Direction Code is required when the LOT Sequence Number is provided and the Carrier Route is LOT.
8017	The LOT Sequence Direction Code is required when the Rate Category is set to Carrier Route.
8018	The LOT Sequenece Number is required when the LOT Sequence Direction is provided.
8019	The LOT Sequence Number is required when the Rate Category is set to Carrier Route.
8020	The Walk Sequence Number is required when Carrier Route LOT is used and LOT Sequence Direction is not provided.
8021	Invalid Mail Class.
8022	The DeliveryPointZIP length in the MailPieceBlock is invalid.
8023	IMbarcodeUpperSerialization block minus the IMbarcodeLowerSerialization block must equal piece count if FullServiceParticipationIndicator is F.
8024	MailerID6, MailerID9, SerialNumber6 and SerialNumber9 should be blank.
8025	Inconsisent MailerID6 values in IMbarcodeUpperSerialization.

8026	Inconsisent MailerID9 values in IMbarcodeUpperSerialization.
8027	Invalid SerialNumber6 in IMbarcodeUpperSerialization.
8028	ServiceTypeCode contains invalid value.
8029	CustomerGroupID and MailingGroupID combination is not open.
8030	SubmittingParty values invalid.
8031	PermitZIP4 is required for non-periodical mailings.
8032	PublicationNumber is required for periodical mailings.
8033	LOTSSequenceDirection is required.
8034	LOTSSequenceNumber is required.
8035	WalkSequenceNumber is required.
8036	DeliveryPointZIP has an invalid length.
8037	PlanetCode is a required field.
8038	The PostalOne! system will validate that the PieceID field in the MailPieceBlock of the MailPieceUpdateRequest message is a string between 1 and 22 characters. This is a required field.
8039	MailerID6, MailerID9, SerialNumber6 or SerialNumber9 should be blank.
8040	MaildatUserLicenseCode field is not supported.
8041	Invalid MailClass value.
8042	ServiceLevelIndicator does not match between upper and lower serialization.
8043	No existing piece or piece range for MailPieceUpdateRequest.
8044	SubmittingSoftware values invalid.
8045	UserLicenseCode field is not supported.
8046	MaildatJobID field is not supported.
8047	TransmittedCount field is not supported.
8048	PDRMailPieceBlock is not supported.
8049	PDRRangePieceBlock is not supported.
8050	Invalid cancellation of the MailPiece.
8051	PermitType is required for non-periodical mailings.
8052	LOTSequenceDirection is required.
8053	LOTSequenceDirection is required when RateCategory is Carrier Route.
8054	LOTSSequenceNumber is required when RateCategory is Carrier Route.
8055	WalkSequenceNumber is required when Carrier Route LOT is used.
8056	MailClass value is invalid.
8057	DeliveryContainerID field is required.
8058	PostageAdjustmentUserID field is required.
8059	RateType is a required field. RateType value is invalid.
8060	Mailing date supplied is not the latest mailing date.
8061	Mail.dat fields are not supported.
8062	UserLicenseCode value does not match original.
8063	MaildatJobID value not found.
8064	DatabaseContainerID value not found.

8065	UniqueContainerBarcode value not found.
8066	ActualInductionDate must be in date format. ActualInductionDate is required if ActualInductionTime is populated.
8067	ActualInductionTime field must be in time format ActualInductionTime field is required if ActualInductionDate is populated.
8068	PostageStatementMailingDate must be in date format. PostageStatementMailingDate is required if PostageStatementMailingTime is populated.
8069	PostageStatementMailingTime must be in time format. PostageStatementMailingTime is required if PostageStatementMailingDate is populated.
8070	ContainerReadyToPayTransactionID must be a string and between 1 and 6 characters if populated.
8071	TransportationCarrierID must be a string between 1 and 15 characters if populated.
8072	IncludedInOtherDocumentation must be O or L if populated
8073	CSATripID must be a string between 1 and10 characters if populated
8074	InternalDate must be in date format if populated.
8075	TotalWeight must be a string between 1 and 5 characters if populated.
8076	UniqueContainerID must be a string between 1 and 12 characters if populated.
8077	ContainerStatus must be R, X, C, D, or T.
8078	ContainerStatus can only be updated to D if previously set at C.
8079	ContainerStatus cannot be updated if previously set at D.
8080	ContainerStatus can only be updated to X, C, D, or T if previously set at R.
8081	ContainerStatus can only be updated to X, C, or D if previously set at T.
8082	ContainerStatus can only be updated to T if previously set at X.
8083	ContainerStatus can only be updated to R or X when a T update is submitted.
8084	TransShipBoLNumber must be a string between 1 and 5 characters if populated.
8085	PostageGroupingID must be a string between 1 and 8 characters if populated.
8086	ContainerGrossWeight must be a string between 1 and 5 characters if populated.
8087	ContainerHeight must be a string between 1 and 3 characters if populated.
8088	ContainerHeightSource must be A or E if populated.
8089	TransportDUNSNumber must be a string between 1 and 15 characters if populated.
8090	IMBarcode must be a string between 1 and 24 characters if populated.
8091	ContainerBarcode must be a string between 1 and 24 characters if populated.
8092	UserInformationLine1 must be a string between 1 and 40 characters if populated.
8093	UserInformationLine2 must be a string between 1 and 40 characters if populated.
8094	ConsigneeID must be a string between 1 and 9 characters if populated.
8095	FASTSchedulerID must be a string between 1 and 12 characters if populated.
8096	USPSPickup must be Y or N if populated.
8097	ParentContainerRefID is required if parent container exists.
8098	MailDatContainerUpdateRequest message cannot be submitted before a Mail.dat job submission has occurred.

8099	Original container must exist in the database through a previously submitted Mail.dat job in order to be updated.
8100	There cannot be finalized postage for a container that is the subject of an update.
8101	Logical facility cannot be updated after payment on the container has been received.
8102	Total number of MailPieceBlocks associated to one CustomerBundleID must match TotalPieces.
8103	RangePieceCount associated to one ContainerID must match TotalPieces.
8104	The sum of the counts of TotalPieces associated to one ContainerID or CustomerContainerID must match TotalPieces in the associated ContainerDetailData block.
8105	The sum of the counts of TotalCopies associated to one ContainerID or CustomerContainerID must match TotalCopies in the associated ContainerDetailData block.
8106	At least one ContainerInfoData block must have ContainerType set to L when LogicalPhysicalContainerIndicator is L.
8107	CSADispatchNumber is required when USPSPickup is Y.
8108	ScheduledInductionDate and ScheduledInductionTime are required when ConsigneeContentID and ConsigneeApptID are populated.
8109	ScheduledInductionDate and ScheduledInductionTime are required when CSAID is populated and USPSPickup is N.
8110	ContainerShipDate is required when USPSPickup is Y.
8111	SiblingContainerID is required when ContainerType is M.
8112	TotalPieces must be 0 (zero) when SiblingContainerID is populated.
8113	TotalPieces must be 0 (zero) when ParentContainerID is populated.
8114	ContainerBarcode must contain a 21 character IMcb when ContainerType is B, U, P, H, A, G, D, R, or C.
8115	ContainerBarcode must contain a 24 character IMtb when ContainerType is S, 1, 2, 3, 4, 5, E, F, O, or T.
8116	UniqueContainerBarcode is required for each sibling container added if the original container is Full-Service or Mixed-Service and the NewSiblingContainer is not a Logical Tray or Logical Pallet.
8117	ContainerBarcode is required for a Full Service mailing.
8118	TotalWeightOfContainer is required for a Full-Service mailing.
8119	MailPieceBlock or MailXMLPieceRangeBlock is required when ServiceLevelIndicator is F.
8120	BarcodeID is required when ServiceLevelIndicator is F.
8121	ServiceTypeCode is required when ServiceLevelIndicator is F.
8122	MailerID6 is required for a Full Service mailing when MailerID9 is not populated.
8123	MailerID9 is required for a Full Service mailing when MailerID6 is not populated.
8124	SerialNumber9 is required for a Full Service mailing when MailerID6 is populated.
8125	SerialNumber6 is required for a Full Service mailing when MailerID9 is populated.
8126	DeliveryPointZIP is required for a Full Service mailing.
8127	One of CRID, MailerID6, or MailerID9 are required when MailXMLPieceRangeBlock is populated.
8128	One of CRID, MailerID6, and MailerID9 is required when MailXMLPieceRangeBlock is populated.

8129	One of CRID, MailerID6, or MailerID9 is required when MailXMLPieceRangeBlock is populated.
8130	The first MailerID9 in IMbarcodeUpperSerialization block and in IMbarcodeLowerSerialization blocks must match when MailerID9 is populated instead of MailerID6.
8131	The first MailerID6 in IMbarcodeUpperSerialization block and in IMbarcodeLowerSerialization blocks must match when MailerID6 is populated instead of MailerID9.
8132	ContainerType must be B, U, Z, P, H, A, G, D, R, or C for a Logical Handling Unit when LogicalPhysicalContainerIndicator is L.
8133	ContainerType must be S, 1, 2, 3, 4, 5, E, F, O, or T when the LogicalPhysicalContainerIndicator is P.
8134	One ContainerDetailData block must have ServiceLevelIdicator populated with F when FullServiceParticipationIndicator is F or M.
8135	FormType must be FC, SM, BP, or PE when FullServiceParticipationIndicator is F or M.
8136	ProcessingCategory must be LT, FL, or CD when FormType is FC.
8137	ProcessingCategory must be LT or FL when FormType is SM.
8138	ProcessingCategory must be LT or FL when FormType is PE.
8139	ProcessingCategory must be FL when FormType is BP.
8140	CSAID is required when USPSPickup message is Y.
8141	CSAID is required when EntryFacilityType is O or T.
8142	CSAID cannot be populated when EntryFacilityType is B, S, or D.
8143	MailPieceCreateRequest message must be accepted before PostageStatementCreateRequest message can be submitted for a Full Service mailing.
8144	PeriodicalStatementCreateRequest message must account for all mail pieces or piece ranges that have been submitted through MailPieceCreateRequest message.
8145	BarcodeID must be submitted before postage filing for Full Service and Basic mailings when MailPieceBlock is populated.
8146	ServiceTypeCode must be submitted before postage filing for Full Service and Basic mailings when MailPieceBlock is populated.
8147	MailerID6 (if populated) in MailPieceBlock (if populated) must be submitted before postage filing for Full Service and Basic mailings.
8148	MailerID9 (if populated) in MailPieceBlock (if populated) must be submitted before postage filing for Full Service and Basic mailings.
8149	SerialNumber6 (if populated) in MailPieceBlock (if populated) must be submitted before postage filing for Full Service and Basic mailings.
8150	SerialNumber9 (if populated) in MailPieceBlock (if populated) must be submitted before postage filing for Full Service and Basic mailings.
8151	DeliveryPointZIP in MailPieceBlock (if populated) must be submitted before postage filing for Full Service and Basic mailings.
8152	ServiceTypeCode must be submitted before postage filing for a Full Service mailing.
8153	PostageStatementCreateRequest message must account for all mail pieces or piece ranges that have been submitted through MailPieceCreateRequest message.
8154	ContainerBundleReportCreateRequest message must be accepted before PeriodicalStatementCreateRequest message is submitted.
8155	MailPieceCreateRequest message must be accepted for any mail pieces wasted or spoiled before PeriodicalStatementCreateRequest message is submitted.

8156	TotalPieces in PostageStatementCreateRequest message must match TotalPieces in QualificationReportCreateRequest message.
8157	ServiceLevelIndicator must be F when the associated CustomerBundleID has ServiceLevelIndicator set as F.
8158	ServiceLevelIndicator must be F when the associated ContainerID has ServiceLevelIndicator set to F.
8159	ServiceLevelIndicator must be F when the associated ContainerID or CustomerContainerID has ServiceLevelIndicator set to F.
8160	SiblingToDelete cannot be the only ContainerType of L or M in the mailing.
8161	MailPieceCancelRequest message must be submitted before an associated BundleDetailCancelRequest message.
8162	PeriodicalStatementCreateRequest message must be submitted after all mail pieces or piece ranges are submitted for a mailing group.
8163	MailPieceBlock or MailXMLPieceRangeBlock is required when FullServiceParticipationIndicator is M.
8164	ServiceLevelIndicator must be F, B, P, or O when FullServiceParticipationIndicator is M.
8165	At least one ServiceLevelIndicator must be F when FullServiceParticipationIndicator message is M.
8166	At least one PieceRangeBlock must have ServiceLevelIndicator set to F when FullServiceParticipationIndicator is M.
8167	At least one ContainerType must be E, F, L, O, M, P, T, H, A, G, D, R, or C.
8168	CustomerQualificationReportID is required when MailXMLPresentationCategory is M.
8169	ContainerBarcode cannot be L or M.
8170	MLOCR mailings must have at least one ContainerDetailData block and one BundleDetail block for each ContainerInfoData block when ContainerType is L.
8171	MLOCR mailing must be a OnePass submission when MLOCROnePassIndicator is Yes.
8172	OnePass MLOCR mailing must be the first submission when OnePassPlannedOrActualFlag is P.
8173	OnePass MLOCR mailing must be the second submission when OnePassPlannedOrActualFlag is A.
8174	OnePass MLOCR mailing cannot have more than two QualificationReportCreateRequest messages.
8175	MLOCR mailing must be a TwoPass submission when MLOCROnePassIndicator is No.
8176	FormType in the QualificationReportCreateRequest message must be FC for First-Class or SM for Standard Mail.
8177	FormType the QualificationReportCreateRequest message must match FormType the PostageStatementCreateRequest message.
8178	At least one LineItemSummaryData block must not have RateCategory set to S.
8179	PostageAdjustmentCreateRequest messages cannot be submitted in association with an MLOCR mailing.
8180	First-Class mail for MLOCR mailings can only be cards, letters, or flats.
8181	Maximum weight for First-Class flats is 13 ounces.

8182	PostagePaymentMethod must be P or M when the mailpiece is a First-Class flat.
8183	Maximum of 13 weight ranges allowed when PostagePaymentMethod is P.
8184	First-Class letters and cards must be less than or equal to 1 ounce when PostagePaymentMethod is S.
8185	First-Class letters and cards must be less than or equal to 3.5 ounces when PostagePaymentMethod is P or M and preparation (rate category) is automated.
8186	Processing Category must be LT for Standard Mail.
8187	Standard Mail letters must be less than or equal to 3.3 ounces.
8188	ProcessingCategory must be FL, NP, MP, or IR when FormType is BP.
8189	Zone must be N, 1, 3, 4, 5, 6, 7, or 8 when FormType is BP and ProcessingCategory is FL, MP, or IR.
8190	RateType must be B when FormType is BP.
8191	SackingBasis must be 0, 1, 2, 3, 4, or Blank when FormType is BP.
8192	SinglePieceWeight must be less than or equal to 15 lbs when FormType is BP.
8193	TotalPieces and TotalCopies must match when FormType is BP.
8194	EntryDiscount must be N, B, S, or D when FormType is BP.
8195	RateCategory must be D, N, or S when FormType is BP.
8196	SurchargeType must be N when FormType is BP.
8197	WeightBreakType must be N when FormType is BP.
8198	BarcodeRate must be Y or N when FormType is BP.
8199	EntryFacilityType must be O, B, S, or D when FormType is BP.
8200	PackagingMethod must be 0, 1, 2, or Blank when FormType is BP.
8201	PostagePaymentMethod must be S, M, or P when FormType is BP.
8202	ProcessingCategory must be LT, FL, CD, or PF when FormType is FC.
8203	Zone must be N when FormType is FC and ProcessingCategory is LT, FL, CD, or PF.
8204	RateType must be R, T, E, G, J, or K when FormType is FC.
8205	MoveUpdateMethod must be ASE, ACS, ALT, FAST, MULT, or NCOA when FormType is FC.
8206	EnclosedBy must be SM, BP, PE, PP, or ML when FormType is FC.
8207	EntryDiscount must be N when FormType is FC.
8208	RateCategory must be E, H, L1, L2, L3, L4, N, or S when FormType is FC.
8209	SurchargeType must be A, E, N, or R when FormType is FC.
8210	WeightBreakType must be A, B, or N when FormType is FC.
8211	BarcodeRate must be N or O when FormType is FC.
8212	EntryFacilityType must be O, B, S, or D when FormType is FC.
8213	PackagingMethod must be 0, 1, or Blank when FormType is FC.
8214	PostagePaymentMethod must be S, M, or P when FormType is FC.
8215	ProcessingCategory must be FL, NP, MP, or IR when FormType is ML.
8216	Zone must be N when FormType is ML and ProcessingCategory is MP or IR.
8217	RateType must be L or F when FormType is ML.
8218	SackingBasis must be 0 or 1 when FormType is ML.
8219	SinglePieceWeight must be less than 35 lbs when FormType is ML and BarcodeRate is Yes.

8220	SinglePieceWeight must be less than 35 lbs when FormType is ML and BarcodeRate is No.
8221	TotalPieces and TotalCopies must match when FormType is ML.
8222	EntryDiscount must be N when FormType is ML.
8223	RateCategory must be G, N, or S when FormType is ML.
8224	SurchargeType must be N when FormType is ML.
8225	WeightBreakType must be N when FormType is ML.
8226	BarcodeRate must be Y or N when FormType is ML.
8227	EntryFacilityType must be O, B, S, or D when FormType is ML.
8228	PackagingMethod must be 0, 1, 2, or Blank when FormType is ML.
8229	PostagePaymentMethod must be M or P when FormType is ML.
8230	ProcessingCategory must be LT, FL, MP, IR, or NP when FormType is PE.
8231	Zone must be N, LC, 1, 3, 4, 5, 6, 7, 8, D, S, or V when FormType is PE and ProcessingCategory is LT, FL, or IR.
8232	OutsideCountyBundleIndicator must be I or N when FormType is PE.
8233	EntryFacilityType must be values A, B, S, R, O, N, C, E, J, K, L, Q, or I when the mailing is Periodical or Pending Periodicals.
8234	PeriodicalLineItemData is required for PeriodicalStatementCreateRequest message to determine bundle charges.
8235	PeriodicalLineItemData block is required for PeriodicalStatementCreateRequest message to produce the Qualification and Bundle reports.
8236	RateCategory must be A, B, D, E, G, H, K, L, L3, L4, L2, L5, L6, FB, N, O, L1, AF, BF, KF, GF, DF, NF, L7, or L8 when the mailing is Periodicals.
8237	EntryDiscount must be A, B, or D when FormType is PE.
8238	RateCategory must be A, B, D, E, G, H, K, L, L3, L2, L5, L6, or FB when FormType is PE.
8239	EntryFacilityType for consolidated statements must be O, B, or D when FormType is PE.
8240	PostagePaymentMethod must be P when FormType is PE.
8241	RateType must be R, C, S, N, W, or Y when FormType is PE.
8242	ContainerChargeContainerLevel must be Blank, 3, 5, A, or M.
8243	InOutCountyIndicator must be N or I.
8244	AdPercent is required.
8245	ProcessingCategory must be LT, FL, or PF when FormType is PM.
8246	Zone must be N, 1, 2, 3, 4, 5, 6, 7, or 8 when FormType is PM and ProcessingCategory is LT, FL, or PF.
8247	RateType must be R, T, E, G, J, or K when FormType is PM.
8248	PriceType must be C or CP when FormType is PM.
8249	MoveUpdateMethod must be ASE, ACS, ALT, FAST, MULT, or NCOA when FormType is PM.
8250	EntryDiscount must be N when FormType is PM.
8251	RateCategory must be S when FormType is PM.
8252	SurchargeType must be D, E, N, or P when FormType is PM.
8253	WeightBreakType must be N when FormType is PM.
8254	FlatRateIndicator must be B, E, L, or M when FormType is PM.

8255	BarcodeRate must be N or O when FormType is PM.
8256	EntryFacilityType must be O, B, S, or D when FormType is PM.
8257	PostagePaymentMethod must be P when FormType is PM.
8258	ProcessingCategory must be MP, IR, or NP when FormType is PP.
8259	Zone must be N, 1, 2, 3, 4, 5, 6, 7, or 8 when FormType is PP and ProcessingCategory is MP or IR.
8260	SinglePieceWeight must be less than or equal to 35 lbs when FormType is PP, RateType is D, SurchargeType is N, and MachineableFlag field is Yes.
8261	SinglePieceWeight must be less than or equal to 70 lbs when FormType is PP, RateType is D, SurchargeType is N, and MachineableFlag is No.
8262	SinglePieceWeight must be less than or equal to 20 lbs when FormType is PP, RateType is D, and SurchargeType is P.
8263	SinglePieceWeight must be less than or equal to 70 lbs when FormType is PP, RateType is D, and SurchargeType is 2.
8264	SinglePieceWeight must be less than or equal to 35 lbs when FormType is PP, RateType is P, RateCategory is S, SurchargeType is N, and BarcodeRate is Yes.
8265	SinglePieceWeight must be less than or equal to 70 lbs when FormType is PP, RateType is P, RateCategory is S, and SurchargeType is N.
8266	SinglePieceWeight must be less than or equal to 20 lbs when FormType is PP, RateType is P, Rate Category is S, and SurchargeType is P.
8267	SinglePieceWeight must be less than or equal to 70 lbs when FormType is PP, RateType is P, Rate Category is S, and SurchargeType is 2.
8268	SinglePieceWeight must be less than or equal to 70 lbs when FormType is PP, RateType is P, RateCategory is Z1 or Z2 , and SurchargeType is N.
8269	SinglePieceWeight must be less than or equal to 20 lbs when FormType is PP, RateType is P, RateCategory is Z1 or Z2, and SurchargeType is P.
8270	EntryDiscount must be B, S, D, P, Q, or A when FormType is PP.
8271	TotalPieces and TotalCopies must match when FormType is PP.
8272	RateCategory must be G, K, S, Z1, or Z2 when FormType is PP.
8273	SurchargeType must be 2 or N when FormType is PP.
8274	WeightBreakType must be N when FormType is PP.
8275	BarcodeRate must beY or N when FormType is PP.
8276	EntryFacilityType must be O, B, S, or D when FormType is PP.
8277	PostagePaymentMethod must be S, M, or P when FormType is PP.
8278	RateType must be P when FormType field is PP.
8279	ProcessingCategory must be LT, FL, MP, IR, NP, CM, or NA/NB when FormType is SM.
8280	Zone must be N when FormType is SM and ProcessingCategory is LT, FL, MP, IR, or CM.
8281	RateType must be R or N when FormType is SM.
8282	SackingBasis must be 0, 1, 2, 3, 4, or Blank when FormType is SM.
8283	EnclosedBy must be SM, BP, PE, PP, or ML when FormType is SM.
8284	EntryDiscount must be N, B, S, or D when FormType is SM.
8285	RateCategory must be A, B, E, H, N, AF, BF, DF, L1, L2, L5, L6, L7, L8, NG, NK, N5, N6, PI, PM, P7, P8, PE, PQ, PR, PG, PK, P5, or P6 when FormType is SM.
8286	SurchargeType must be L or N when FormType is SM.

8287	WeightBreakType must be A, B, or H when FormType is SM.
8288	BarcodeRate must be Y, N, or O when FormType is SM.
8289	EntryFacilityType must be O, B, S, or D when FormType is SM.
8290	PackagingMethod must be 0, 1, 2, or Blank when FormType is SM.
8291	PostagePaymentMethod must be S, M, or P when FormType is SM.
8292	PostageAffixedAmount must be 0 (zero) when PostagePaymentMethod is P or G.
8293	PostageAffixedAmount must be greater than 0 (zero) if PostagePaymentMethod is S, L, C, or M.
8294	CombinedMailingID is required when PostagePaymentMethod is S or M.
8295	MeteredAffixedMethod is required when PostagePaymentMethod is M.
8296	PermitHolderforAPData block is required when PostagePaymentMethod is M or S.
8297	PostageStatementStatus cannot be CAN, DEL, or FIN.
8298	AdjustmentAmount must be less than the TotalPostage identified on the Postage Statement.
8299	TotalPiecesAffected must be less than the TotalPieces identified on the Postage Statement.
8300	PostageAdjustmentCreateRequest cannot reference finalized Postage Statement.
8301	PostageAdjustmentCreateRequest must reference latest mailing date that covers the adjustment in full.
8302	PostageAdjustmentCreateRequest must reference existing Postage Statement.
8303	PostageAdjustmentCreateRequest must reference Postage Statement with sufficient pieces to cover the adjustment in full.
8304	PostageAdjustmentCreateRequest must reference Postage Statement wit sufficient postage to cover the adjustment in full.
8305	PostageAdjustmentCreateRequest cannot reference Postage Statement that has already been adjusted.
8306	MailEndSeqNo is required when BatchManifestIndicator is True.
8307	Postage must be 0 (zero) when RegisterOfMailing is False.
8308	MailStartSeqNo is required when BatchManifestIndicator is True.
8309	CumulativePostage is required when BatchManifestIndicator is True.
8310	Postage is required when BatchManifestIndicator is True.
8311	CumulativePostage, Postage, MailStartSeqNo, and MailEndSeqNo are required when BatchManifestIndicator is True.
8312	Container detail items must be in ascending order of cumulative postage (from the least cumulative postage to the highest).
8313	MailStartSeqNo must be NULL when RegisterOfMailing is False.
8314	MailEndSeqNo must be NULL when RegisterOfMailing is False.
8315	CumulativePostage must be 0 (zero) when RegisterOfMailing is False.
8316	OnePassIndicator must be populated if the MailXMLPresentationCategory in the MailingGroupData block is M
8317	Invalid OnePassIndicator value in the MailingGroupData block
8318	Invalid LogicalPhysicalContainerIndicator in the MailingGroupData block
8319	The PermitNumber, PermitType, and PermitZIP4 or the PublicationNumber must be populated in the PermitPublicationData block

8320	The PermitNumber must be populated when the PermitType and PermitZIP4 of the PermitPublicationData block are populated
8321	The PermitNumber cannot be populated when the PublicationNumber of the PermitPublicationData block is populated
8322	PermitNumber from the PermitPublicationData block must be associated to the SubmitterCRID within the MailingGroupData block
8323	Invalid PermitNumber in the PermitPublicationData block
8324	Invalid PermitType in PermitPublicationData Block
8325	The PermitType cannot be populated when the PublicationNumber of the PermitPublicationData block is populated
8326	PermitZIP4 must be 9 characters PermitZIP4 must be populated when the PermitNumber and PermitType in the PermitPublicationData block are populated
8327	The PermitZIP4 cannot be populated when the PublicationNumber of the PermitPublicationData block is populated
8328	The first 5 characters of the PermitZIP4 in the PermitPublicationData block must be the same as the PostOfficeOfMailingZIP field within the MailingGroupData block
8329	The PublicationNumber cannot be populated with the PermitNumber, PermitType, and PermitZIP4 of the PermitPublicationData block are populated
8330	PostOfficeOfMailingZIP in the MailingGroupData block must be 5 characters
8331	The MailingFacility field in the MailingGroupData block should be associated to the CRID in the SubmittingParty block
8332	Invalid MailXMLPresentationCategory in the MailingGroupData block
8333	Invalid FullServiceParticipationIndicator in the MailingGroupData block
8334	Invalid MailAgreementType in the MailingGroupData block
8335	Invalid MailingGroupID
8336	Mailing Group is closed
8337	Invalid CustomerGroupID in the MailXMLMailGroupRequestHeaderInfo block
8338	Invalid MailingGroupID in the MailXMLMailGroupRequestHeaderInfo block
8339	CustomerGroupID and MailingGroupID combination not found
8340	Cannot close Mailing Group prior to postage statement finalization
8341	Cannot close Mailing Group prior to mail induction
8342	Invalid OnePassPlannedOrActualFlag in the QualificationReportCreateRequest message
8343	PermitNumber is required when the PermitType and PermitZIP4 in the Preparer block are populated
8344	Invalid PermitType in the Preparer block
8345	PermitZIP4 in the Preparer block must be 9 characters
8346	PublicationNumber in the Preparer block must be 9 characters
8347	The DocumentVersionData block is required when the ContainerDetail block is sent
8348	AdPercent in the DocumentVersionData block cannot exceed 100.00
8349	RateAffixxed in the DocumentVersionData block is required when PermitType is M, PC, or OM
8350	PermitNumber, PermitType, and PermitZIP4 or the PublicationNumber in the PermitPublicationData block must be populated

8351	PermitNumber is required when the PermitType and PermitZIP4 in the PermitPublicationData block are populated
8352	Invalid PermitType in the PermitPublicationData block
8353	PermitZIP4 in the PermitPublicationData block must be 9 characters
8354	PublicationNumber is required for periodical mailings
8355	Invalid BatchManifestIndicator in the QualificationReport block
8356	CustomerQualificationReportID must be unique within a Mailing Group
8357	Invalid FormType in the QualificationReport block
8358	Invalid ContainerType in the ContainerInfoData block
8359	CustomerContainerID must be unique for each QualificationReportCreateRequest message within the mailing group
8360	ParentContainerID in the ContainerInfoData block cannot be populated if the SiblingContainerID is populated
8361	SiblingContainerId in the ContainerInfoData block cannot be populated if the ParentContainerID is populated
8362	DestinationZIP in the ContainerInfoData block must be 3 or 5 characters
8363	Invalid EntryPointFacilityType in the ContainerInfoData block
8364	EntryPointZIP in the ContainerInfoData block must be 3 or 5 characters
8365	EntryLocaleKey in the ContainerInfoData block must be 5 characters for drop shipped mail
8366	Invalid ProcessingCategory in ContainerInfoData block
8367	Invalid SortationLevel in the ContainerInfoData block
8368	OverflowIndicator in the ContainerInfoData block is required for Trays Invalid OverflowIndicator in the ContainerInfoData block
8369	CarrierRouteNumber in the Container
8370	Invalid Zone in the ContainerDetailData block
8371	ZIPThreeFive in the ContainerDetailData block must be 3 or 5 characters
8372	Invalid InOutCountyIndicator in the ContainerDetailData block InOutCountyIndicator in the ContainerDetailData block is required when the FormType is PE for Periodicals
8373	Invalid RateLevelIndicator in the ContainerDetailData block
8374	Invalid IncludedInOtherDoc in the ContainerInfoData block
8375	Invalid ContainerChargeContainerLevel in the ContainerDetailData block
8376	Invalid ServiceLevelIndicator in the ContainerDetailData block
8377	PermitNumber is required when the PermitType and PermitZIP4 in the MailOwner block are populated
8378	Invalid PermitType in MailOwner block
8379	PermitZIP4 in the MailOwner block must be 9 characters
8380	PublicationNumber in the MailOwner block must be 9 characters
8381	Invalid EntryDiscountType in the ContainerDetailData block
8382	Invalid RateLevel in the block
8383	Mailing Group does not exist
8384	Cannot update QualificationReportCreateRequest

8385	DestinationZIP in the BundleDetail block must be 3 or 5 characters
8386	Invalid OutsideCountyBundleIndicator in the BundleDetail block
8387	Invalid SortationLevel in the BundleDetail block
8388	Invalid BundleLevel in the BundleDetail block
8389	BundleZIP in the BundleDetail block must be 3 or 5 characters
8390	Invalid BundleCarrierRoute in the BundleDetail block
8391	Invalid DestinationEntry in the BundleDetail block
8392	Invalid Zone in the BundleDetail block
8393	Invalid MailingGroupID and CustomerGroupID combination
8394	Invalid CustomerContainerID value
8395	OutsideCountyBundleIndicator in the BundleDetail block is required when the FormType is PE
8396	Invalid CustomerGroupID and MailingGroupID combination
8397	CRID in the SubmittingParty block must match the CRID of the mailer that created the Mail.dat file set
8398	UserLicenseCode in the OriginalContainer block must match the User License Code field in the .hdr file
8399	MaildatJobID in the OriginalContainer block must match the Job ID in the .csm file of the existing container
8400	ContainerID in the OriginalContainer block must match the Container ID in the .csm file of the existing container
8401	UniqueContainerBarcode in the OriginalContainer block must match the Label: IM Container or IM Tray Barcode field in the .csm file of the existing container
8402	UserLicenseCode in the NewSiblingContainer block must match the UserLicenseCode in the OriginalContainer block
8403	MaildatJobID in the NewSiblingContainer block must match the MaildatJobID in the OriginalContainer block
8404	OriginalContainer block cannot be tied to an existing container in PostalOne!
8405	UserLicenseCode in the SiblingToDelete block must be populated with the same value as the UserLicenseCode from the NewSiblingContainer block
8406	MaildatJobID in the SiblingToDelete block must be populated with the same value as the MaildatJobID from the NewSiblingContainer block
8407	ContainerID in the SiblingToDelete block must be populated with the same value as the ContainerID from the NewSiblingContainer block
8408	UniqueContainerBarcode in the SiblingToDelete block must be populated with the same value as the UniqueContainerBarcode from the NewSiblingContainer block
8409	UserLicenseCode in the OriginalContainer block of the SiblingContainerCancelRequest must be populated with the same value as the UserLicenseCode from the OriginalContainer block of the SiblingContainerCreateRequest
8410	MaildatJobID in the OriginalContainer block of the SiblingContainerCancelRequest must be populated with the same value as the MaildatJobID from the OriginalContainer block of the SiblingContainerCreateRequest
8411	ContainerID in the OriginalContainer block of the SiblingContainerCancelRequest must be populated with the same value as the ContainerID from the OriginalContainer block of the SiblingContainerCreateRequest

8412	UniqueContainerBarcode in the OriginalContainer block of the SiblingContainerCancelRequest must be populated with the same value as the UniqueContainerBarcode from the OriginalContainer block of the SiblingContainerCreateRequest
8413	Cannot reuse deleted Container ID
8414	AgencyCostCode in the CreatePostageStatement block is required when the PermitType is OI or OM
8415	LineItemSummaryData Not Found in CreatePostageStatementBlock
8416	WeightBreakType Not Found in LineItemSummaryData Block
8417	Invalid Zone in the LineItemSummaryData block
8418	Invalid FlatRateIndicator in the LineItemSummaryData block
8419	Invalid ProcessingCategory in LineItemSummaryData Block
8420	PostageStatementLineItemData Block Not Found
8421	Invalid BarcodeRate in the PostageStatementLineItemData block
8422	Invalid PreparedAsSM Value in PostageStatementLineItemData Block
8423	ContainerDisplayName Not Found in PostageStatementLineItemData Block
8424	ContainerType Not Found in CreatePostageStatement Block
8425	Invalid SinglePieceDimensionalWeight Value in PostageStatementLineItemData Block
8426	CustomerContainerID Not Found in PostageStatementLineItemData Block
8427	EntryFacilityType Not Found in PostageStatementLineItemData Block
8428	EntryZIP Not Found in PostageStatementLineItemData Block
8429	HeavyLetter Not Found in PostageStatementLineItemData Block
8430	Invalid PostOfficeOfMailingZip Value in CreatePostageStatement Block
8431	PostageAffixedAmount Not Found in CreatePostageStatement Block
8432	SinglePieceWeight Value Not Found in CreatePostageStatement Block
8433	StatementSequenceNumber Not Found in CreatePostageStatement Block
8434	Invalid VersionID Value
8435	RateAffixed Not Found in DocumentVersionData Block
8436	EnclosingVolumeNo Not Found in CreatePostageStatement Block
8437	EnclosingIssueNo Not Found in CreatePostageStatement Block
8438	EnclosingIssueDate Not Found in CreatePostageStatement Block
8439	PermitNumber Not Found in PermitPublicationData Block
8440	PermitType Not Found in PermitPublicationData Block
8441	PublicationNumber Not Found in PermitPublicationData Block
8442	PermitZIP4 Not Found in PermitPublicationData Block
8443	PermitHolderForAPData Not Found in CreatePostageStatement Block
8444	CarrierRouteAddressMatchDate in CreatePostageStatement Block Not Found
8445	CarrierRouteSequencingData Not Found
8446	MailingGroupID Not Found CustomerGroupID Not Found
8447	PostageAdjustmentCreateRequest Message Not Sent

8448	MailingGroupID Not Found CustomerGroupID Not Found StatementID Not Found
8449	MailFacilityID Not Found
8450	Statement Previously Canceled.
8451	Invalid CustomerGroupID Value Invalid MailingGroupID Value
8452	PostageStatementCreateRequest Not Received Yet
8453	Postage Statement Has Been Finalized Already
8454	Invalid StatementID Value
8455	OpenMailingGroupRequest Message Not Received Yet
8456	SubmittingParty Block Not Found
8457	SubmittingSoftware Block Not Found
8458	Invalid MailingGroupID Value Invalid CustomerGroupID Value Invalid CombinedMailingID Value
8459	CreatePeriodicalStatementData Block Not Found
8460	AutomationAddressMatchDate Not Found in CreatePeriodicalStatementData Block
8461	Pieces Not Found in PeriodicalLineItemData Block
8462	SubreqCopies Not Found in PeriodicalLineItemData Block
8463	ChargeableContainerType Not Found in PeriodicalLineItemData Block
8464	ChargeableContainerLevel Not Found in PeriodicalLineItemData Block
8465	Bundles Not Found in PeriodicalLineItemData Block
8466	ChargeableEntryLevel Not Found in PeriodicalLineItemData Block
8467	MachinableFlag Not Found in PeriodicalLineItemData Block
8468	NonCopies Not Found in PeriodicalLineItemData Block
8469	Invalid AdPercent Value in DocumentVersionData Block
8470	Invalid RateAffixed Value in DocumentVersionData Block
8471	PermitPublicationData Block Not Found in MailingAgentData Block
8472	PermitPublicationData Block Not Found in PublisherData Block
8473	CarrierRouteAddressMatchingDate Not Found in CreatePeriodicalStatementData Block
8474	CarrierRouteSequencingDate Not Found in CreatePeriodicalStatementData Block
8475	CertificationBlock Not Found
8476	Missing Field in ContainerCount Block
8477	Invalid MailingGroupID Value Invalid CustomerGroupID Value
8478	Customer Group Id / Mailing Group Id combination does not exist.
8479	Statement Id does not exist for this Customer Group Id / Mailing Group Id combination
8480	Invalid Advertising Percentage Value
8481	Invalid Form Type.
8482	Automation Address Match Date is required for this Rate Category.
8483	Invalid Rate Category.
8484	Invalid Zone.

8485	Invalid Container Level.
8486	Invalid Bundle Level.
8487	Invalid Entry Level.
8488	Invalid In Out County Indicator.
8489	Invalid Postage Payment Method.
8490	Invalid Processing Category.
8491	Invalid Rate Type.
8492	Invalid Entry Facility Type.
8493	Invalid Move Update Method.
8494	Carrier Route Address Match Date is required for this Rate Category.
8495	Carrier Route Sequencing Date is required for this Rate Category.
8496	No Container Count fields populated.
8497	Invalid Container Type.
8498	Periodical Statement incorrectly consolidated.
8499	Incorrect consolidated postage amount.
8500	Neither the Container Bundle Version nor the Container Bundle Summary provided.
8501	Sack Tray Container Version record is required when the Pallet Container Version record and Bundle Version records are not populated.
8502	Version Id is a required field when the Mpu Id is not populated.
8503	Version Name is a required field when Version Id is populated.
8504	Invalid Postage Statement Line Number.
8505	The Pallet Container Version record is required when no Sack Tray Container Version or Bundle Version records are provided.
8506	The Version Id is required when the Mpu Id is not provided.
8507	The Version Name is required when the Version Id is provided.
8508	The Bundle Version record is required when no Sack Tray Container Version or Pallet Container Version records are provided.
8509	Either Container Bundle Summary or Container Bundle Version records must be provided.
8510	Sack Tray Container record is required when the Pallet Container and Bundle records are not populated.
8511	The Pallet Container record is required when no Sack Tray Container or Bundle records are provided.
8512	The Bundle record is required when no Sack Tray Container or Pallet Container records are provided.
8513	Invalid Form Type for a Container Bundle Report Create Request.
8514	A Container Bundle Report Create Request is required prior to a Container Bundle Report Query Request.
8515	A Container Bundle Report Create Request is required prior to a Container Bundle Report Cancel Request.
8516	AdjustmentAmount larger than original PostageAmount.
8517	BeginCombinedMailingRequest must precede PostageStatementCreateRequest with PostageAffixedAmount populated.
8518	BundleDetailCancelRequest cannot be submitted prior to the BundleDeatilCreateRequest message being accepted

8519	CustomerBundleID in the BundleDetail block must be unique within each container
8520	For MLOCR mailings, only logical containers can have siblings
8521	Invalid AdPercent Value
8522	Invalid CombinedMailingID in BeginCombinedMailingResponse Message
8523	Invalid ContainerType in the NewSiblingContainer block
8524	Invalid MailingDate Value in CreatePostageStatement Block
8525	Invalid PublicationNumber in the PermitPublicationData block
8526	MailPieceCancelRequest cannot be submitted prior to the BundleDeatilCreateRequest message being accepted
8527	PermitNumber cannot be populated when the PublicationNumber in the PermitPublicationData block is populated
8528	PermitType cannot be populated when the PublicationNumber in the PermitPublicationData block is populated
8529	PermitZIP4 cannot be populated when the PublicationNumber in the PermitPublicationData block is populated
8530	PostageStatementCreateRequest cannot be associated with QualificationReportCreateRequest with OnePassPlannedOrActualFlag of P.
8531	PublicationNumber cannot be populated when the PermitNumber, PermitType, and PermitZIP4 in the PermitPublicationData block are populated
8532	RateCategory must be A or AF when RateLevel is WS.
8533	RateCategory must be B or BF when RateLevel is HD.
8534	RateCategory must be D or DF when RateLevel is CR.
8535	RateCategory must be E when RateLevel is 5B.
8536	RateCategory must be G, GF, NG, PE, PG, or PI when RateLevel is 5D.
8537	RateCategory must be H when RateLevel is 3B.
8538	RateCategory must be K, KF, NK, PK, or PM when RateLevel is 3D.
8539	RateCategory must be L1, L3, or L7 when RateLevel is AB.
8540	RateCategory must be L2, L4, or L8 when RateLevel is MB.
8541	RateCategory must be L5, L7, N5, P5, or P7 when RateLevel is AD.
8542	RateCategory must be L6, L8, N6, P6, or P8 when RateLevel is MD.
8543	RateCategory must be N or NF when RateLevel is PSRT.
8544	RateCategory must be N5 or PQ when RateLevel is BP.
8545	RateCategory must be N6 or PR when RateLevel is MP.
8546	RateCategory must be S when RateLevel is SP.
8547	RateCategory must be Z1 when RateLevel is BMC.
8548	RateCategory must be Z2 when RateLevel is OBMC.
8549	RateType must be R when LimitedCirculationDiscountClaimed Yes.
8550	SiblingContainerCreateRequest message must be sent before the original container has a Ready to Pay status
8551	The IMB block and Delivery Point Zip cannot both be provided.
8552	The LOT Sequence Direction Code and the Walk Sequence Number cannot both be provided.
8553	The Mail Class and Service Type Code cannot both be provided.
8554	TotalPiecesAffected is larger than original TotalPieces.

3.7 Additional Constraints

TBD

3.8 WSDL Information

The WSDLs for Release 1 are available as an appendix to this document and will be available on RIBBS.

Mailers can access and download the currently supported version of the *PostalOne!* WSDL from the following location:

http://www.usps.com/postalone/autodropshipschedule.htm

The customer must use the following URL to access the WSDL Web Service in the CAT environment:

http://cat3.uspspostalone.com/MLXMLServicesWeb/services/POAppointmentServices/wsdl/POAppointmentServices-MailXML60.wsdl

The customer must use the following URL to access the WSDL Web Service in the TEMS environment:

https://mailxmltem.uspspostalone.com/MLXMLServicesWeb/services/POAppointmentServices/wsdl/POAppointmentServices-MailXML60.wsdl

The customer must use the following URL to access the WSDL Web Service in the production environment:

https://fast.uspspostalone.com/MLXMLServicesWeb/services/POAppointmentServices/wsdl/POAppointmentServices-MailXML60.wsdl

4.0 Full-Service Data Distribution – Release 2

4.1 Purpose

This section describes the technical implementation and ways in which customers will be able to receive the full-service data feedback as part of the USPS Full-Service implementation.

The Full-Service program, through the *PostalOne!* system, will provide Start-the-Clock, Container Visibility, Confirm (Full-Service only), Address Correction Data, Nixie Detail data, and Full Service eDoc Data Quality reports to the customers identified as recipients of the full-service feedback.

4.2 Which methods does the *PostalOne!* system support for full-service data feedback?

The USPS will provide multiple options to receive the full-service data, which are as follows:

Options for Data Exchange					
No	**Data/ Service**	**Browser-based HTTPS Download (Compressed Files)**	**Browser-based Report (over HTTPS)**	**Mail.XML Pull (Customer Invokes USPS Web Service)**	**Mail.XML Push (USPS Invokes Customer Web Service)**
1	Start-the-Clock	No	Yes	Yes	Yes
2	Container Visibility/Scan	No	Yes	Yes	Yes
3	ACS COA	Yes	No	Yes	Yes
4	ACS Nixie Detail	Yes	No	Yes	Yes
5	Full Service eDoc Data Quality Verification	No	Yes	Yes	Yes

FTP – File Transfer Protocol method. FTP support is phasing out to meet USPS Security standards for secured, guaranteed solutions. Any USPS services that currently provide data through the FTP protocol to its customers will provide ample time and communication to the USPS customers and collaborate with the customers to help with transition before transitioning to the non-FTP protocol data communication methods.

Browser-based HTTPS (Hyper Text Transport Protocol - Secure) Download (Compressed Files) – Online web page allowing customers to download ‘compressed data’ over HTTPS protocol.

Browser-based HTTPS Reports – Online web page allowing customers to view ‘reports’ over HTTPS.

Mail.XML Pull (Customer Invokes USPS Web Service) – Web Services Pull model where a customer sends a Web Services-based Mail.XML Request message invoking USPS Web Services to pull data in XML format through a Mail.XML Web Service method.

Mail.XML Push (USPS Invokes Customer Web Service) - Web Services Mail.XML Push model where the USPS invokes a customer’s Web Service method/URL and pushes XML data to the customer Web Service when the data is available or a notification is sent to the customer by the USPS that customer’s data is available for download.

NOTE ON ERRATAS: Please review Errata items 73 through 88 in Appendix D for changes to almost all Data Distribution messages.

4.3 What do you need to receive your data through the data exchange methods identified?

Step 1

The customers must be registered *PostalOne!* users and must have signed data exchange agreements in order to send or receive electronic data from the *PostalOne!* system.

It is as easy as visiting the *PostalOne!* home page at www.usps.com/postalone and clicking the **Learn More** button on the right under New Customers. There, you will find additional information about the program and application process. If you have questions, call the *PostalOne!* Customer Care Center at (800) 522-9085.

Once you are a registered user and have the ability to access the *PostalOne!* system you will have access to the browser-based HTTPS reports and data download options as well, you will have the ability to perform electronic data exchange with the *PostalOne!* system through approved methods.

Step 2

The customers interested in automated electronic data exchange currently have four options available to them for receiving electronic data from the USPS for full-service mailings.

- Browser-based HTTPS Download (Compressed Files) - The first available data exchange option is secure browser-based **compressed file download**. No other information for full-service will be available through browser-based download method, other than Address Correction and Nixie Detail data.
- Browser-based HTTPS Reports - The second option available to customers is viewable browser-based reports. The only data available through browser-based reports is Start-The-Clock and Container Visibility data.
- Mail.XML Pull (Customer Invokes USPS Web Services) – The Mail.XML is an IDEAlliance specification and does not require any IDEAlliance fee to use/implement the specification. The latest version of Mail.XML is version 6.0-B available at the http://www.mailxml.org site. Customers can pull their information whenever they desire, using Request and Response methods for StartTheClock, Container Scans, ACS, and Nixie data.
- Mail.XML Push (USPS Invokes the Customer's Web Services) – USPS will publish and provide Web Services Methods so that the customer can register with the *PostalOne!* system as a subscriber of detail data (Delivery messages) or as a subscriber of notifications (Notification messages) that tell the customer, when data is ready to be pulled. The customer can register to automatically receive either the detail data or the notifications as they pertain to StartTheClock, Container Scans, Full Service ACS COA, Full Service ACS Nixie, and Data Quality reports data.

The Mail.XML specification is a USPS/industry agreed to strategic and future communication method for data exchange. It is bi-directional, near real time and can convert large data transactions into smaller transactions while providing guaranteed delivery, verification and near real time conflict resolution capabilities. The sender and receiver can validate the data, verify guaranteed delivery and actually converse intelligently both ways to report any issues with data transfer or with business issues found within the data.

4.4 How do you implement/use the Mail.XML available for full-service data distribution?

Available at http://www.mailxml.org.

Why Mail.XML-based Data Distribution?

Mail.XML version 6.0-D was created to enhance efficiency and ease of transmission for the small and large data volume communications. The message sets were designed with an attribute that allows all large data volume messages to be broken up in as many unique child transactions as the USPS and the industry feel will be easily and efficiently supported by the existing network infrastructure. In other words, a 10 MB file can be broken up in ten 1MB transactions or twenty 500KB in size transactions. The Mail.XML allows for verification and thorough validation of the data, right away, in near real time. More importantly, with Mail.XML, your software can respond back to the *PostalOne!* system right away to let the USPS know if you successfully received all the data or not. You can also let the USPS know, right away, if the data sent by the USPS to you had problems, the data was bad or incomplete or did not belong to you, etc., so automatic conflict resolution triggers can result in immediate action by the USPS. Mail.Xml 7.0 expands the same capabilities to other data types.

Other important thing for your business is that unlike Mail.dat, there are almost no wait times for you to file your postage, qualification, and container and bundle reports with the USPS since you are filing final documents.

Prerequisite:

All customers who want to receive full-service data feedback must be registered *PostalOne!* users. The customer must have gone through the *PostalOne!* approval and activation process for this business function and must establish push subscription profiles in the *PostalOne!* system to provide data distribution guidance for their data. The data distribution authorization is driven by the data provided in the eDocumentation to the *PostalOne!* system about the By/For relationship. The MID profiles if setup by the customer, take precedence on authorization rules over the eDoc data.

4.5 Messages Supported in Release 1

The following messages are supported in Release 1 of *PostalOne!* Full-Service:

PUSH MESSAGES	PULL MESSAGES
FullServiceAddressCorrectionDelivery	FullServiceAddressCorrectionQueryRequest
FullServiceAddressCorrectionNotification	FullServiceAddressCorrectionQueryResponse
FullServiceContainerVisibilityDelivery	FullServiceContainerVisibilityQueryRequest
FullServiceContainerVisibilityNotification	FullServiceContainerVisibilityQueryResponse
FullServiceNixieDetailDelivery	FullServiceNixieDetailQueryRequest
FullServiceNixieDetailNotification	FullServiceNixieDetailQueryResponse
FullServiceStartTheClockDelivery	FullServiceStartTheClockQueryRequest
FullServiceStartTheClockNotification	FullServiceStartTheClockQueryResponse
DeliveryResponse	CastofCharactersCancelRequest
NotificationResponse	CastofCharactersCancelResponse
	CastofCharactersCreateRequest
	CastofCharactersCreateResponse
	CastofCharactersUpdateRequest

	CastofCharactersUpdateResponse

IMPORTANT: With the implementation of Errata # 173, all of the ACS and Nixie element in all data distribution messages will be OPTIONAL

4.6 Messages Supported in Release 2

The following messages are supported in Release 2 of *PostalOne!* Full-Service:

Push Messages	Pull Messages
FullServiceeDocDataQualityVerification Notification	FullServiceeDocDataQualityVerification QueryRequest
FullServiceeDocDataQualityVerification Delivery	FullServiceeDocDataQualityVerification QueryResponse

The Release 2 Data Quality Verification messages will support eight functional reporting areas, such as IMCB and IMTB uniqueness conflicts, Service Type Id conflicts, CSA mismatch conflicts, Appointment or appointments content data not found conflicts, multiple appointments conflicts, etc.

4.7 Push Messages

If you want to automatically receive the data as soon as it is ready (Push model), you must have registered your Web Services URL, implemented a WSDL for push (Delivery and Notification) Mail.XML messages, and implemented Authentication and Authorization to authenticate and authorize transactions sent by the *PostalOne!* system to your server. The WSDLs and XSDs available at the end of this document **MUST** be used to ensure conformity and standardization of data exchange between the *PostalOne!* system and customers. Within the *PostalOne!* system, a user interface allows you to provide the information and indicate which messages you want to receive as a Push model. You must have also checked the type of data you want to receive as a Push. All push messages end in the word “Delivery” or in the word “Notification.”

The messages that end with the word “Delivery” mean that the message has all the detail data and the customer is receiving the data because the customer registered with the USPS *PostalOne!* system to receive the detail data as it becomes available.

The messages that end with the word “Notification” mean that the message will notify the customer that the “data is ready” to be pulled through Pull Mail.XML mechanism or another approved method. Notification messages will not have detail data. The customer will have the option to choose the push messages that they want the *PostalOne!* system to use and send the data to the customer. e.g., a customer may decide to use Pull messages for ACS, but may decide to receive continuous feeds of data for StartTheClock “Delivery” message or Nixie “Delivery” message and may choose to receive the notifications through the Notification messages.

4.8 Pull Messages

If a customer wants to get the data based upon their own needs and wants to pull the data from the *PostalOne!* system, they will not need to host their own Web Services URL. They will need the software that can send a message request to the *PostalOne!* system for any available data and the *PostalOne!* system will respond back with the data. The customer will need to be approved and activated by the USPS to be able to use this software in production.

4.9 Message Response Retrieval Request Processing

Fault and Fault Recovery Messages

This series of messages is primarily used to support the Asynchronous communication when the response from the USPS may not be within a 7 seconds period and the USPS gives out a tracking ID to the customer. The customer then uses the Tracking ID to get his message response back using the MRRR message set that includes:

- Message Response Retrieval Request
- Message Response Retrieval Response

In Full-Service Release 1, customers will have the ability to provide tracking ID in the MessageResponseRetrievalRequest message to retrieve the following responses:

- CastofCharactersCreateResponse
- CastofCharactersCancelResponse
- CastofCharactersUpdateResponse
- FullServiceAddressCorrectionQueryResponse
- FullServiceNixieDetailQueryResponse
- FullServiceContainerVisibilityQueryResponse
- FullServiceStartTheClockQueryResponse
- FullServiceeDocDataQualityVerificatonQueryResponse

4.10 Release 1 Messages Business Rules

Following is the list of Release 1 messages that are defined in detail below:

PUSH MESSAGES	PULL MESSAGES
FullServiceAddressCorrectionDelivery	FullServiceAddressCorrectionQueryRequest
FullServiceAddressCorrectionNotification	FullServiceAddressCorrectionQueryResponse
FullServiceContainerVisibilityDelivery	FullServiceContainerVisibilityQueryRequest
FullServiceContainerVisibilityNotification	FullServiceContainerVisibilityQueryResponse
FullServiceNixieDetailDelivery	FullServiceNixieDetailQueryRequest
FullServiceNixieDetailNotification	FullServiceNixieDetaiQuerylResponse
FullServiceStartTheClockDelivery	FullServiceStartTheClockQueryRequest
FullServiceStartTheClockNotification	FullServiceStartTheClockQueryResponse
DeliveryResponse	CastofCharactersCancelRequest
NotificationResponse	CastofCharactersCancelResponse
	CastofCharactersCreateRequest
	CastofCharactersCreateResponse
	CastofCharactersUpdateRequest
	CastofCharactersUpdateResponse

Delivery and Notification Messages:

<u>Response Messages for Notification and Delivery</u>

- **NotificationResponse**

1. Every time the USPS sends a Push “Notification” message to the customer, if the customer has registered for one or more “Notification” messages, the *PostalOne!* system expects a “Notification Response” message from the customer to let the *PostalOne!* system know if everything is OK.
2. The return codes and their descriptions for the Response messages are published in section 4.12 of this specification. They will be updated by the USPS for implementation based upon the schedule made available in the External Timeline for IM implementation document.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
User License Code	String		Required when 8-02 version is used	
Maildat Job ID	String	-	Required when 8-02 version is used	
Customer Group ID	String, 25 character	-	Required when MailXML version is used	
Mailing Group ID	Non Negative Integer	-	Required when MailXML is used	
Notification Date	Date	-	Required	
ReturnInfo Block BEGIN				
Return Code	Non Negative Integer – Length 4	-	Optional	
Return Description	String, Length 260	-	Required	

- **DeliveryResponse**

1. Every time the USPS sends a Push ‘Delivery’ message to the customer, if the customer has registered for one or more ‘Delivery’ messages, the USPS *PostalOne!* program expects a ‘Delivery Response’ message from the customer to let the *PostalOne!* system know if everything is OK. Every Delivery Message will have a unique message identifier (PushMessageID) that will be sent to the customer. Customer are encouraged to return the same PushMessageID in the DeliveryResponse message so that the *PostalOne!* system can reconcile the message delivery information.
2. All return codes and their descriptions for the Response messages will be made available by the USPS for implementation based upon the schedule made available in the External Timeline for IM implementation document. The return codes and their description are provided in section 4.12 of this specification.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
User License Code	String		Required when 8-02 version is used	

Field	Format	Acceptable Values	Business Rules	Errata Identified
Maildat Job ID	String	-	Required when 8-02 version is used	
Customer Group ID	String, 25 character	-	Required when MailXML version is used	
Mailing Group ID	Non Negative Integer	-	Required when MailXML is used	
Push Message ID	String, Length 25	-	Optional	
Delivery Type	String	-	Required	
Return Code	Non Negative Integer – Length 4	-	Optional	
Return Description	String, Length 260	-	Required	

StartTheClock:

- **FullServiceStartTheClockNotification**

  With each StartTheClockNotification message, if the customer has registered with the *PostalOne!* system to receive the message, the *PostalOne!* system will provide a date of notification and will provide the job information, either the Mail.dat Job ID and User License Code, OR the Customer Group ID and MailingGroupID for Mail.XML/Postal Wizard to the customer, so the customer can use the Job information in his/her Query request.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
Submitting Party Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	
Submitting Software Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	-
User License Code	String		Required when 8-02 version is used	
Maildat Job ID	String	-	Required when 8-02 version is used	
Customer Group ID	String, 25 character	-	Required when MailXML version is used	

Field	Format	Acceptable Values	Business Rules	Errata Identified
Mailing Group ID	Non Negative Integer	-	Required when MailXML is used	
Notification Date	Date	-	Required	

- **FullServiceStartTheClockDelivery**

  With each StartTheClockDelivery message, if the customer has registered with the *PostalOne!* system to receive the message, the *PostalOne!* system will provide the:

  - Job information, either the Mail.dat Job ID and User License Code, OR the Customer Group ID and MailingGroupID for Mail.XML/Postal Wizard to the customer.
  - Zero or more StartTheClockBMEUBlock blocks for the job
  - Zero or more StartTheClockDropShipBlock blocks for the job
  - Zero or more StartTheClockPlantLoadBlock blocks for the job
  - In addition, optional return Info block in case of issues or no data found. All return codes and their descriptions for the Response messages will be made available by the USPS for implementation based upon the schedule made available in the External Timeline for IM implementation document.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
Submitting Party Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	
Submitting Software Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	-
Data Recipient Block BEGIN				82 – *See Appendix D*
CRID	String, 10		Required	
Roles	String	Refer MailXml_Base:RoleType	Required	
Data Recipient Block END				
User License Code	String		Required when 8-02 version is used	-
Maildat Job ID	String	-	Required when 8-02 version is used	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
Customer Group ID	String, 25 character	-	Required when MailXML version is used	-
Mailing Group ID	Non Negative Integer	-	Required when MailXML is used	-
Push Message ID	String, Length 25	-	Optional	-
CLOCK STARTED BLOCK BEGIN				
StarttheclockBMEUBlock Begins	Unbounded	-	Optional	-
FullServiceComplianceIndicator	String	1. F" 2. " " (BLANK)	Optional	85 – *See Appendix D*
FullServiceNonComplianceReasonCode	String	1. A 2. B 3. D 4. E 5. I 6. L 7. M 8. N 9. P 10. Q 11. R 12. S 13. U 14. V 15. X	Optional	85 – *See Appendix D*
Publication Number	Non Negative Integer, Length 9	-	Required	-
Mail Class	String	-	Required	-
Origin Facility Name	String, 50	-	Required	83 – *See Appendix D*
Origin Facility Locale Key	String, Length 9	-	Required	-
Arrival Date Time	Date/Time	-	Required	-
Start the Clock Date	Date	-	Required	-
StarttheclockBMEUBlock End				
StarttheclockDropShip Block BEGIN				
FullServiceComplianceIndicator	String	1. F" 2. " " (BLANK)	Optional	85 – *See Appendix D*

Field	Format	Acceptable Values	Business Rules	Errata Identified
FullServiceNonComplianceReasonCode	String	1. A 2. B 3. D 4. E 5. I 6. L 7. M 8. N 9. P 10. Q 11. R 12. S 13. U 14. V 15. X	Optional	85 – *See Appendix D*
MailXML Appt ID	String	-	Optional between this field and CSA Dispatch Number	72 – *See Appendix D*
CSA Dispatch Number	String	-	Optional between this field and MailXML Appt ID	
Publication Number	Non Negative Integer, Length 9	-	Required	-
Mail Class	String	-	Required	-
USPS Induction Facility Name	String, 50	-	Required	83 – *See Appendix D*
USPS Induction Facility Location	String, Length 9	-	Required	-
Appt Date Time	Date/time	-	Required	86 – *See Appendix D*
Arrival Date Time	Date/Time	-	Required	-
Unload Start Date Time	Date/Time	-	Required	-
Unload End Date Time	Date/Time	-	Required	-
Appt Status	String	-	Required	-
Start The Clock Date	Date	-	Required	-
StarttheclockDropShip Block END				
StarttheclockPlantLoad Block START				
FullServiceComplianceIndicator	String	1. F" 2. " " (BLANK)	Optional	85 – *See Appendix D*

Field	Format	Acceptable Values	Business Rules	Errata Identified
FullServiceNonComplianceReasonCode	String	1. A 2. B 3. D 4. E 5. I 6. L 7. M 8. N 9. P 10. Q 11. R 12. S 13. U 14. V 15. X	Optional	85 – *See Appendix D*
CSA Dispatch Number	String	-	Optional between this field and MailXML Appt ID	
Publication Number	Non Negative Integer, Length 9	-	Required	-
Mail Class	String	-	Required	-
Origin Facility Name	String, 50	-	Required	83 – *See Appendix D*
Origin Facility Locale Key	String, Length 9	-	Required	-
Mail Released Date Time	Date/Time	-	Required	-
Start The Clock Date	Date	-	Required	-
CLOCK STARTED BLOCK END				

Container Visibility:

- **FullServiceContainerVisibilityNotification**

  With each FullServiceContainerVisibilityNotification message, if the customer has registered with the *PostalOne!* system to receive the message, the *PostalOne!* system will provide a

  - date of notification and
  - will provide the job information, either the Mail.dat Job ID and User License Code, OR the Customer Group ID and MailingGroupID for Mail.XML to the customer, so the customer can use the Job information in his/her Query request.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified

Field	Format	Acceptable Values	Business Rules	Errata Identified
Submitting Party Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	
Submitting Software Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	-
User License Code	String		Required when 8-02 version is used	-
Maildat Job ID	String	-	Required when 8-02 version is used	-
Customer Group ID	String, 25 character	-	Required when MailXML version is used	-
Mailing Group ID	Non Negative Integer	-	Required when MailXML is used	-
Notification Date	Date	-	Required	-

- **FullServiceContainerVisibilityDelivery**

  With each FullServiceContainerVisibilityDelivery message, if the customer has registered with the *PostalOne!* system to receive the message, the *PostalOne!* system will provide the

  - OPTIONAL LargeTransactionDivideroptionalGroupType. This type is created to allow breaking up of any large data into multiple transactions, with Feet Ahead concept, where the sender of the large data is providing information about how many total transactions, records to expect, and what is the current transaction number among the total expected transactions etc. as part of this one business transaction.

    a. MessageGroupID – It is a Sequence Number and will remain the same until all the transactions are completed, e.g., MessageGroupID is 10 and until the last transaction is received on this business transaction, the MessageGroupID will remain 10 for all transactions, so the receiver knows that all the transactions with MessageGroupID 10 are one business transaction.

    b. TotalMessageCount - This element tells the receiver that for MessageGroupID of 10 expect a total of X transactions, the X is a positive integer.

    c. MessageSerialNumber – Is a serial number that will always start with 1 for every MessageGroupID, so the receiver always know if this is the 1st, 2nd, 3rd transaction from the TotalMessageCount and for the same MessageGroupID.

    d. TransmittedRecordCount – is a count of records in the current message transaction.

    e. TotalRecordsAccrossMessages – This is the total expected record count when the receiver for the MessageGroupID has received all transactions.

f. LastMessage – is a Yes or No indicator confirming for the receiver that this transaction is the last transaction of the MessageGroupID. For example: MessageGroupID 10.

- SubmittingParty – The *PostalOne!* system for all Notification and Delivery messages will always put a value of 'USPS' in the MaildatUserLicense field.
- SubmittingSoftware – The *PostalOne!* system for all Notification and Delivery messages will always put
  a. The value of 'PostalOne' in the SoftwareName element
  b. The value of 'USPS' in the vendor element
  c. The most current version number available, such as 19.0 or 20.0 in the Version element
  d. The *PostalOne!* system will not fill any values in the ApprovalDate and ApprovalKey elements
- The CRID element is for industry usage and is optional. For the Delivery messages, the *PostalOne!* system will not populate this element.
- The *PostalOne!* system will provide the job information, either the Mail.dat Job ID and User License Code, OR the Customer Group ID and MailingGroupID for Mail.XML to the customer.
- The *PostalOne!* system will send one or more FullServiceContainerVisibility blocks.
- Full Service ACS™ COA and Nixie data grouping: All XML Messages for the Full Service ACS COA and Full Service ACS Nixie data are grouped by Mail.dat Job ID/User License Code OR Mailing Group/Container Group AND Data Recipient CRID. The data recipient CRID is attached to the Full Service ACS transactions by the SASP system based upon the eDoc By/For and/or the MID profile/Cast of Characters communication.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
Large Transaction Divider Block BEGIN	-	-	Attribute	
Message Group ID	String, Length 20	-	Optional	-
Total Message Count	Positive Integer	-	Optional	-
Message Serial Number	Positive Integer	-	Optional	-
Transmitted Record Count	Positive Integer	-	Optional	-
Total Records Across Message	Positive Integer	-	Optional	-
Last Message	Boolean	Yes/No	Optional	-
Large Transaction Divider Block END				
Submitting Party Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	

Field	Format	Acceptable Values	Business Rules	Errata Identified
Submitting Software Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	-
Data Recipient Block BEGIN				82 – *See Appendix D*
CRID	String, 10		Required	
Roles	String	Refer MailXml_Base:RoleType	Required	
Data Recipient Block END				
User License Code	String		Required when 8-02 version is used	-
Maildat Job ID	String	-	Required when 8-02 version is used	-
Customer Group ID	String, 25 character	-	Required when MailXML version is used	-
Mailing Group ID	Non Negative Integer	-	Required when MailXML is used	-
Push Message ID	String, Length 25	-	Optional	-
Container Visibility Entry Block BEGINS				
MailXML Appt ID	String	-	Optional between this field and CSA Dispatch Number	72 – See Appendix D
CSA Dispatch Number	String	-	Optional between this field and MailXML Appt ID	
USPS Induction Facility Name	String, Length 50	-	Required	-
USPS Induction Facility Location	String, Length 9	-	Required	-
Intelligent Mail Container Barcode	String, Min Length 21 and Max Length 24	-	Required	-
Container Scan Date Time	Date/Time	-	Required	-
Induction Status	String	-	Required	-
Induction Issue Description	String, Length 50	-	Required	-
Induction Issue Resolution	String, Length 50	-	Required	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
FullServiceComplianceIndicator	String	1. F" 2. " " (BLANK)	Optional	85 – *See Appendix D*
FullServiceNonComplianceReasonCode	String	1. A 2. B 3. D 4. E 5. I 6. L 7. M 8. N 9. P 10. Q 11. R 12. S 13. U 14. V 15. X	Optional	85 – *See Appendix D*
Container Visibility Entry Block END				

Full Service ACS™:

- **FullServiceAddressCorrectionNotification**

  With each FullServiceAddressCorrectionNotification message, if the customer has registered with the *PostalOne!* system to receive the message, the *PostalOne!* system will provide the

  1. SubmittingParty – The *PostalOne!* system for all Notification and Delivery messages will always put a value of 'USPS' in the MaildatUserLicense field.
  2. SubmittingSoftware – The *PostalOne!* system for all Notification and Delivery messages will always put:
     a. The value of 'PostalOne' in the SoftwareName element
     b. The value of 'USPS' in the vendor element
     c. The most current version number available, such as 19.0 or 20.0 in the Version element
     d. The *PostalOne!* system will not fill any values in the ApprovalDate and ApprovalKey elements

  3. The CRID element is for industry usage and is optional. For the Delivery messages, the *PostalOne!* system will not populate this element.

  4. The *PostalOne!* system will provide the job information, either the Mail.dat Job ID and User License Code, OR the Customer Group ID and MailingGroupID for Mail.XML/Postal Wizard to the customer.

  5. The *PostalOne!* system will provide the NotificationDate, which is the date when the message is transmitted.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
Submitting Party Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	
Submitting Software Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	-
CRID	String, Min Length 1 and Max Length 10	-	Optional	-
User License Code	String		Required when 8-02 version is used	-
Maildat Job ID	String	-	Required when 8-02 version is used	-
Customer Group ID	String, 25 character	-	Required when MailXML version is used	-
Mailing Group ID	Non Negative Integer	-	Required when MailXML is used	-
Notification Date	Date	-	Required	-

- **FullServiceAddressCorrectionDelivery**

  With each FullServiceAddressCorrectionDelivery message, if the customer has registered with the *PostalOne!* system to receive the message, the *PostalOne!* system will provide the

  1. OPTIONAL LargeTransactionDivideroptionalGroupType. This type is created to allow breaking up of any large data into multiple transactions, with Feet Ahead concept, where the sender of the large data is providing information about how many total transactions and records to expect and what is the current transaction number among the total expected transactions etc. as part of this one business transaction.
     a. MessageGroupID – It is a Sequence Number and will remain the same until all the transactions are completed, e.g., MessageGroupID is 10, indicating all the transactions with MessageGroupID 10 are one business transaction.
     b. TotalMessageCount - This element tells the receiver that for MessageGroupID of 10 expect a total of X transactions, the X is a positive integer.
     c. MessageSerialNumber – Is a serial number that will always start with 1 for every MessageGroupID, so the receiver always know if this is the first, second, or third transaction from the TotalMessageCount and for the same MessageGroupID.
     d. TransmittedRecordCount – is count of records in the current message transaction.
     e. TotalRecordsAccrossMessages – This is the total expected record count when the receiver of the MessageGroupID has received all messages.

f. LastMessage – is a Yes or No indicator confirming for the receiver that this transaction is the last transaction of the MessageGroupID e.g., MessageGroupID 10.

2. SubmittingParty – The *PostalOne!* system for all Notification and Delivery messages will always put a value of 'USPS' in the MaildatUserLicense field.
3. SubmittingSoftware – The *PostalOne!* system for all Notification and Delivery messages will always put:
   a. The value of 'PostalOne' in the SoftwareName element
   b. The value of 'USPS' in the vendor element
   c. The most current version number available, such as 19.0 or 20.0 in the Version element
   d. The *PostalOne!* system will not fill any values in the ApprovalDate and ApprovalKey elements
4. The CRID element is for industry usage and is optional. For the Delivery messages, the *PostalOne!* system will not populate this element.
5. The *PostalOne!* system will provide the job information, either the Mail.dat Job ID and User License Code, OR the Customer Group ID and MailingGroupID for Mail.XML/Postal Wizard to the customer.
6. The *PostalOne!* system will send one or more FullServiceAddressCorrection blocks.
   a. The *PostalOne!* system will provide Move Type to identify the type of move for Individual, Family or Business (indicated by values 'I', 'F', or 'B' respectively).
   b. The COAName element will be used to identify the following:
      - Individual/Family Move Type = Last Name, First Name, Prefix and Suffix
      - Business Move Type = Last Name will be utilize to provide business name information

   c. The ClassNotificationType element will be used to identify the mail class of the mail piece that generated the ACS COA notification for the following values:
      - 'A' = Package Services (Bound Printed Matter)
      - 'B' = First-Class
      - 'C' = Periodicals Initial
      - 'D' = Standard Mail
      - 'F' = Periodicals Follow-up
   d. The DeliverabilityCodeType element will be used to identify the deliverability status of the mailpiece that generated the ACS COA notification for the following values:
      - <blank> = COA Match with new address
      - 'K' = COA Match, no forwarding address
      - 'G' = COA Match, PO Box Closed, no forwarding address
      - 'W' = COA Match with a temporary COA
   e. The AddressType element will be used to identify the type of address from which the customer is moving for the following values:
      - 'G' = General Delivery
      - 'H' = Highway Contract Route
      - 'P' = Post Office Box
      - 'R' = Rural Route

- 'S' = Street Address

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
Large Transaction Divider Block BEGIN	-	-	Attribute	
Message Group ID	String, Length 20	-	Optional	-
Total Message Count	Positive Integer	-	Optional	-
Message Serial Number	Positive Integer	-	Optional	-
Transmitted Record Count	Positive Integer	-	Optional	-
Total Records Across Message	Positive Integer	-	Optional	-
Last Message	Boolean	Yes/No	Optional	-
Large Transaction Divider Block END				
Submitting Party Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	
Submitting Software Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	-
Data Recipient Block BEGIN				82 – *See Appendix D*
CRID	String, 10		Required	
Roles	String	Refer MailXml_Base:RoleType	Required	
Data Recipient Block END				
CRID	String, Min Length 1 and Max Length 10	-	Optional	-
User License Code	String		Required when 8-02 version is used	-
Maildat Job ID	String	-	Required when 8-02 version is used	-
Customer Group ID	String, 25 character	-	Required when MailXML version is used	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
Mailing Group ID	Non Negative Integer	-	Required when MailXML is used	-
Push Message ID	String, Length 25	-	Optional	-
Full Service Address Correction Block BEGINS				
User License Code	String		Required when 8-02 version is used	-
Maildat Job ID	String	-	Required when 8-02 version is used	-
Customer Group ID	String, 25 character	-	Required when MailXML version is used	-
Mailing Group ID	Non Negative Integer	-	Required when MailXML is used	-
Original Mailer ID 6	String, Length 6	-	Optional. CHOICE between this field and Original Mailer ID 9	-
Original Mailer ID 9	String, Length 9	-	Optional. CHOICE between this field and Original Mailer ID 6	
Original IMB	String, Min Length 20 and Max Length 34	-	Required	-
FullServiceComplianceIndicator	String	1. F" 2. " " (BLANK)	Optional	85 – *See Appendix D*
FullServiceNonCOmlpianceReasonCode	String	1. A 2. B 3. D 4. E 5. I 6. L 7. M 8. N 9. P 10. Q 11. R 12. S 13. U 14. V 15. X	Optional	85 – *See Appendix D*
Record Creation Date	Date	-	Required	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
Move Effective Date	Date	-	Required	-
Move Type	String	-	Optional	-
Deliverability Code Type	String	<blank> = COA Match with new address 'K' = COA Match, no forwarding address 'G' = COA Match, PO Box Closed, no forwarding address 'W' = COA Match with a temporary COA	Optional	-
COA Name Block BEGINS				
Choice Block BEGIN * Choice is either Business Name or all other fields				
Business Name	String, 50		Required	84 – *See Appendix D*
Last Name	String, Length 20	-	Required	-
First Name and Middle Name	String, Length 15	-	Required	-
Prefix	String, Length 15	-	Required	
Suffix	String, Length 15	-	Required	-
Choice Block END				
COA Name Block END				
Keyline From EDoc	String	-	Required	-
Old Address Block **Old and New Address Block has same structure as outlined below in 'Old/New Address Block'**			Required	
New Address Block **Old and New Address Block has same structure as outlined below in 'Old/New Address Block'**			Required	
Old/New Address Block BEGIN				

Field	Format	Acceptable Values	Business Rules	Errata Identified
Address Type	String	-	Required	-
Urbanization Name	String	-	Required	-
Primary Number	String, Length 10	-	Required	-
Pre Directional	String, Length 2	-	Required	-
Street Name	String, Length 28	-	Required	-
Street Suffix	String, Length 4	-	Required	-
Post Directional	String, Length 2	-	Required	-
Unit Designator	String, Length 4	-	Required	-
Secondary Number	String, Length 10	-	Required	-
City	String, Length 28	-	Required	-
State	String, Length 2	-	Required	-
ZipCode	String, Length 5	-	Required	-
ZipCode Plus4	String, Length 4	-	Optional	-
Old/New Address Block END				
Private Mailbox	String, Length 37		Required	-
Class Notification Type	String	'A' = Package Services (Bound Printed Matter) 'B' = First-Class 'C' = Periodicals Initial 'D' = Standard Mail 'F' = Periodicals Follow-up	Required	-
Fee Notification	Boolean	Yes/No	Required	-
Return Info Block BEGIN				
Return Code	Non Negative Integer – Length 4	-	Optional	

Field	Format	Acceptable Values	Business Rules	Errata Identified
Return Description	String, Length 260	-	Required	
Return Info Block END				
Full Service Address Correction Block END				

Full Service ACS™ Nixie:

- **FullServiceNixieDetailNotification**

  With each FullServiceNixieDetailNotification message, if the customer has registered with the *PostalOne!* system to receive the message, the *PostalOne!* system will provide the

  1. SubmittingParty – The *PostalOne!* system for all Notification and Delivery messages will always put a value of 'USPS' in the MaildatUserLicense field.
  2. SubmittingSoftware – The *PostalOne!* system for all Notification and Delivery messages will always put
     a. The value of 'PostalOne' in the SoftwareName element
     b. The value of 'USPS' in the vendor element
     c. The most current version number available, such as 19.0 or 20.0 in the Version element
     d. The *PostalOne!* system will not fill any values in the ApprovalDate and ApprovalKey elements
  3. The CRID element is for industry usage and is optional. For the Delivery messages, the *PostalOne!* system will not populate this element.
  4. The *PostalOne!* system will provide the job information, either the Mail.dat Job ID and User License Code, OR the Customer Group ID and MailingGroupID for Mail.XML/Postal Wizard to the customer.
  5. The *PostalOne!* system will provide the NotificationDate, which is the date when the message is transmitted.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
Submitting Party Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	
Submitting Software Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	-
CRID	String, Min Length 1 and Max Length 10	-	Optional	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
User License Code	String		Required when 8-02 version is used	-
Maildat Job ID	String	-	Required when 8-02 version is used	-
Customer Group ID	String, 25 character	-	Required when MailXML version is used	-
Mailing Group ID	Non Negative Integer	-	Required when MailXML is used	-
Notification Date	Date	-	Required	-

- **FullServiceNixieDetailDelivery**

  With each FullServiceNixieDetailDelivery message, if the customer has registered with the *PostalOne!* system to receive the message, the *PostalOne!* system will provide the

  1. OPTIONAL LargeTransactionDivideroptionalGroupType. This type is created to allow breaking up of any large data into multiple transactions, with Feet Ahead concept, where the sender of the large data is providing information about how many total transactions and records to expect and what is the current transaction number among the total expected transactions etc. as part of this one business transaction.
     a. MessageGroupID – It is a Sequence Number and will remain the same until all the transactions are completed, e.g., MessageGroupID is 10 and until the last transaction is received on this business transaction, the MessageGroupID will remain 10 for all transactions, so the receiver knows that all the transactions with MessageGroupID 10 are one business transaction.
     b. TotalMessageCount - This element tells the receiver that for MessageGroupID of 10 expect a total of X transactions, the X is a positive integer.
     c. MessageSerialNumber – Is a serial number that will always start with 1 for every MessageGroupID, so the receiver always know if this is the 1st, 2nd, 3rd transaction from the TotalMessageCount and for the same MessageGroupID.
     d. TransmittedRecordCount – is count of records in the current message transaction.
     e. TotalRecordsAccrossMessages – This is the total expected record count when the receiver of the MessageGroupID has received all messages.
     f. LastMessage – is a Yes or No indicator confirming for the receiver that this transaction is the last transaction of the MessageGroupID e.g., MessageGroupID 10.
  2. SubmittingParty – The *PostalOne!* system for all Notification and Delivery messages will always put a value of ‘USPS’ in the MaildatUserLicense field.
  3. SubmittingSoftware – The *PostalOne!* system for all Notification and Delivery messages will always put
     a. The value of ‘PostalOne’ in the SoftwareName element
     b. The value of ‘USPS’ in the vendor element
     c. The most current version number available, such as 19.0 or 20.0 in the Version element
     d. The *PostalOne!* system will not fill any values in the ApprovalDate and ApprovalKey elements

4. The CRID element is for industry usage and is optional. For the Delivery messages, the *PostalOne!* system will not populate this element.
5. The *PostalOne!* system will provide the job information, either the Mail.dat Job ID and User License Code, OR the Customer Group ID and MailingGroupID for Mail.XML/Postal Wizard to the customer.
6. The *PostalOne!* system will send one or more FullServiceNixieDetail blocks.
   a. The ActionCode element will be used to identify the action taken for the returned mail for the following values:
      - 'F' = Forwarded
      - 'W' = Wasted
      - 'R' = Returned
      - 'U' = Unable to determine action
   b. The ClassNotificationType element will be used to identify the mail class of the mail piece that generated the ACS COA notification for the following values:
      - 'A' = Package Services (Bound Printed Matter)
      - 'B' = First-Class
      - 'C' = Periodicals Initial
      - 'D' = Standard Mail
      - 'F' = Periodicals Follow-up
   c. Reason Code - Reason mail element will be used to identify the reason for the returned mail for the following values:
      - 'A' = Attempted, not known
      - 'B' = Returned for better address
      - 'D' = Outside delivery limits
      - 'E' = In dispute
      - 'I' = Insufficient Address
      - 'L' = Illegible
      - 'M' = No mail receptacle
      - 'N' = No such number
      - 'P' = Deceased
      - 'Q' = Not deliverable as addressed/unable to forward
      - 'R' = Refused
      - 'S' = No such street
      - 'U' = Unclaimed
      - 'V' = Vacant
      - 'X' = No such office

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified

Field	Format	Acceptable Values	Business Rules	Errata Identified
Large Transaction Divider Block BEGIN	-	-	Attribute	
Message Group ID	String, Length 20	-	Optional	-
Total Message Count	Positive Integer	-	Optional	-
Message Serial Number	Positive Integer	-	Optional	-
Transmitted Record Count	Positive Integer	-	Optional	-
Total Records Across Message	Positive Integer	-	Optional	-
Last Message	Boolean	Yes/No	Optional	-
Large Transaction Divider Block END				
Submitting Party Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	
Submitting Software Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	-
Data Recipient Block BEGIN				82 – *See Appendix D*
CRID	String, 10		Required	
Roles	String	Refer MailXml_Base:RoleType	Required	
Data Recipient Block END				
CRID	String, Min Length 1 and Max Length 10	-	Optional	-
User License Code	String		Required when 8-02 version is used	-
Maildat Job ID	String	-	Required when 8-02 version is used	-
Customer Group ID	String, 25 character	-	Required when MailXML version is used	-
Mailing Group ID	Non Negative Integer	-	Required when MailXML is used	-
Push Message ID	String, Length 25	-	Optional	-
Full Service Nixie Detail Block BEGINS				

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~User License Code~~	~~String~~	-	~~Required when 8-02 version is used~~	87 – *See Appendix D*
~~Maildat Job ID~~	~~String~~	~~-~~	~~Required when 8-02 version is used~~	87 – *See Appendix D*
~~Customer Group ID~~	~~String, 25 character~~	~~-~~	~~Required when MailXML version is used~~	87 – *See Appendix D*
~~Mailing Group ID~~	~~Non Negative Integer~~	~~-~~	~~Required when MailXML is used~~	87 – *See Appendix D*
Original Mailer ID 6	String, Length 6	-	Required. CHOICE between this field and Original Mailer ID 9	-
Original Mailer ID 9	String, Length 9	-	Required. CHOICE between this field and Original Mailer ID 6	
FullServiceComplianceIndicator	String	1. F" 2. " " (BLANK)	Optional	85 – *See Appendix D*
FullServiceNonCOmlpianceReasonCode	String	1. A 2. B 3. D 4. E 5. I 6. L 7. M 8. N 9. P 10. Q 11. R 12. S 13. U 14. V 15. X	Optional	85 – *See Appendix D*
Original IMB	String, Min Length 20 and Max Length 34	-	Required	-
Record Creation Date	Date	-	Required	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
Action Code	String	'F' = Forwarded 'W' = Wasted 'R' = Returned 'U' = Unable to determine action	Required	-
Parsed Address On Piece	String	-	Required	-
On Piece CityStateZip	String	-	Required	-
Returned To Address	String	-	Required	
Returned to CityStateZip	String	-	Required	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
Reason Code	String	'A' = Attempted, not known 'B' = Returned for better address 'D' = Outside delivery limits 'E' = In dispute 'I' = Insufficient Address 'L' = Illegible 'M' = No mail receptacle 'N' = No such number 'P' = Deceased 'Q' = Not deliverable as addressed/unable to forward 'R' = Refused 'S' = No such street 'U' = Unclaimed 'V' = Vacant 'X' = No such office	Required	-
Keyline From EDoc	String	-	Required	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
Class Notification Type	String	'A' = Package Services (Bound Printed Matter) 'B' = First-Class 'C' = Periodicals Initial 'D' = Standard Mail 'F' = Periodicals Follow-up	Required	-
Fee Notification	Boolean	Yes/No	Required	-
Return Info Block BEGIN				
Return Code	Non Negative Integer – Length 4	-	Optional	
Return Description	String, Length 260	-	Required	
Return Info Block END				

Request and Response Messages

<u>StartTheClock:</u>

- FullServiceStartTheClockQueryRequest

  With each StartTheClockQueryRequest message, the customer needs to provide information for all required blocks.

  1. SubmittingParty – The *PostalOne!* system for all data distribution for full-service messages, i.e., non-FAST, non-eDoc messages, will only accept a MID or a CRID as a valid id.
  2. SubmittingSoftware – The *PostalOne!* system for messages that it receives from the customer for the Mail.XML will always require
     a. A valid software name in the SoftwareName element
     b. A valid software vendor company name in the vendor element
     c. The most current version number of the software in the Version element
     d. A valid Approval Date and a valid Approval Key in the ApprovalDate and ApprovalKey elements. The approval date is the date when the USPS approved the software usage in the USPS production environment and a valid Approval Key is what the USPS provided to the Software Vendor or Mailer (who may have developed their own software) as authorization to use in all messages.

3. The FAST appointment ID or the CSA Dispatch ID, created by the FAST system, can be provided optionally in the ConsigneeApptID or CSADispatchNumber elements respectively.
4. The job information can also be provided optionally, either the Mail.dat Job ID and User License Code, OR the Customer Group ID and MailingGroupID for Mail.XML/Postal Wizard by the customer.
5. The customer can also optionally provide the Permit information or publication number information to receive the StartTheClock data in PermitNumber, PermitType, and PermitZip4 elements or in the PublicationNumber element.
6. The customer must provide a date range in the LowerDateRange and UpperDateRange elements.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
Submitting Party Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	
Submitting Software Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	-
Consignee Appt ID	String, Length 12	-	Optional Choice between this field and CSA Dispatch Number	-
CSA Dispatch Number	String	-	Optional Choice between this field and CSA Dispatch Number	-
OPTION BLOCK BEGIN				
User License Code	String		Required when 8-02 version is used	-
Maildat Job ID	String	-	Required when 8-02 version is used	-
Customer Group ID	String, 25 character	-	Required when MailXML version is used	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
Mailing Group ID	Non Negative Integer	-	Required when MailXML is used	-
Customer Account Block BEGIN				
Permit Number	String, 8	-	Required, when providing Permit Number and Permit Zip4 data	-
Permit Type	String	-	Optional	109 – *See Appendix D*
Permit Zip4	String, 9	-	Required when providing Permit Number and Permit Zip 4 data	109 – *See Appendix D*
Publication Number	String, 9	-	Either provide Permit Number, Permit Type 4 and optional Permit Type OR this field.	-
Customer Account Block END				
OPTIONAL BLOCK END				
Lower Date Range	Date	-	Required	-
Upper Date Range	Date	-	Required	-
MessageID	String, 20	-	Optional	75 – *See Appendix D*

- FullServiceStartTheClockQueryResponse

  The StartTheClockQuery Response has two major choice blocks one is QueryResults and the other is QueryErrors.

  1. In QueryResults,
     - Data will be filtered based on the request criteria
     - The job information will be returned by the USPS *PostalOne!* system, and the Mail.dat Job information will be returned or Mail.XML job information will be returned. The Mail.dat Job ID and User License Code elements represent Mail.dat information and the Customer Group ID and MailingGroupID represent the Mail.XML/Postal Wizard information.
     - The customer will receive one or more ClockStarted blocks. The block includes StartTheClockBMEUBlock, StartTheClockPlantLoadBlock, and StartTheClockDropShipBlock.
     - The USPS as part of the QueryResults to communicate any issues can return an optional ReturnCode and Description.

  2. The QueryError Block provides zero or more return codes and descriptions to communicate any issues with the response of the query.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
LargeTransactionDividerGroupType			Attribute	74 – *See Appendix D*
Query Result Block	-	-	-	
MessageID	String, 20	-	Optional	75 – *See Appendix D*
Large Transaction Divider Block BEGIN	-	-	Attribute	
Message Group ID	String, Length 20	-	Optional	-
Total Message Count	Positive Integer	-	Optional	-
Message Serial Number	Positive Integer	-	Optional	-
Transmitted Record Count	Positive Integer	-	Optional	-
Total Records Across Message	Positive Integer	-	Optional	-
Last Message	Boolean	Yes/No	Optional	-
Large Transaction Divider Block END				
OPTION BLOCK BEGIN				
User License Code	String		Required when 8-02 version is used	-
Maildat Job ID	String	-	Required when 8-02 version is used	-
Customer Group ID	String, 25 character	-	Required when MailXML version is used	-
Mailing Group ID	Non Negative Integer	-	Required when MailXML is used	-
OPTION BLOCK END				
CLOCK STARTED BLOCK BEGIN				
StarttheclockBMEUBlock Begins	Unbounded	-	Optional	-
FullServiceComplianceIndicator	String	1. F" 2. " " (BLANK)	Optional	85 – *See Appendix D*

Field	Format	Acceptable Values	Business Rules	Errata Identified
FullServiceNonComplianceReasonCode	String	1. A 2. B 3. D 4. E 5. I 6. L 7. M 8. N 9. P 10. Q 11. R 12. S 13. U 14. V 15. X	Optional	85 – *See Appendix D*
Publication Number	Non Negative Integer, Length 9	-	Required	-
Mail Class	String	-	Required	-
Origin Facility Name	String	-	Required	83 – *See Appendix D*
Origin Facility Locale Key	String, Length 9	-	Required	-
Arrival Date Time	Date/Time	-	Required	-
Start the Clock Date	Date	-	Required	-
StarttheclockBMEUBlock End				
StarttheclockDropShip Block BEGIN				
FullServiceComplianceIndicator	String	1. F" 2. " " (BLANK)	Optional	85 – *See Appendix D*
FullServiceNonComplianceReasonCode	String	1. A 2. B 3. D 4. E 5. I 6. L 7. M 8. N 9. P 10. Q 11. R 12. S 13. U 14. V 15. X	Optional	85 – *See Appendix D*
MailXML Appt ID	String	-	Optional between this field and CSA Dispatch Number	72 – *See Appendix D*

Field	Format	Acceptable Values	Business Rules	Errata Identified
CSA Dispatch Number	String	-	Optional between this field and MailXML Appt ID	
Publication Number	Non Negative Integer, Length 9	-	Required	-
Mail Class	String	-	Required	-
USPS Induction Facility Name	String	-	Required	83 – *See Appendix D*
USPS Induction Facility Location	String, Length 9	-	Required	-
Appt Date Time	Date/Time	-	Required	86 – *See Appendix D*
Arrival Date Time	Date/Time	-	Required	-
Unload Start Date Time	Date/Time	-	Required	-
Unload End Date Time	Date/Time	-	Required	-
Appt Status	String	-	Required	-
Start The Clock Date	Date	-	Required	-
StarttheclockDropShip Block END				
StarttheclockPlantLoad Block START				
FullServiceComplianceIndicator	String	1. F" 2. " " (BLANK)	Optional	85 – *See Appendix D*
FullServiceNonComplianceReasonCode	String	1. A 2. B 3. D 4. E 5. I 6. L 7. M 8. N 9. P 10. Q 11. R 12. S 13. U 14. V 15. X	Optional	85 – *See Appendix D*
CSA Dispatch Number	String	-	Optional between this field and MailXML Appt ID	
Publication Number	Non Negative Integer, Length 9	-	Required	-
Mail Class	String	-	Required	-
Origin Facility Name	String	-	Required	83 – *See Appendix D*

Field	Format	Acceptable Values	Business Rules	Errata Identified
Origin Facility Locale Key	String, Length 9	-	Required	-
Mail Released Date Time	Date/Time	-	Required	-
Start The Clock Date	Date	-	Required	-
CLOCK STARTED BLOCK END				
Return Info Block BEGIN				
Return Code	Non Negative Integer – Length 4	-	Optional	
Return Description	String, Length 260	-	Required	
Return Info Block END				
Query Result Block				
Query Error Block BEGIN				
MessageID	String, 20	-	Optional	75 – *See Appendix D*
Return Info Block BEGIN				
Return Code	Non Negative Integer – Length 4	-	Optional	
Return Description	String, Length 260	-	Required	
Return Info Block END				
Query Error Block END				

Container Visibility:

- FullServiceContainerVisibilityQueryRequest

  With each FullServiceContainerVisibilityQueryRequest message, the customer needs to provide information for all required blocks.

  1. SubmittingParty – The *PostalOne!* system for all data distribution for full-service messages, i.e., non-FAST, non-eDoc messages, will only accept a MID or a CRID as a valid id.
  2. SubmittingSoftware – The *PostalOne!* system for messages that it receives for the Mail.XML will always require
     a. A valid software name in the SoftwareName element
     b. A valid software vendor company name in the vendor element
     c. The most current version number of the software in the Version element
     d. A valid Approval Date and a valid Approval Key in the ApprovalDate and ApprovalKey elements. The approval date is the date when the USPS approved the software usage in the USPS production environment and a valid Approval Key is what the USPS provided to the Software Vendor or Mailer (who may have developed their own software) as authorization to use in all messages.
  3. The job information can also be provided optionally, either the Mail.dat Job ID and User License Code, OR the Customer Group ID and MailingGroupID for Mail.XML by the customer.

4. The FAST appointment ID or the CSA Dispatch ID, created by the FAST system, can be provided optionally in the ConsigneeApptID or CSADispatchNumber elements respectively.
5. The customer can also optionally provide the 21 digit Pallet IMCB barcodes in the UniqueContainerBarcode element tied to the Mail.XML job information or Mail.dat Job information and can optionally provide the Locale Key of the Induction facility in the USPSInductionFacilityLocaleKey element.
6. The customer can also optionally provide the Mail.XML Container ID in the CustomerContainerID element tied to the Mail.XML job information or can optionally provide the Mail.dat ContainerID in the ContainerID element.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
Submitting Party Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	
Submitting Software Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	-
MessageID	String, 20	-	Optional	75 – *See Appendix D*
User License Code	String		Required when 8-02 version is used	-
Maildat Job ID	String	-	Required when 8-02 version is used	-
Customer Group ID	String, 25 character	-	Required when MailXML version is used	-
Mailing Group ID	Non Negative Integer	-	Required when MailXML is used	-
Option Block BEGINS				
Consignee Appt ID	String, 9	-	Optional between this field and CSA Dispatch Number	-
CSA Dispatch Number	String, 10	-	Optional between this field and Consignee Appt ID	
Option Block END				
Unique Container Barcode	String, Length 1-24	-	Optional	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
USPS Induction Facility Location	String, Length 9	-	Optional	-
Option Block BEGIN				-
Customer Container ID	String, 50	-	Required	-
Container ID	String, 6	-	Required	-
Option Block END				

- FullServiceContainerVisibilityQueryResponse

  With each FullServiceContainerVisibilityQueryResponse message the *PostalOne!* system will provide the

  1. Mandatory LargeTransactionDividerGroupType. This type is created to allow breaking up of any large data into multiple transactions, with Feet Ahead concept, where the sender of the large data is providing information about how many total transactions and records to expect, and what is the current transaction number among the total expected transactions etc. as part of this one business transaction.
     a. MessageGroupID – It is a Sequence Number and will remain the same until all the transactions are completed, e.g., MessageGroupID is 10 and until the last transaction is received on this business transaction, the MessageGroupID will remain 10 for all transactions, so the receiver knows that all the transactions with MessageGroupID 10 are one business transaction.
     b. TotalMessageCount - This element tells the receiver that for MessageGroupID of 10 expect a total of X transactions, the X is a positive integer.
     c. MessageSerialNumber – Is a serial number that will always start with 1 for every MessageGroupID, so the receiver always know if this is the 1st, 2nd, 3rd transaction from the TotalMessageCount and for the same MessageGroupID.
     d. TransmittedRecordCount – is count of records in the current message transaction.
     e. TotalRecordsAccrossMessages – This is the total expected record count when the receiver of the MessageGroupID has received all messages.
     f. LastMessage – is an optional Yes or No indicator confirming for the receiver that this transaction is the last transaction of the MessageGroupID e.g., MessageGroupID 10.

  The FullServiceContainerVisibilityQueryResponse has two major choice blocks one is QueryResults and the other is QueryErrors.

  - In QueryResults,
    - The job information will be returned by the USPS *PostalOne!* system, and the Mail.dat Job information will be returned or Mail.XML job information will be returned. The Mail.dat Job ID and User License Code elements represent Mail.dat information and the Customer Group ID and MailingGroupID represent the Mail.XML.
    - The customer will receive zero or more ContainerVisibilityEntry blocks with container unload and scan information.
    - The customer may also optionally receive Return Codes and Descriptions as part of the Query Results.
  - The QueryError Block provides zero or more return codes and descriptions to communicate any issues with the response of the query.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
Large Transaction Divider Block BEGIN	-	-	Attribute	
Message Group ID	String, Length 20	-	Optional	-
Total Message Count	Positive Integer	-	Optional	-
Message Serial Number	Positive Integer	-	Optional	-
Transmitted Record Count	Positive Integer	-	Optional	-
Total Records Across Message	Positive Integer	-	Optional	-
Last Message	Boolean	Yes/No	Optional	-
Large Transaction Divider Block END				
Query Result Block Begin				
MessageID	String, 20	-	Optional	75 – *See Appendix D*
Option Block Begin				
User License Code	String		Required when 8-02 version is used	-
Maildat Job ID	String	-	Required when 8-02 version is used	-
Customer Group ID	String, 25 character	-	Required when MailXML version is used	-
Mailing Group ID	Non Negative Integer	-	Required when MailXML is used	-
Option Block End				
Large Transaction Divider Result Block Begin			Optional	-
Tracking ID	String, 12	-	Required	-
Large Transaction Divider Result Block END				
Container Visibility Entry Block BEGINS				
MailXML Appt ID	String	-	Optional between this field and CSA Dispatch Number	72 – *See Appendix D*
CSA Dispatch Number	String	-	Optional between this field and MailXML Appt ID	
USPS Induction Facility Name	String, Length 50	-	Required	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
USPS Induction Facility Location	String, Length 9	-	Required	-
Intelligent Mail Container Barcode	String, Min Length 21 and Max Length 24	-	Required	-
Container Scan Date Time	Date/Time	-	Required	-
Induction Status	String	-	Required	-
Induction Issue Description	String, Length 50	-	Required	-
Induction Issue Resolution	String, Length 50	-	Required	-
FullServiceComplianceIndicator	String	1. F" 2. " " (BLANK)	Optional	85 – *See Appendix D*
FullServiceNonCOmlpianceReasonCode	String	1. A 2. B 3. D 4. E 5. I 6. L 7. M 8. N 9. P 10. Q 11. R 12. S 13. U 14. V 15. X	Optional	85 – *See Appendix D*
Container Visibility Entry Block END				
Return Info Block BEGIN				
Return Code	Non Negative Integer – Length 4	-	Optional	
Return Description	String, Length 260	-	Required	
Return Info Block END				
Query Result Block END				
Query Error Block BEGIN				
MessageID	String, 20	-	Optional	75 – *See Appendix D*
Return Info Block BEGIN				
Return Code	Non Negative Integer – Length 4	-	Optional	
Return Description	String, Length 260	-	Required	
Return Info Block END				
Query Error Block END				

Full Service ACS™ :

- FullServiceAddressCorrectionQueryRequest

  With each FullServiceAddressCorrectionQueryRequest message, the customer needs to provide information for all required blocks.

  1. SubmittingParty – The *PostalOne!* system for all data distribution for full-service messages, i.e., non-FAST, non-eDoc messages, will only accept a MID or a CRID as a valid id.
  2. SubmittingSoftware – The *PostalOne!* system for messages that it receives for the Mail.XML will always require
     a. A valid software name in the SoftwareName element
     b. A valid software vendor company name in the vendor element
     c. The most current version number of the software in the Version element
     d. A valid Approval Date and a valid Approval Key in the ApprovalDate and ApprovalKey elements. The approval date is the date when the USPS approved the software usage in the USPS production environment and a valid Approval Key is what the USPS provided to the Software Vendor or Mailer (who may have developed their own software) as authorization to use in all messages.
  3. The OwningParty information can also be provided optionally, if the data is requested by third parties based upon existing profiles or cast Of characters messages.
  4. The customer shall also provide piece information such as optional piece ranges and job info, as well as date ranges by providing one or more PieceRequest blocks.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
Submitting Party Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	
Submitting Software Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	-
MessageID	String, 20	-	Optional	75 – *See Appendix D*
Owning Party Block BEGIN	-	-	-	76 – *See Appendix D*
MailerID6	String, 6	-	Optional	-
MailerID9	String, 9	-	Optional	-
CRID	String, Min Length 1 and max length 10	-	Optional	-
Scheduler ID	String, 12	-	Optional	-
Maildat User License	String, Min Length 1 and max length 4	-	Optional	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
Owning Party Block END				
Piece Request Block BEGIN				
Mail Class	String	-	Required	76 – *See Appendix D*
Option Block BEGIN				
Lower IMB Range	String, 20-34 Length	-	Required when Option block is used	-
Upper IMB Range	String, 20-34 Length	-	Required when Option block is used	-
Option Block END				
Option Block Begin				
User License Code	String		Required when 8-02 version is used	-
Maildat Job ID	String	-	Required when 8-02 version is used	-
Customer Group ID	String, 25 character	-	Required when MailXML version is used	-
Mailing Group ID	Non Negative Integer	-	Required when MailXML is used	-
Option Block End				
Date Range Block BEGIN				
Lower Date Range	Date	-	Required	-
Upper Date Range	Date	-	Required	-
Date Range Block END				

- FullServiceAddressCorrectionQueryResponse

  With each FullServiceAddressCorrectionQueryResponse message, the *PostalOne!* system will provide the

  1. Mandatory LargeTransactionDividerGroupType. This type is created to allow breaking up of any large data into multiple transactions, with Feet Ahead concept, where the sender of the large data is providing information about how many total transactions and records to expect, and what is the current transaction number among the total expected transactions etc. as part of this one business transaction.
     a. MessageGroupID – It is a Sequence Number and will remain the same until all the transactions are completed, e.g., MessageGroupID is 10 and until the last transaction is received on this business transaction, the MessageGroupID will remain 10 for all transactions, so the receiver knows that all the transactions with MessageGroupID 10 are one business transaction.
     b. TotalMessageCount - This element tells the receiver that for MessageGroupID of 10 expect a total of X transactions, the X is a positive integer.

c. MessageSerialNumber – Is a serial number that will always start with 1 for every MessageGroupID, so the receiver always know if this is the 1st, 2nd, 3rd transaction from the TotalMessageCount and for the same MessageGroupID.
d. TransmittedRecordCount – is count of records in the current message transaction.
e. TotalRecordsAccrossMessages – This is the total expected record count when all transactions have been received by the receiver for the MessageGroupID.
f. LastMessage – is an optional Yes or No indicator confirming for the receiver that this transaction is the last transaction of the MessageGroupID e.g., MessageGroupID 10.

The FullServiceAddressCorrectionQueryResponse has two major choice blocks one is QueryResults and the other is QueryErrors.

- In QueryResults,
  - The customer will receive zero or more FullServiceAddressCorrection blocks with job information and address correction information.
  - The customer may also optionally receive Return Codes and Descriptions as part of the Query Results.
- The QueryError Block provides zero or more return codes and descriptions to communicate any issues with the response of the query.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
Large Transaction Divider Block BEGIN	-	-	Attribute	
Message Group ID	String, Length 20	-	Optional	-
Total Message Count	Positive Integer	-	Optional	-
Message Serial Number	Positive Integer	-	Optional	-
Transmitted Record Count	Positive Integer	-	Optional	-
Total Records Across Message	Positive Integer	-	Optional	-
Last Message	Boolean	Yes/No	Optional	-
Large Transaction Divider Block END				
Query Result Block Begin	-	-	-	-
MessageID	String, 20	-	Optional	75 – *See Appendix D*
Large Transaction Divider Result Block Begin			Optional Block	
Tracking ID	String, 12	-	Required when the block data is provided	
Large Transaction Divider Result Block End				

Field	Format	Acceptable Values	Business Rules	Errata Identified
FullService Address Correction Block BEGIN				
Option block BEGIN				
User License Code	String		Required when 8-02 version is used	-
Maildat Job ID	String	-	Required when 8-02 version is used	-
Customer Group ID	String, 25 character	-	Required when MailXML version is used	-
Mailing Group ID	Non Negative Integer	-	Required when MailXML is used	-
Option Block END				
Option Block BEGIN				
Original Mailer ID 6	String, Length 6	-	Optional. CHOICE between this field and Original Mailer ID 9	-
Original Mailer ID 9	String, Length 9	-	Optional. CHOICE between this field and Original Mailer ID 6	
Option Block END				
Original IMB	String, Min Length 20 and Max Length 34	-	Required	-
FullServiceComplianceIndicator	String	1. F" 2. " " (BLANK)	Optional	85 – *See Appendix D*
FullServiceNonCOmlpianceReasonCode	String	1. A 2. B 3. D 4. E 5. I 6. L 7. M 8. N 9. P 10. Q 11. R 12. S 13. U 14. V 15. X	Optional	85 – *See Appendix D*
Record Creation Date	Date	-	Required	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
Move Effective Date	Date	-	Required	-
Move Type	String	-	Optional	-
Deliverability Code Type	String	<blank> = COA Match with new address 'K' = COA Match, no forwarding address 'G' = COA Match, PO Box Closed, no forwarding address 'W' = COA Match with a temporary COA	Optional	-
COA Name Block BEGINS				
Choice Block BEGIN * Choice is either Business Name or all other fields				
Business Name	String, 50		Required	84 – *See Appendix D*
Last Name	String, Length 20	-	Required	-
First Name and Middle Name	String, Length 15	-	Required	-
Prefix	String, Length 15	-	Required	
Suffix	String, Length 15	-	Required	-
Choice Block END				
COA Name Block END				
Keyline From EDoc	String	-	Required	-
Old Address Block **Old and New Address Block has same structure as outlined below in 'Old/New Address Block'**			Required	
New Address Block **Old and New Address Block has same structure as outlined below in 'Old/New Address Block'**			Required	
Old/New Address Block BEGIN				
Address Type	String	-	Required	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
Urbanization Name	String	-	Required	-
Primary Number	String, Length 10	-	Required	-
Pre Directional	String, Length 2	-	Required	-
Street Name	String, Length 28	-	Required	-
Street Suffix	String, Length 4	-	Required	-
Post Directional	String, Length 2	-	Required	-
Unit Designator	String, Length 4	-	Required	-
Secondary Number	String, Length 10	-	Required	-
City	String, Length 28	-	Required	-
State	String, Length 2	-	Required	-
ZipCode	String, Length 5	-	Required	-
ZipCode Plus4	String, Length 4	-	Optional	-
Old/New Address Block END				
Private Mailbox	String, Length 37		Required	-
Class Notification Type	String	'A' = Package Services (Bound Printed Matter) 'B' = First-Class 'C' = Periodicals Initial 'D' = Standard Mail 'F' = Periodicals Follow-up	Required	-
Fee Notification	Boolean	Yes/No	Required	-
Return Info Block BEGIN				
Return Code	Non Negative Integer – Length 4	-	Optional	
Return Description	String, Length 260	-	Required	
Return Info Block END				

Field	Format	Acceptable Values	Business Rules	Errata Identified
FullService Address Correction Block END				
Query Result Block END				
Query Error Block BEGIN				
MessageID	String, 20	-	Optional	75 – *See Appendix D*
Return Info Block BEGIN				
Return Code	Non Negative Integer – Length 4	-	Optional	
Return Description	String, Length 260	-	Required	
Return Info Block END				
Query Error Block END				

Full Service ACS™ Nixie:

- FullServiceNixieDetailQueryRequest

  With each FullServiceNixieDetailQueryRequest message, the customer needs to provide information for all required blocks.

  1. SubmittingParty – The *PostalOne!* system for all data distribution for full-service messages, i.e., non-FAST, non-eDoc messages, will only accept a MID or a CRID as a valid id.
  2. SubmittingSoftware – The *PostalOne!* system for messages that it receives for the Mail.XML will always require
     a. A valid software name in the SoftwareName element
     b. A valid software vendor company name in the vendor element
     c. The most current version number of the software in the Version element
     d. A valid Approval Date and a valid Approval Key in the ApprovalDate and ApprovalKey elements. The approval date is the date when the USPS approved the software usage in the USPS production environment and a valid Approval Key is what the USPS provided to the Software Vendor or Mailer (who may have developed their own software) as authorization to use in all messages.
  3. The RequestorCRID can be used to identify the requestor through the company CRID.
  4. The customer can also provide the 6-digit or 9-digit OriginalMailerID.
  5. The customer shall also provide one or more PieceRequests with piece ranges, class, date range and job information.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified

Field	Format	Acceptable Values	Business Rules	Errata Identified
Submitting Party Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	
Submitting Software Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	-
MessageID	String, 20	-	Optional	75 – *See Appendix D*
Requester CRID	String, 1-10 length	-	Optional	-
Choice Block BEGIN				76 – *See Appendix D*
OriginalMailerID6	String, 6		Required	76 – *See Appendix D*
OriginalMailerID9	String, 9		Required	76 – *See Appendix D*
Choice Block END				76 – *See Appendix D*
Option Block BEGIN	-	-	-	-
MailerID6	String, 6	-	Optional	-
MailerID9	String, 9	-	Optional	-
Option Block END				
Piece Request Block BEGIN				
Mail Class	String	-	Optional	73 – *See Appendix D*
Option Block BEGIN				
Lower IMB Range	String, 20-34 Length	-	Required when Option block is used	-
Upper IMB Range	String, 20-34 Length	-	Required when Option block is used	-
Option Block END				
Option Block Begin				
User License Code	String		Required when 8-02 version is used	-
Maildat Job ID	String	-	Required when 8-02 version is used	-
Customer Group ID	String, 25 character	-	Required when MailXML version is used	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
Mailing Group ID	Non Negative Integer	-	Required when MailXML is used	-
Option Block End				
Date Range Block BEGIN				
Lower Date Range	Date	-	Required	-
Upper Date Range	Date	-	Required	-
Date Range Block END				

- FullServiceNixieDetailQueryResponse

  With each FullServiceNixieDetailQueryResponse message, the *PostalOne!* system will provide the

  1. Mandatory LargeTransactionDividerGroupType. This type is created to allow breaking up of any large data into multiple transactions, with Feet Ahead concept, where the sender of the large data is providing information about how many total transactions and records to expect, and what is the current transaction number among the total expected transactions etc. as part of this one business transaction.
     a. MessageGroupID – It is a Sequence Number and will remain the same until all the transactions are completed, e.g., MessageGroupID is 10 and until the last transaction is received on this business transaction, the MessageGroupID will remain 10 for all transactions, so the receiver knows that all the transactions with MessageGroupID 10 are one business transaction.
     b. TotalMessageCount - This element tells the receiver that for MessageGroupID of 10 expect a total of X transactions, the X is a positive integer.
     c. MessageSerialNumber – Is a serial number that will always start with 1 for every MessageGroupID, so the receiver always know if this is the 1st, 2nd, 3rd transaction from the TotalMessageCount and for the same MessageGroupID.
     d. TransmittedRecordCount – is count of records in the current message transaction.
     e. TotalRecordsAccrossMessages – This is the total expected record count when the receiver of the MessageGroupID has received all messages LastMessage – is an optional Yes or No indicator confirming for the receiver that this transaction is the last transaction of the MessageGroupID e.g., MessageGroupID 10.

  The FullServiceNixieDetailResponse has two major choice blocks one is QueryResults and the other is QueryErrors.

- In QueryResults,
  - The customer will receive zero or more FullServiceNixieDetail blocks with job info, original MID information and Nixie address information.
  - The customer may also optionally receive Return Codes and Descriptions as part of the Query Results.
- The QueryError Block provides zero or more return codes and descriptions to communicate any issues with the response of the query.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
Large Transaction Divider Block BEGIN	-	-	Attribute	
Message Group ID	String, Length 20	-	Optional	-
Total Message Count	Positive Integer	-	Optional	-
Message Serial Number	Positive Integer	-	Optional	-
Transmitted Record Count	Positive Integer	-	Optional	-
Total Records Across Message	Positive Integer	-	Optional	-
Last Message	Boolean	Yes/No	Optional	-
Large Transaction Divider Block END				
Query Result Block BEGIN				
MessageID	String, 20	-	Optional	75 – *See Appendix D*
Large Transaction Divider Result Block BEGIN			Optional Block	
Tracking ID	String 12	-	Required when ths block data is provided	
Large Transaction Divider Result Block END				
User License Code	String		Required when 8-02 version is used	87 – *See Appendix D*
Maildat Job ID	String	-	Required when 8-02 version is used	87 – *See Appendix D*
Customer Group ID	String, 25 character	-	Required when MailXML version is used	87 – *See Appendix D*
Mailing Group ID	Non Negative Integer	-	Required when MailXML is used	87 – *See Appendix D*
Full Service Nixie Detail Block BEGINS				
~~User License Code~~	~~String~~	-	~~Required when 8-02 version is used~~	87 – *See Appendix D*
~~Maildat Job ID~~	~~String~~	~~-~~	~~Required when 8-02 version is used~~	87 – *See Appendix D*
~~Customer Group ID~~	~~String, 25 character~~	~~-~~	~~Required when MailXML version is used~~	87 – *See Appendix D*
~~Mailing Group ID~~	~~Non Negative Integer~~	~~-~~	~~Required when MailXML is used~~	87 – *See Appendix D*

Field	Format	Acceptable Values	Business Rules	Errata Identified
Original Mailer ID 6	String, Length 6	-	Required. CHOICE between this field and Original Mailer ID 9	-
Original Mailer ID 9	String, Length 9	-	Required. CHOICE between this field and Original Mailer ID 6	-
Original IMB	String, Min Length 20 and Max Length 34	-	Required	-
FullServiceComplianceIndicator	String	1. F" 2. " " (BLANK)	Optional	85 – *See Appendix D*
FullServiceNonComplianceReasonCode	String	1. A 2. B 3. D 4. E 5. I 6. L 7. M 8. N 9. P 10. Q 11. R 12. S 13. U 14. V 15. X	Optional	85 – *See Appendix D*
Record Creation Date	Date	-	Required	-
Action Code	String	'F' = Forwarded 'W' = Wasted 'R' = Returned 'U' = Unable to determine action	Required	-
Parsed Address On Piece	String	-	Required	-
On Piece CityStateZip	String	-	Required	-
Returned To Address	String	-	Required	
Returned to CityStateZip	String	-	Required	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
Reason Code	String	'A' = Attempted, not known 'B' = Returned for better address 'D' = Outside delivery limits 'E' = In dispute 'I' = Insufficient Address 'L' = Illegible 'M' = No mail receptacle 'N' = No such number 'P' = Deceased 'Q' = Not deliverable as addressed/unable to forward 'R' = Refused 'S' = No such street 'U' = Unclaimed 'V' = Vacant 'X' = No such office	Required	-
Keyline From EDoc	String	-	Required	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
Class Notification Type	String	'A' = Package Services (Bound Printed Matter) 'B' = First-Class 'C' = Periodicals Initial 'D' = Standard Mail 'F' = Periodicals Follow-up	Required	-
Fee Notification	Boolean	Yes/No	Required	-
Return Info Block BEGIN				
Return Code	Non Negative Integer – Length 4	-	Optional	
Return Description	String, Length 260	-	Required	
Return Info Block END				
FullService Nixie Detail Block END				
Query Result Block END				
Query Error Block BEGIN				
MessageID	String, 20	-	Optional	75 – *See Appendix D*
Return Info Block BEGIN				
Return Code	Non Negative Integer – Length 4	-	Optional	
Return Description	String, Length 260	-	Required	
Return Info Block END				
Query Error Block END				

Cast Of Characters Messages for Release 1 of Full-Service Implementation:

CastOfCharacters:

The Cast Of Characters messages are used to distribute data to a third party by a Mail Preparer or Mail Owner. All of the full-service data for StartTheClock, Container Scans, ACS COA, ACS Nixie, and Confirm can be diverted to another party, if that third party is pre-identified in the *PostalOne!* 'Dynamic' profile.

- **CastOfCharactersCreateRequest**

With each CastOfCharactersCreateRequest message, the customer needs to provide information for all required blocks.

1. The customer must provide an internal Tracking ID in the header attribute of OriginalSenderMsgID
2. SubmittingParty – The *PostalOne!* system for all data distribution for full-service messages, i.e., non-FAST, non-eDoc messages, will only accept a MID or a CRID as a valid id.
3. SubmittingSoftware – The *PostalOne!* system for messages that it receives for the Mail.XML will always require
   a. A valid software name in the SoftwareName element
   b. A valid software vendor company name in the vendor element
   c. The most current version number of the software in the Version element
   d. A valid Approval Date and a valid Approval Key in the ApprovalDate and ApprovalKey elements. The approval date is the date when the USPS approved the software usage in the USPS production environment and a valid Approval Key is what the USPS provided to the Software Vendor or Mailer (who may have developed their own software) as authorization to use in all messages.
4. The customer must provide one or more MailPieceGroup blocks on the type of data that needs to be distributed.
5. The customer may provide one or more MailPieceGroup blocks and either provide the IMB information or provide the IMB lowest or highest ID block information.
6. The customer must identify the business entity who is to receive the data in the Participant block by only using the MID of the participant.
7. The customer must identify the role in the Role element type to define what type of data should be sent to the participant. Valid data types are ACS subscriber, ACS Data Receiver, Confirm Subscriber, Confirm Data Receiver, ContainerVisibility, and StartTheClock.
8. The customer must identify the date on which the Cast Of Characters direction to distribute data to third party becomes active and valid.
9. The customer may provide an optional EffectiveEndDate, duration, or DurationUnitOfMeasure.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
Cast of Character Header Info			Attribute	
Original Sender Msg ID	String, 12	-	-	-
Submitting Party Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	
Submitting Software Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
Choice Block BEGIN			Choice is to either provide the MailPiece Group or Container Group block info	
MailPieceGroup Block BEGIN			Customer can send 1 to many MailPiece Group block data	
Sender Mail Piece Group ID	String, 12	-	-	-
Receiver Mail Piece Group ID	String, 12	-	-	-
MailPIeceGroup Block END				
Container Group Block BEGIN			Customer can send 1 to many Container Group block data	
Sender Container Group ID	String, 12	-	-	-
Receiver Container Group ID	String, 12	-	-	-
Container Group Block END				
Choice Block END				
Participant Block BEGIN				
MailerID6	String, 6	Numeric	Optional	-
MailerID9	String, 9	Numeric	Optional	-
CRID	String, 1-10 length	-	Optional	-
Scheduler ID	String, 12	-	Optional	-
Maildat User License	String, 1-4 length	-	Optional	-
Participant Block END				
Role	String	-	Required	-
DataUpdater	String	-	Required	101 – See Appendix D
Effective Date	Date	-	Optional	-
~~Choice Block BEGIN~~			~~Either provide Expiration Date OR provide both Duration and DurationUnit of Measure~~	101 – See Appendix D
Expiration Date	Date	-	Required	-
~~Duration~~	~~Non-negative Integer~~	~~-~~	~~Required~~	101 – See Appendix D

Field	Format	Acceptable Values	Business Rules	Errata Identified
~~DurationUnitofMeasure~~	~~String~~	~~-~~	~~Required~~	101 – See Appendix D
Choice Block END				101 – See Appendix D

- **CastOfCharactersCreateResponse**

  With each CastOfCharactersCreateResponse message, the *PostalOne!* system will provide the Mandatory OriginalSenderMsgID and the ReceiverMessageID.

- CastOfCharactersCreateAccept or CastOfCharactersReject blocks.

  1. In CastOfCharactersCreateAccept block, the customer will receive confirmation group ids for the MailPieceGroup with a return code and description. The return Codes and descriptions will be provided by the USPS based upon the schedule made available in the External Timeline for IM implementation document.
  2. In CastOfCharactersCreateReject block,
     a. The customer will receive the return Codes and descriptions, which will be provided by the USPS in the Timeline for IM implementation document.
     b. With the return Code and descriptions, the USPS may provide the details back to the customer on the piece or Container data provided to USPS, which was rejected.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
Cast of Character Response Header Info			Attribute	
Original Sender Msg ID	String, 12	-	-	-
Receiver Msg ID	String, 12	-	-	-
Choice Block BEGIN	-	-	Response message either returns the data cast of character accept block or reject block	-
CastofCharacterCreateAccept Block BEGIN				
Choice Block BEGIN			Choice is to either to return the MailPiece Group or Container Group block data	

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailPieceGroup Block BEGIN			System can return 1 to many MailPiece Group block data	
Sender Mail Piece Group ID	String, 12	-	Required	-
Receiver Mail Piece Group ID	String, 12	-	Required	-
MailPIeceGroup Block END				
Container Group Block BEGIN			system can return 1 to many Container Group block data	
Sender Container Group ID	String, 12	-	Required	-
Receiver Container Group ID	String, 12	-	Optional	-
Container Group Block END				
Choice Block END				
Return Info Block BEGIN				
Return Code	String, 4	Numeric	Optional	-
Return Description	String, 260	-	Required	-
Return Info Block END				
Participant	String		Required	101 – See Appendix D
Role	String		Required	101 – See Appendix D
DataUpdater	String		Required. Create new type 'DataUpdater' for this element	101 – See Appendix D
CastofCharacterCreateAccept Block END				
CastofCharacterCreateReject Block BEGIN			This message block is returned when the CoC request has been rejected	
OriginalInformation Block BEGIN			Optional Block. System can return Mail Piece Group Block Data or Container Group Block Data or BOTH	
Choice Block BEGIN (Main)				

Field	Format	Acceptable Values	Business Rules	Errata Identified
MailPieceGroupID	String		Required. System can only return this field or every other element listed in this choice block	-
MailPieceGroup Block BEGIN				
SenderMailPieceGroupID	String, 12	-	Required	-
ReceiverMailPieceGroupID	String, 12	-	Optional	-
Choice Block BEGIN			Choice is to either provide MailPieceID Block data or provide data for both LowestMail PieceID and HighestMail PieceID block data The data structure is same for all of these block hence explained only once below	
MailPieceIDBlock/ LowestMailPieceID and HighestMailPieceID data structure BEGIN			Structure is same for all of these blocks	
Choice Block BEGIN			Choice is to either provide one of the following set: 1. IMB Block Data 3. 2. Planet Code OR Delivery PointZip 4. 5. 3. Delivery Container ID and Delivery Point Zip 6.	
IMB Block BEGIN				

Field	Format	Acceptable Values	Business Rules	Errata Identified
BarcodeID	String, 2	Numeric	Optional	-
Choice Block BEGIN			Choice to provide Service TypeCode OR MailClass	-
Service Type Code	String, 3	Numeric	Required	-
MailClass	String	1,2,3,4,6	Required	-
Choice Block END				
Choice Block BEGIN				
MailerID6	String, 6	Numeric	Required with SerialNumber9	
SerialNumber9	String, 9	Numeric	Required with MailerID6	
MailerID9	String, 9	Numeric	Required with SerialNumber6	
SerialNumber6	String, 6	Numeric	Required with MailerID9	
Choice Block END				
DeliverPointZip	String, 11	-	Optional	-
IMB Block END				
Planet Code/Delivery Point Zip Block BEGIN				
Planet Code	String, Min Length 11 and Max Length 13	-	Optional	-
DeliveryPointZip	String, 11	-	Required	-
Planet Code/Delivery Point Zip Block END				
Delivery Container ID/ Delivery Point Zip Block BEGIN				
DeliveryContainerID	String, 22	Numeric	Required	-
DeliverPointZip	String, 11	-	Required	
Delivery Container ID/ Delivery Zip Point Block END				
Choice Block END				
MailPieceIDBlock/ LowestMailPieceID and HighestMailPieceID data structure END				
Choice Block END				
MailPieceGroup Block END				
Participant Block BEGIN				
MailerID6	String, 6	Numeric	Optional	-
MailerID9	String, 9	Numeric	Optional	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
CRID	String, 1-10 length	-	Optional	-
Scheduler ID	String, 12	-	Optional	-
Maildat User License	String, 1-4 length	-	Optional	-
Participant Block END				
RoleType	String	-	Required	-
Effective Date	Date	-	Optional	-
Choice Block BEGIN			Either provide Expiration Date OR provide both Duration and DurationUnit of Measure	-
Expiration Date	Date	-	Required	-
Duration	Non-negative Integer	-	Required	-
DurationUnitofMeasure	String	-	Required	-
Choice Block END				
ContainerGroupID	String,12	-	Required	-
ContainerGroup Block BEGIN			Required block when Container Group ID is not provided	
SenderContainerGroupID	String, 12	-	Required	-
ReceiverContainerGroupID	String, 12	-	Optional	-
Choice Block BEGIN			Choice is to provide one of the following: 1 Matdat Container Block 2 MailXML Container Block 3 Container Barcode	
Choice Block END				
ContainerGroup Block END				
Participant Block BEGIN				
MailerID6	String, 6	Numeric	Optional	-
MailerID9	String, 9	Numeric	Optional	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
CRID	String, 1-10 length	-	Optional	-
Scheduler ID	String, 12	-	Optional	-
Maildat User License	String, 1-4 length	-	Optional	-
Participant Block END				
RoleType	String	-	Required	-
Effective Date	Date	-	Optional	-
Choice Block BEGIN			Either provide Expiration Date OR provide both Duration and DurationUnit of Measure	-
Expiration Date	Date	-	Required	-
Duration	Non-negative Integer	-	Required	-
DurationUnitofMeasure	String	-	Required	-
Choice Block END				
Choice Block END (Main)				
Return Info Block BEGIN				
Return Code	Non Negative Integer – Length 4	-	Optional	
Return Description	String, Length 260	-	Required	
Return Info Block END				

- CastOfCharactersCancelRequest

  The CastOfCharactersCancelRequest can be used to cancel one or more records that the customer previously sent to the USPS. The following fields can be used to cancel all or some of the records.

  The customer can provide the following information in blocks.

  1. The customer must provide an internal Tracking ID in the header attribute of OriginalSenderMsgID
  2. SubmittingParty – The *PostalOne!* system for all data distribution for full-service messages, i.e., non-FAST, non-eDoc messages, will only accept a MID or a CRID as a valid id.
  3. SubmittingSoftware – The *PostalOne!* system for messages that it receives for the Mail.XML will always require
     - A valid software name in the SoftwareName element
     - A valid software vendor company name in the vendor element
     - The most current version number of the software in the Version element

- A valid Approval Date and a valid Approval Key in the ApprovalDate and ApprovalKey elements. The approval date is the date when the USPS approved the software usage in the USPS production environment and a valid Approval Key is what the USPS provided to the Software Vendor or Mailer (who may have developed their own software) as authorization to use in all messages.

4. The customer can provide optional one or more MailPieceGroup blocks on the type of data that needs to be distributed.
5. The customer may provide one or more MailPieceGroup blocks and provide highest ID block information.
6. The customer may identify the business entity who is to receive the data in the Participant block by only using the MID of the participant.
7. The customer may identify the role in the Role element type to define what type of data should be sent to the participant. Valid data types are ACS subscriber, ACS Data Receiver, Confirm Subscriber, Confirm Data Receiver, ContainerVisibility, and StartTheClock.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
Cast of Character Request Header Info			attribute	
Original Sender Msg ID	String, 12	-	-	-
Submitting Party Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	
Submitting Software Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	-
Choice Block BEGIN			Choice is to either provide the MailPiece Group or Container Group block info	
MailPieceGroup Block BEGIN			Customer can send 1 to many MailPiece Group block data	
Sender Mail Piece Group ID	String, 12	-	Required	-
Receiver Mail Piece Group ID	String, 12	-	Required	-
MailPIeceGroup Block END				

Field	Format	Acceptable Values	Business Rules	Errata Identified
Container Group Block BEGIN			Customer can send 1 to many Container Group block data	
Sender Container Group ID	String, 12	-	-	-
Receiver Container Group ID	String, 12	-	-	-
Container Group Block END				
Choice Block END				
Participant Block BEGIN				
MailerID6	String, 6	Numeric	Optional	-
MailerID9	String, 9	Numeric	Optional	-
CRID	String, 1-10 length	-	Optional	-
Scheduler ID	String, 12	-	Optional	-
Maildat User License	String, 1-4 length	-	Optional	-
Participant Block END				
Role	String	-	Required	-
DataUpdater	String	-	Required	101 – See Appendix D
Return Info Block BEGIN				
Return Code	Non Negative Integer – Length 4	-	Optional	
Return Description	String, Length 260	-	Required	
Return Info Block END				

- CastOfCharactersCancelResponse

  With each CastOfCharactersCancelResponse message, the *PostalOne!* System will provide the Mandatory OriginalSenderMsgID and the ReceiverMessageID.

  1. CastOfCharactersCancelAccept or CastOfCharactersCancelReject blocks.
     a. In CastOfCharactersCancelAccept block, the customer will receive confirmation group ids for the MailPieceGroup or for the ContainerGroup Blocks
     b. The received participant block by using the MID of the participant will be provided.
     c. Cancel Confirmation ID number will be provided.
     d. Return info block with be return code and description. The return Codes and descriptions will be provided by the USPS based upon the schedule made available in the External Timeline for IM implementation document.
     e. In CastOfCharactersCancelReject block,
        - The customer will receive the return Codes and descriptions, which will be provided by the USPS in the Timeline for IM implementation document.
        - With the return Code and descriptions, the USPS may provide the details back to the customer on the piece or Container data provided to USPS, which was rejected.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
CastofCharacterCancelAccept Block BEGIN				
Choice Block BEGIN			Choice is to either to return the MailPiece Group or Container Group block data	
MailPieceGroup Block BEGIN			System can return 1 to many MailPiece Group block data	
Sender Mail Piece Group ID	String, 12	-	Required	-
Receiver Mail Piece Group ID	String, 12	-	Required	-
MailPIeceGroup Block END				
Container Group Block BEGIN			system can return 1 to many Container Group block data	
Sender Container Group ID	String, 12	-	Required	-
Receiver Container Group ID	String, 12	-	Optional	-
Container Group Block END				
Choice Block END				
Participant Block BEGIN				
MailerID6	String, 6	Numeric	Optional	-
MailerID9	String, 9	Numeric	Optional	-
CRID	String, 1-10 length	-	Optional	-
Scheduler ID	String, 12	-	Optional	-
Maildat User License	String, 1-4 length	-	Optional	-
Participant Block END				
Role	String	-	Required	-
DataUpdater	String	-	Required	101 – See Appendix D
CancelConfirmID	String, 12	-	Required	-
CastofCharacterCancelAccept Block END				
CastofCharacterCancelReject Block BEGIN				
OriginalSenderMsgID	String, 12	-	Required	-
ReceiverMsgID	String, 12	-	Required	-
Return Info Block BEGIN				

Field	Format	Acceptable Values	Business Rules	Errata Identified
Return Code	Non Negative Integer – Length 4	-	Optional	
Return Description	String, Length 260	-	Required	
Return Info Block END				
CastofCharacterCancelReject Block END				

- CastOfCharactersUpdateRequest

  The CastOfCharactersUpdateRequest can be used to update one or more records that the customer previously sent to the USPS. The Cast of Characters update request is used to modify existing data recipient information – Roles, EffectiveDate, Expiration date, Duration, Duration Unit, and MailPieceGroupID.

  The following message fields can be used to update all or some of the records:

  1. The customer must provide an internal Tracking ID in the header attribute of OriginalSenderMsgID
  2. SubmittingParty – The *PostalOne!* System for all data distribution for full-service messages, i.e., non-FAST, non-eDoc messages, will only accept a MID or a CRID as a valid id.
  3. SubmittingSoftware – The *PostalOne!* System for messages that it receives for the Mail.XML will always require
     - A valid software name in the SoftwareName element
     - A valid software vendor company name in the vendor element
     - The most current version number of the software in the Version element
     - A valid Approval Date and a valid Approval Key in the ApprovalDate and ApprovalKey elements. The approval date is the date when the USPS approved the software usage in the USPS production environment and a valid Approval Key is what the USPS provided to the Software Vendor or Mailer (who may have developed their own software) as authorization to use in all messages.
  4. The customer must provide one or more MailPieceGroup blocks on the type of data that needs to be distributed.
  5. The customer may provide one or more MailPieceGroup blocks and either provide the IMB information or provide the IMB lowest or highest ID block information.
  6. The customer may identify the business entity who is to receive the data in the Participant block by only using the MID of the participant.
  7. The customer may identify the role in the Role element type to define what type of data should be sent to the participant. Valid data types are ACS subscriber, ACS Data Receiver, Confirm Subscriber, Confirm Data Receiver, ContainerVisibility, and StartTheClock.
  8. The customer may identify the date on which the Cast Of Characters direction to distribute data to third party becomes active and valid.

9. The customer may provide an optional EffectiveEndDate, duration, or DurationUnitOfMeasure.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
Cast of Character Request Header Info			attribute	
Original Sender Msg ID	String, 12	-	-	-
Submitting Party Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	
Submitting Software Block	See Section 3.2	-	Required. Refer Section 3.2 for complete structure of the block	-
Choice Block BEGIN			Choice is to either provide the MailPiece Group or Container Group block info	
MailPieceGroup Block BEGIN			Customer can send 1 to many MailPiece Group block data	
Sender Mail Piece Group ID	String, 12	-	-	-
Receiver Mail Piece Group ID	String, 12	-	-	-
MailPIeceGroup Block END				
Container Group Block BEGIN			Customer can send 1 to many Container Group block data	
Sender Container Group ID	String, 12	-	-	-
Receiver Container Group ID	String, 12	-	-	-
Container Group Block END				
Choice Block END				
Participant Block BEGIN				
MailerID6	String, 6	Numeric	Optional	-
MailerID9	String, 9	Numeric	Optional	-
CRID	String, 1-10 length	-	Optional	-

Field	Format	Acceptable Values	Business Rules	Errata Identified
Scheduler ID	String, 12	-	Optional	-
Maildat User License	String, 1-4 length	-	Optional	-
Participant Block END				
Role	String	-	Required	-
DataUpdater	String	-	Required	101 – See Appendix D
Effective Date	Date	-	Optional	-
~~Choice Block BEGIN~~			~~Either provide Expiration Date OR provide both Duration and DurationUnit of Measure~~	101 – See Appendix D
Expiration Date	Date	-	Required	101 – See Appendix D
~~Duration~~	~~Non-negative Integer~~	~~-~~	~~Required~~	101 – See Appendix D
~~DurationUnitofMeasure~~	~~String~~	~~-~~	~~Required~~	101 – See Appendix D
~~Choice Block END~~				

- CastOfCharactersUpdateResponse

  With each CastOfCharactersUpdateResponse message, the *PostalOne!* system will provide the Mandatory OriginalSenderMsgID and the ReceiverMessageID.

  For the CastOfCharactersUpdateAccept or CastOfCharactersUpdateReject blocks:

  1. In CastOfCharactersUpdateAccept block, the customer will receive confirmation group ids for the MailPieceGroup Blocks
  2. The received participant block by using the MID of the participant will be provided.
  3. Return info block with be return code and description. The return Codes and descriptions will be provided by the USPS based upon the schedule made available in the External Timeline for IM implementation document.
  4. In CastOfCharactersUpdateReject block,
     - The customer will receive the return Codes and descriptions, which will be provided by the USPS in the Timeline for IM implementation document.
     - With the return Code and descriptions, the USPS may provide the details back to the customer on the piece or Container data provided to USPS, which was rejected.

Field Description

Field	Format	Acceptable Values	Business Rules	Errata Identified
CastofCharacterUpdateAccept Block BEGIN				

Field	Format	Acceptable Values	Business Rules	Errata Identified
OriginalSenderMsgID	String, 12	-	Required	
ReceiverMsgID	String, 12	-	Required	
Choice Block BEGIN			Choice is to either to return the MailPiece Group or Container Group block data	
MailPieceGroup Block BEGIN			System can return 1 to many MailPiece Group block data	
Sender Mail Piece Group ID	String, 12	-	Required	-
Receiver Mail Piece Group ID	String, 12	-	Required	-
MailPIeceGroup Block END				
Container Group Block BEGIN			system can return 1 to many Container Group block data	
Sender Container Group ID	String, 12	-	Required	-
Receiver Container Group ID	String, 12	-	Optional	-
Container Group Block END				
Choice Block END				
Return Info Block BEGIN				
Return Code	Non Negative Integer – Length 4	-	Optional	
Return Description	String, Length 260	-	Required	
Return Info Block END				
CastofCharacterUpdateAccept Block END				
CastofCharacterUpdateReject Block BEGIN				
OriginalSenderMsgID	String, 12	-	Required	-
ReceiverMsgID	String, 12	-	Required	-
Choice Block BEGIN			Choice is to either to return the MailPiece Group or Container Group block data	
MailPieceGroup Block BEGIN			System can return 1 to many MailPiece Group block data	

Field	Format	Acceptable Values	Business Rules	Errata Identified
Sender Mail Piece Group ID	String, 12	-	Required	-
Receiver Mail Piece Group ID	String, 12	-	Required	-
MailPIeceGroup Block END				
Container Group Block BEGIN			system can return 1 to many Container Group block data	
Sender Container Group ID	String, 12	-	Required	-
Receiver Container Group ID	String, 12	-	Optional	-
Container Group Block END				
Choice Block END				
Return Info Block BEGIN				
Return Code	Non Negative Integer – Length 4	-	Optional	
Return Description	String, Length 260	-	Required	
Return Info Block END				
CastofCharacterCancelReject Block END				

4.11 Release 2 Messages Business Rules

Following is the list of Release 2 messages that are defined below in detail:

Push Messages	Pull Messages
Full Service eDoc Data Quality Verification Notification	Full Service eDoc Data Quality Verification Query Request
Full Service eDoc Data Quality Verification Delivery	Full Service eDoc Data Quality Verification Query Response

The above message set will support the following reports in November where the business rules are the same as other Data distribution messages, you need to know the Job or mailing ionfo for queries, see errata 73 through 88 in Appendix D for changes to the messages.

Data Quality Reports
Appointment Conflict
By For Conflict
CSA Conflict
Service Type Code Conflict
Unique Container Barcode Conflict
Unique Handling Unit Barcode Conflict
Unique Piece Barcode Conflict
MID Conflict

4.12 Data Structures

The data structure for all of the Full Service eDoc Data Verification report messages are as follows:

FullServiceeDocDataQualityVerificationReportNotification

Field	Format	Acceptable Value	Business Rules	Errata Identified
SubmittingParty	mailxml:participantIDType		Refer section 3.2 for details on submitting party	
SubmittingSoftware	mailxml:submittingSoftwareType		Refer section 3.2 for details on submitting party	
Choice Block BEGINS				
UserLicenseCode	mailxml_base:userLicenseCodeType		Required	
MaildatJobID	mailxml_base:jobIDType		Required	
OR				
CustomerGroupID	mailxml_base:s25		Optional	
MailingGroupID	xs:nonNegativeInteger		Required	
Choice Block END				
MailFacilityID	mailxml_base:CRIDType		Optional	
VerificationReportType	mailxml_base:verificationReportType	1 to many	Required	
NotificationDate	xs:date		Required	

FullServiceeDocDataQualityVerificationReportDelivery

Field	Format	Acceptable Value	Business Rules
SubmittingParty	mailxml:participantIDType		Refer section 3.2 for details on submitting party

Field	Format	Acceptable Value	Business Rules
SubmittingSoftware	mailxml:submittingSoftwareType		Refer section 3.2 for details on submitting party
Choice Block BEGINS			
UserLicenseCode	mailxml_base:userLicenseCodeType		Required
MaildatJobID	mailxml_base:jobIDType		Required
OR			
CustomerGroupID	mailxml_base:s25		Optional
MailingGroupID	xs:nonNegativeInteger		Required
Choice Block END			
MailFacilityID	mailxml_base:CRIDType, string 15		Required
TotalJobContainerCount	xs:nonNegativeInteger		Optional
TotalJobHandlingUnitCount	xs:nonNegativeInteger		Optional
TotalJobPieceCount	xs:nonNegativeInteger		Optional
TotalJobContainerHUErrorCount	xs:nonNegativeInteger		Optional
TotalJobPieceErrorCount	xs:nonNegativeInteger		Optional
Sequence BEGIN			0 to many
PreparerCRID	mailxml_base:CRIDType		Required
TotalPreparerContainerCount	xs:nonNegativeInteger		Required
TotalPreparerHandlingUnitCount	xs:nonNegativeInteger		Required
TotalPreparerPieceCount	xs:nonNegativeInteger		Required
TotalPreparerContainerHUErrorCount	xs:nonNegativeInteger		Required
TotalPreparerPieceErrorCount	xs:nonNegativeInteger		Required
Sequence END			
Sequence BEGIN			0 to many
OwnerCRID	mailxml_base:CRIDType		Required
TotalOwnerContainerCount	xs:nonNegativeInteger		Required
TotalOwnerHandlingUnitCount	xs:nonNegativeInteger		Required
TotalOwnerPieceCount	xs:nonNegativeInteger		Required

Field	Format	Acceptable Value	Business Rules
TotalOwnerContainerHUErrorCount	xs:nonNegativeInteger		Required
TotalOwnerPieceErrorCount	xs:nonNegativeInteger		Required
Sequence END			Required
Sequence BEGIN			1 to many
VerificationReportType	mailxml_base:verificationReportType	1. CSA Verification 2. Container Barcode Verification 3. Handling Unit BarcodeVerification 4. ByFor Conflict Verification 5. ServiceType Verification 6. Appointment Verification 7. All	Required
FSDQRContainerInfo	mailxml:fsdqrContainerInfoType		Required
Sequence END			

mailxml:LargeTransactionDividerGroupOptionalType block BEGIN			
MessageGroupID	mailxml_base:s20		Optional
TotalMessageCount	xs:positiveInteger		Optional
MessageSerialNumber	xs:positiveInteger		Optional
TransmittedRecordCount	xs:positiveInteger		Optional
TotalRecordsAcrossMessages	xs:positiveInteger		Optional
LastMessage	mailxml_base:yesNo	Yes or No	No
mailxml:LargeTransactionDividerGroupOptionalType block END			

FSDQRContainerInfo BLOCK Data Structure

Field	Format	Acceptable Value	Business Rules	Errata Identifi

Field	Format	Acceptable Value	Business Rules	Errata Identifi
fsdqrConatinerInfo Block BEGIN				
ContainerID	mailxml_base:s06		Optional	
ParentContainerID	mailxml_base:s06		Optional	
ProcessingCategory	mailxml_base:processingCategoryType	LT, FL, CD, OS, MP, etc	Required	
MailClass	mailxml_base:mailClassType	1, 2, 3, 4, 6	Required	
USPSInductionFacilityLocaleKey	mailxml_base:localeKeyType	String of 9 is allowed	Optional	
MailingDate	xs:dateTime		Required	
ContainerType	mailxml_base:containerType		Required	
IMCB	mailxml_base:IMCBType	Either 24 characters or 21 characters	Optional	
IMTB	mailxml_base:s25		Optional	
CSAID	mailxml_base:s10		Optional	
ConsigneeAppointmentID	mailxml_base:s12		Optional	
VerificationError	mailxml:verificationErrorType		Optional	Refer FSDQRContai data structure
Sequence BEGIN				
PreparerCRID	mailxml_base:CRIDType		Optional	
OwnerCRID	mailxml_base:CRIDType		Optional	
Sequence END				
Choice Block BEGIN		0 to many		
PieceInfo Block BEGIN		0 to many		
PhysicalPieceID	mailxml_base:s22		Required	
IMB	mailxml_base:iMBType	Either 34 characters or 20 characters	Required	
OwnerCRID	mailxml_base:CRIDType	Length 15	Required	
PreparerCRID	mailxml_base:CRIDType	Length 15	Required	
VerificationError	mailxml:verificationErrorType	1 to many	Required	Refer FSDQRContai data structure
PieceInfo Block END				
OR				
PieceRangeInfo Block BEGIN				

Field	Format	Acceptable Value	Business Rules	Errata Identifi
PieceRangeID	mailxml_base:s07		optional	
IMBUpperSerialization	mailxml_base:iMBUpperSerializationType	String Length of 18	Required	
IMBLowerSerialization	mailxml_base:iMBLowerSerializationType	String Length of 18	Required	
MailClass	mailxml_base:mailClassType		Required	
OwnerCRID	mailxml_base:CRIDType		Required	
PreparerCRID	mailxml_base:CRIDType		Required	
VerificationError	mailxml:verificationErrorType	1 to many	Required	Refer FSDQRContai data structure
PieceRangeInfo Block END				
Choice Block END				

VerificationError Block Data Structure

Field	Format	Acceptable Value	Business Rules	Errata Identified
VerificationError Block BEGIN				
VerificationErrorCode	mailxml_base:ns04			
VerificationErrorDescription	mailxml_base:s260		Optional	
VerificationError Block END				

FullServiceeDocDataQualityVerificationReportQueryRequest

Field	Format	Acceptable Value	Business Rules	Errata Identified
SubmittingParty	mailxml:participantIDType		Refer section 3.2 for details on submitting party	
SubmittingSoftware	mailxml:submittingSoftwareType		Refer section 3.2 for details on submitting party	
Choice Block BEGINS				
UserLicenseCode	mailxml_base:userLicenseCodeType		Required	
MaildatJobID	mailxml_base:jobIDType		Required	
OR				
CustomerGroupID	mailxml_base:s25		Optional	
MailingGroupID	xs:nonNegativeInteger		Required	

Choice Block END				
MailFacilityID	mailxml_base:CRIDType		Optional	
VerificationReportType	mailxml_base:verificationReportType	1 to many	Required	

FullServiceeDocDataQualityVerificationReportQueryResponse

Field	Format	Acceptable Value	Business Rules
SubmittingParty	mailxml:participantIDType		Refer section 3.2 for details on submitting party
SubmittingSoftware	mailxml:submittingSoftwareType		Refer section 3.2 for details on submitting party
Choice Block BEGINS			
UserLicenseCode	mailxml_base:userLicenseCodeType		Required
MaildatJobID	mailxml_base:jobIDType		Required
OR			
CustomerGroupID	mailxml_base:s25		Optional
MailingGroupID	xs:nonNegativeInteger		Required
Choice Block END			
MailFacilityID	mailxml_base:CRIDType, string 15		Required
TotalJobContainerCount	xs:nonNegativeInteger		Optional
TotalJobHandlingUnitCount	xs:nonNegativeInteger		Optional
TotalJobPieceCount	xs:nonNegativeInteger		Optional
TotalJobContainerHUErrorCount	xs:nonNegativeInteger		Optional
TotalJobPieceErrorCount	xs:nonNegativeInteger		Optional
Sequence BEGIN			0 to many
PreparerCRID	mailxml_base:CRIDType		Required
TotalPreparerContainerCount	xs:nonNegativeInteger		Required
TotalPreparerHandlingUnitCount	xs:nonNegativeInteger		Required
TotalPreparerPieceCount	xs:nonNegativeInteger		Required
TotalPreparerContainerHUErrorCount	xs:nonNegativeInteger		Required

Field	Format	Acceptable Value	Business Rules
TotalPreparerPieceErrorCount	xs:nonNegativeInteger		Required
Sequence END			
Sequence BEGIN			0 to many
OwnerCRID	mailxml_base:CRIDType		Required
TotalOwnerContainerCount	xs:nonNegativeInteger		Required
TotalOwnerHandlingUnitCount	xs:nonNegativeInteger		Required
TotalOwnerPieceCount	xs:nonNegativeInteger		Required
TotalOwnerContainerHUErrorCount	xs:nonNegativeInteger		Required
TotalOwnerPieceErrorCount	xs:nonNegativeInteger		Required
Sequence END			Required
Sequence BEGIN			1 to many
VerificationReportType	mailxml_base:verificationReportType	1. CSA Verification 2. Container Barcode Verification 3. Handling Unit BarcodeVerification 4. ByFor Conflict Verification 5. ServiceType Verification 6. Appointment Verification 7. All	Required
FSDQRContainerInfo	mailxml:fsdqrContainerInfoType		Required
Sequence END			

mailxml:LargeTransactionDividerGroupOptionalType block BEGIN			
MessageGroupID	mailxml_base:s20		Optional
TotalMessageCount	xs:positiveInteger		Optional
MessageSerialNumber	xs:positiveInteger		Optional
TransmittedRecordCount	xs:positiveInteger		Optional

Field	Format	Acceptable Value	Business Rules
TotalRecordsAcrossMessages	xs:positiveInteger		Optional
LastMessage	mailxml_base:yesNo	Yes or No	No
mailxml:LargeTransactionDividerGroupOptionalType block END			

FSDQRContainerInfo BLOCK Data Structure

Field	Format	Acceptable Value	Business Rules	Errata Identifi
fsdqrConatinerInfo Block BEGIN				
ContainerID	mailxml_base:s06		Optional	
ParentContainerID	mailxml_base:s06		Optional	
ProcessingCategory	mailxml_base:processingCategoryType	LT, FL, CD, OS, MP, etc	Required	
MailClass	mailxml_base:mailClassType	1, 2, 3, 4, 6	Required	
USPSInductionFacilityLocaleKey	mailxml_base:localeKeyType	String of 9 is allowed	Optional	
MailingDate	xs:dateTime		Required	
ContainerType	mailxml_base:containerType		Required	
IMCB	mailxml_base:IMCBType	Either 24 characters or 21 characters	Optional	
IMTB	mailxml_base:s25		Optional	
CSAID	mailxml_base:s10		Optional	
ConsigneeAppointmentID	mailxml_base:s12		Optional	
VerificationError	mailxml:verificationErrorType		Optional	Refer FSDQRContai data structure
Sequence BEGIN				
PreparerCRID	mailxml_base:CRIDType		Optional	
OwnerCRID	mailxml_base:CRIDType		Optional	
Sequence END				
Choice Block BEGIN		0 to many		
PieceInfo Block BEGIN		0 to many		
PhysicalPieceID	mailxml_base:s22		Required	
IMB	mailxml_base:iMBType	Either 34 characters or 20 characters	Required	

Field	Format	Acceptable Value	Business Rules	Errata Identifi
OwnerCRID	mailxml_base:CRIDType	Length 15	Required	
PreparerCRID	mailxml_base:CRIDType	Length 15	Required	
VerificationError	mailxml:verificationErrorType	1 to many	Required	Refer FSDQRContai data structure
PieceInfo Block END				
OR				
PieceRangeInfo Block BEGIN				
PieceRangeID	mailxml_base:s07		optional	
IMBUpperSerialization	mailxml_base:iMBUpperSerializationType	String Length of 18	Required	
IMBLowerSerialization	mailxml_base:iMBLowerSerializationType	String Length of 18	Required	
MailClass	mailxml_base:mailClassType		Required	
OwnerCRID	mailxml_base:CRIDType		Required	
PreparerCRID	mailxml_base:CRIDType		Required	
VerificationError	mailxml:verificationErrorType	1 to many	Required	Refer FSDQRContai data structure
PieceRangeInfo Block END				
Choice Block END				

VerificationError Block Data Structure

Field	Format	Acceptable Value	Business Rules	Errata Identified
VerificationError Block BEGIN				
VerificationErrorCode	mailxml_base:ns04			
VerificationErrorDescription	mailxml_base:s260		Optional	
VerificationError Block END				

4.13 Pull Request/Response-Handling Large Transactions

The messages can get large transactions as part of a response. The Mail.XML specification has defined an element 'LargeTransactionDividerResult' to support such transactions. The *PostalOne!* system will divide the large result set into smaller chunks. On the response provided it would include TrackingID as part of 'LargeTransactionDividerResult'. Whenever a mailer application sees this element, they need to send MessageResponseRetrievalRequest (MailXML6.0) or ApptResponseRetrievalRequest (TM2.0/MailXML4.0) and use the TrackingID provided to get the response.

For example, a mailer sends 'FullServiceNixieDetailQueryRequest' and the *PostalOne!* system has to send a large result set as a response (1000 messages broken down into 200 messages per transaction). The *PostalOne!* system will return a response of first 200 messages and include five TrackingID as part of the 'LargeTransactionDividerResult'.

Mailer can send TrackingID request and get the remaining data. There is also element 'LargeTransactionDividerGroupType' that gives more information on what is included on each transmission.

4.14 Error Codes/Return Values

Faults, such as a message timeout or invalid XML are to be communicated using the <fault element and returned within the detail section of the SOAP fault. The fault is made up of a tracking ID and one or more fault codes and optional fault descriptions.

Below is the list of the codes to be returned by the Customer to the *PostalOne!* system in the Delivery Response message to indicate the success or the failure of the delivery messages to the Customer's web services end point

***PostalOne!* – Data Distribution- Delivery Response Return Code Values**

Code	Description
5800	Successful Push Delivery Receipt
5801	Push Authentication failed: Invalid Username
5802	Push Authentication failed: Incorrect Password
5803	Push Account Disabled
5804	Push Delivery Processing Failed

Below is the list of the return codes that the *PostalOne!* system will communicate to the customer in response to the Push Subscription request message to indicate the success or the failure of the subscription request

***PostalOne!* – Data Distribution Return Code Values**	
Code	**Description**
5805	Push Subscription Error: Invalid CRID.
5806	Push Subscription Error: Invalid message type.
5807	Push Subscription Error: Invalid Push type.
5808	Push Subscription Error: Invalid user ID and/or password.
5809	The web service URL format is invalid.
5810	Push Subscription Error: Push Start date is invalid.
5811	Push Subscription Error: Invalid frequency.
5812	Push Subscription created successfully.
5813	Push Subscription updated successfully.
5814	Push Subscription cancelled successfully.
5815	Push Subscription Error: Database error occurred, subscription not saved/updated.
5816	Push Subscription Error: Database error occurred, subscription already exists.
5817	Push Subscription Error: Database error occurred, subscription does not exist.

Below is the list of the return codes that the *PostalOne!* system will communicate to the customer in response to the Cast of Characters Create, Cast of Characters Update, or Cast of Characters Cancel message to indicate the failure of a request message:

***PostalOne!* - Cast of Characters Response Return Code Values**	
Code	**Description**
6000	Success
6003	Invalid Submitting CRID ID
6004	For Future Use
6005	Submitting Software Version is not supported
6006	Unknown Error
6007	Mail XML version is not supported
6008	Mailing Piece Group Range does not exist
6009	For Future Use
6010	Can not update record, original record does not exist
6011	Can not cancel record, original record does not exist
6012	XML Not well formed
6013	Schema Validation failure
6014	Data distribution profile has not been established by the mailer
6015	Invalid Mailing Piece Group Range which overlaps with an existing profile
6016	Can not update record, mailpiece group has not been defined previously

6017	Can not perform request, mailer is blocked
6018	Invalid Submitting Mailer ID
6019	Invalid Participant Mailer ID

Below is the list of return codes that the *PostalOne!* System will communicate to the customer in response to Data Distribution Messages:

***PostalOne!* – Data Distribution Response Return Code Values**		
ERROR CODE	**REPORT TYPE**	**FUNCTIONAL DESCRIPTION**
6001	Appointment Verifcation	The Appointment ID is invalid or a match cannot be found.
6002	Appointment Verifcation	The Appointment ID is invalid or a match cannot be found.
6101	ByFor Verification	The Mail Preparer was not Identified correctly for the Piece Range
6102	ByFor Verification	The Mail Owner was not Identified correctly for the Piece Range
6103	ByFor Verification	Permit information is incorrect
6104	ByFor Verification	The Mail Preparer was not Identified correctly for the Physical Piece
6105	ByFor Verification	The Mail Owner was not Identified correctly for the Physical Piece
6106	ByFor Verification	Mail Preparer CRID from MPA does not match CRID associated to Mail Preparer MID from MPA
6107	ByFor Verification	Permit Information does not match Mail Owner CRID provided in MPA
6108	ByFor Verification	Permit Information does not match Mail Owner CRID provided in CPT
6109	ByFor Verification	Permit Information does not match Mail Owner MID provided in MPA
6110	ByFor Verification	Permit Information does not match Mail Owner MID provided in CPT
6111	ByFor Verification	Mail Owner MID from MPA does not match Mail Owner MID from CPT
6112	ByFor Verification	Mail Owner CRID from MPA does not match Mail Owner CRID from CPT
6113	ByFor Verification	Mail Owner CRID from CPT does not match Mail Owner MID from CPT
6114	ByFor Verification	Mail Owner CRID from MPA does not match Mail Owner MID from CPT
6115	ByFor Verification	Mail Owner CRID from CPT does not match Mail Owner MID from MPA
6116	ByFor Verification	Mail Owner CRID from MPA does not match Mail Owner MID from MPA
6117	ByFor Verification	Mail Owner CRID from IMR does not match Mail Owner MID from IMR
6118	ByFor Verification	Mail Preparer CRID from IMR does not match Mail Preparer MID from IMR
6119	ByFor Verification	CRID associated to the MID from the MPA does not match the CRID associated to the MID from the CPT
6120	ByFor Verification	Postal Wizard - The Mail Owner Source CRID does not match the Mail Owner CRID from the Source Mail Owner MID

6121	ByFor Verification	Postal Wizard - The Mail Preparer Source CRID does not match the Mail Preparer CRID from the Source Mail Preparer MID
6122	ByFor Verification	Postal Wizard - The Mail Owner Permit CRID does not match the Source Mail Owner CRID
6123	ByFor Verification	Postal Wizard - The Mail Owner Permit CRID does not match the Mail Owner CRID from the Source Mail Owner MID
6201	CSA Verification	The CSA is invalid or a match cannot be found.
6202	CSA Verification	The CSA is invalid or a match cannot be found.
6301	Mailer ID Verification	Mailer ID is invalid or cannot be found
6302	Mailer ID Verification	Mailer ID is invalid or cannot be found
6303	Mailer ID Verification	Mailer ID is invalid or cannot be found
6304	Mailer ID Verification	Mailer ID is invalid or cannot be found
6401	Service Type Code Verification	Service Type Code is invalid or does not match the class of mail
6501	Unique Container Barcode Verification	The same Container Barcode was used more than once within the allotted timeframe
6601	Unique Handling Unit Barcode Verification	The same Handling Unit Barcode was used more than once within the allotted timeframe
6701	Unique Piece Barcode Verification	The same Piece Range was used more than once or the Piece Range overlaps with another Piece Range or Piece Barcode within the allotted timeframe
6702	Unique Piece Barcode Verification	The same Piece Barcode was used more than once within the allotted timeframe

5.0 Mail.XML USPS COMPANY IDENTIFICATION Management Messages

5.1 Overview

This section will discuss the technical information related to the *PostalOne!* - Mail.XML Web Services based ID management messages. These messages support all functionalities related to mailers interaction for requesting and querying their identification messages. For details on each of the message below – please refer the Mail.XML Schema specification document.

5.2 ID Management Messages

As part of the Mail.XML 6.0 Web Services messages; USPS will allow mailers with the capability to manage their corporate identification. Following is the list of Mail.XML messages that will be suppoted in November 2009.

Message Name	Message Description
USPSMIDCreate Request	This message will allow Mailers to request the *PostalOne!* System to create the Mailer ID (MID).
USPSMIDCreateResponse	This is a response message that notifies the requestor whether the request for creating the MID has been accepted or rejected. If the request is accepted than the MID will be sent back to mailer in the response message
USPSMIDQueryRequest	This message allows tha mailer to query to find out if the MID already exists in the system.
USPSMIDQueryResponse	This message is in response to QueryRequest message that returns a code to in its response
USPSCRIDCreateRequest	This message will allow mailers to request the *PostaOne!* System to create the CRID for their corporation
USPSCRIDCreateResponse	This is a response message that informs the requestor whether the request for creating the CRID has been accepted or rejected. If the request is accepted than the CRID will be sent back to the mailer in the response message
USPSCRIDQueryRequest	This message allows tha mailer to query to find out if the CRID already exists in the system.
USPSCRIDQueryResponse	This message is in response to QueryRequest message that returns a code to in its response

5.3 Mail.XML Messages Detail

There are total eigth (8) messages constructed to manage MID and CRID management. Details for all of these messages are provided below:

Message Name	Message Category
USPSMIDCreateRequest	MID Management
USPSMIDCreateResponse	MID Management
USPSMIDQueryRequest	MID Management
USPSMIDQueryResponse	MID Management
USPSCRIDCreateRequest	CRID Management

USPSCRIDRequestResponse	CRID Management
USPSCRIDQueryRequest	CRID Management
USPSCRIDQueryResponse	CRID Management

MID Management Messages Detail

Following is the details about all of the request and response messages related to MID Management

- **USPSMIDCreateRequest**
  For each USPSMIDCreateRequest message, the customer needs to provide the information for all of the required blocks.

  1. Submitting Party
  2. Submitting Software
  3. Customer CRID
  4. Customer Name
  5. Optional to provide Permit Information
  6. Company HQ indicator. The accepted values are 'Yes' or 'No'
  7. Address Information – that includes Address 1, Address 2, City, State, and Zip Code
  8. Sequence Number
  9. Applying for Self indicator. The accepted values are 'Yes' or 'No'
  10. Required to provide Legal Acknoledgment block when 'Self Indicator' is yes. The block requires following information
      a. UnderstandLegalLiabilityForApplyingForSomeOneElse. The accepted valules are 'Yes' or 'No'.
      b. AcknowledgeNotifyingTheMailOwner. The accepted values are 'Yes' or 'No'
      c. USPSLegalAgreement. This field contains the USPS legal agreement by default.

Data Structure for USPSMIDCreateRequest

Field	Format	Acceptable Value	Business Rules	Errata Identified
SubmittingParty	mailxml:participantIDType		Refer section 3.2 for details on submitting party	
SubmittingSoftware	mailxml:submittingSoftwareType		Refer section 3.2 for details on submitting party	
MIDEntry Block BEGIN			Required Block	
CustomerCRID	mailxml_base:CRIDType	String of Length 15 max	Required	
CustomerName	xs:string		Optional	
PermitPublicationData Block BEGIN			Optional	
Choice Block BEGIN				
PermitNumber	mailxml_base:s08		Required	
PermitType	mailxml_base:permitTypeType		Required	
PermitZip4	Numeric String, 9		Required	
OR				
PublicationNUmber	String		Required	

Field	Format	Acceptable Value	Business Rules	Errata Identified
Choice block END				
PermitPublicationData Block END				
CompanyHQIndicator	mailxml_base:yesNo	Yes, No	Optional	
Address1	mailxml_base:s64		Optional	
Address2	mailxml_base:s64		Optional	
City	mailxml_base:s50		Optional	
State	mailxml_base:s02		Optional	
ZipCode	mailxml_base:ns05		Optional	
SequenceNumber	xs:integer		Optional	
ApplyingForSelf	mailxml_base:yesNo	Yes, No		
LegalAcknowledgement Block BEGIN	mailxml:legalAcknowledgementBlockMIDType		Optional	
UnderstandLegalLiabilityForApplyingForSomeOneElse	mailxml_base:yesNo	Yes, No		
AcknowledgeNotifyingTheMailOwner	mailxml_base:yesNo	Yes, No		

Field	Format	Acceptable Value	Business Rules	Errata Identified
USPSLegalAgreement			**Required** Mail Owner Agreement:This pertains to the services being requested on behalf of the Mail Owner identified on the Mailer ID (MID) and Customer Registration ID (CRID) application to the United States Postal Service (USPS) by the named Mailing Agent.- a. I acknowledge that my Mailing Agent has reviewed the terms and condition regarding online account access and mailer identification requirements. - b. I acknowledge that I was advised that I could obtain details or ask questions from the USPS of where my accounts are held. -c. I understand that my Mailing Agent will have access to all information, including financial data relating to the accounts to which I grant access. -d. I understand that by signing this agreement I am authorizing the Mailing Agent identified below to act on behalf of my organization to request and obtain services from the USPS. -e. I understand that I will be responsible for all actions performed by my Mailing Agent against my accounts. -f. I have fully read and considered all of the terms and statements contained in this agreement before agreeing with this document. - Mailing Agent Agreement: - g. I understand that I have been granted authorization by the Mail Owner identified on the MID and Customer Registration ID (CRID) applications to act as their Mailing Agent to the USPS and conduct the services requested for business mailing matters on their behalf. - h. I have advised the Mail Owner of the services being requested and what they mean regarding their mailings, accounts, and information access. -i.	
LegalAcknowledgement Block END				
MIDEntry Block END				

- **USPSMIDCreateResponse**

The USPSMIDCreateResponse message returns one of the two messages block i.e. MID Accepted or MID Reject Block.

1. In ACCEPT block
    - Returns all of the data blocks/elements that were sent in the USPSMIDCreateRequest message AND
    - MID information, which is either MID6 or MID9 AND
    - OPTIONAL return info block that contains return code and return description
2. in REJECT block
    - Returns all of the data blocks/elements that were sent in the USPSMIDCreateRequest message AND
    - OPTIONAL return info block that contains return code and return description to communicate the issue

Data Structure for USPSMIDCreateResponse

Field	Format	Acceptable Value	Business Rules	Errata Identified
USPSMIDCreateAccept Block BEGIN				
MID	mailxml:MIDType			Refer MID Block Data Structure Below
MIDEntry	mailxml:midEntryType			Refer the MIDEntry Data Structure from USPSMIDCreateRequest Message
ReturnInfo	mailxml:basicReturnInfoType		Optional	Refer ReturnInfo Block Below
USPSMIDCreateAccept Block END				
USPSMIDCreateReject Block BEGIN				
MIDEntry	mailxml:midEntryType			Refer the MIDEntry Data Structure from USPSMIDCreateRequest Message
ReturnInfo	mailxml:basicReturnInfoType		Required	Refer ReturnInfo Block Below
USPSMIDCreateReject Block END				

MID Block Data Structure

Field	Format	Acceptable Value	Business Rules	Errata Identified
MID Block BEGIN				
CHOICE block BEGIN				
MID6	mailxml_base:mailerID6Type		Required	
OR				
MID9	mailxml_base:mailerID9Type		Required	

CHOICE block END				
MID Block END				

ReturnInfo Block Data Structure

Field	Format	Acceptable Value	Business Rules	Errata Identified
ReturnInfo Block BEGIN			0 to many	
ReturnCode	mailxml:base:ns04		Optional	
ReturnDescription	mailxml_base:s260		Required	

- **USPSMIDQueryRequest**
  With each USPSMIDQueryRequest message, the customer needs to provide information for all of the required blocks
  1. Submitting Party
  2. Submitting Software
  3. Mailer MID i.e. either Mailer ID 6 or Mailer ID 9
  4. One of the following elements are required
     - Customer Name and Address information OR
     - Permit Information OR
     - Customer CRID
  5. OPTIONAL. To provide Legal Acknowledgment block information

Data Structure for USPSMIDQueryRequest

Field	Format	Acceptable Value	Business Rules
SubmittingParty	mailxml:participantIDType		Refer section 3.2 for detail on submitting party
SubmittingSoftware	mailxml:submittingSoftwareType		Refer section 3.2 for detail on submitting party
MIDsRequested Block BEGIN		1 to many	Required Block
CustomerCRID	mailxml_base:CRIDType	String of Length 15 max	Required
MID Block BEGIN			
CHOICE block BEGIN			
MID6	mailxml_base:mailerID6Type		Required
OR			
MID9	mailxml_base:mailerID9Type		Required
CHOICE block END			
MID Block END			
MIDsRequested Block END			
Choice Block BEGIN			Optional

Field	Format	Acceptable Value	Business Rules
CustomerName	mailxml_base:s40		
Address	mailxml:addressType		Required Refer addressType Data Structure Below
PermitPublicationData	mailxml:permitPublicationDataType		Required Refer permitPublicationDataType Below
CustomerCRID	mailxml_base:CRIDType		
Choice Block END			
ApplyingForSelf	mailxml_base:yesNo	Yes, No	Required
LegalAcknowledgementBlock	mailxml:legalAcknowledgementBlockMIDType		Optional Refer LegalAcknowledgementBl in USPSMIDCreateReques Message

PermitPublicationDataType Data Structure

Field	Format	Acceptable Value	Business Rules	Errata Identified
PermitPublicationDataType Block BEGIN			Optional	
Choice Block BEGIN				
PermitNumber	mailxml_base:s08		Required	
PermitType	mailxml_base:permitTypeType		Required	
PermitZip4	Numeric String, 9		Required	
OR				
PublicationNUmber	String		Required	
Choice block END				
PermitPublicationDataType Block END				

LegalAcknowledgementBlock Data Structure

Field	Format	Acceptable Value	Business R

Field	Format	Acceptable Value	Business R
LegalAcknowledgement Block BEGIN	mailxml:legalAcknowledgementBlockMIDType		Optional
UnderstandLegalLiabilityForApplyingForSomeOneElse	mailxml_base:yesNo	Yes, No	
AcknowledgeNotifyingTheMailOwner	mailxml_base:yesNo	Yes, No	
USPSLegalAgreement			**Optional** Mail Owner Agreement:T pertains to th services bein requested on of the Mail C identified on Mailer ID (M Customer Registration (CRID) appli to the United Postal Servic (USPS) by th named Maili Agent.- a. acknowledge my Mailing A has reviewed terms and co regarding on account acce mailer identi requirements I acknowledg I was advise could obtain or ask quest from the USI where my ac are held. -c. understand t Mailing Ager have access information, including fina data relating accounts to grant access understand t signing this agreement I authorizing t Mailing Ager identified bel

Field	Format	Acceptable Value	Business R
			act on behal organization request and services fron USPS. -e. understand t will be respo for all action performed b Mailing Ager against my accounts. -f. have fully rea considered a the terms an statements contained in agreement b agreeing wit document. - Mailing Ager Agreement: understand t have been g authorization Mail Owner identified on MID and Cus Registration (CRID) appli to act as the Mailing Ager USPS and c the services requested fo business ma matters on t behalf. - h. advised the Owner of the services bei requested ar they mean regarding th mailings, acc and informat access. -i.
LegalAcknowledgement Block END			

- **USPSMIDQueryResponse**
  The USPSMIDQueryResponse message has two major choice blocks. One is QueryResults and the other is QueryError

1. In QueryResult Block
   - Data will be filtered based on the request criteria
   - Returns all of the data blocks/elements that were sent in the USPSMIDCreateRequest message AND
   - MID information, which is either MID6 or MID9 AND
   - OPTIONAL return info block that contains return code and return description to communicate the issue

2. In QueryError Block
   - MID information, which is either MID6 or MID9 AND
   - Return info block that contains return code and return description to communicate the issue

Field	Format	Acceptable Value	Business Rules	Errata Ident
QueryResult Block BEGIN				
MID	mailxml:MIDType		Required	Refer MID B Data structur MIDQuery Request mes
MIDQueryResponse	mailxml:midQueryResponseType		Required	
MIDQueryResponse Block BEGIN				
CustomerCRID	mailxml_base:CRIDType			
CustomerName	mailxml_base:s50		Optional	
PermitPublicationData	mailxml:permitPublicationDataType		Optional	Refer Permit Publication D Type data structure in MIDQueryRe message
CompanyHQIndicator	mailxml_base:yesNo		Optional	
Address1	mailxml_base:s64		Optional	
Address2	mailxml_base:s64		Optional	
City	mailxml_base:s50		Optional	
State	mailxml_base:s02		Optional	
ZipCode	mailxml_base:ns05		Optional	
SequenceNumber	xs:integer		Optional	
MID	mailxml:MIDType		unbounded	Refer MID da structure in MIDCreate Response message
ApplyingForSelf	mailxml_base:yesNo			

Field	Format	Acceptable Value	Business Rules	Errata Ident
LegalAcknowledgementBlock	mailxml:legalAcknowledgementBlockMIDType		Optional	Refer Legal Acknowlegm data structur MIDQueryRe Message
MIDQueryResponse Block END				
ReturnInfo	mailxml:basicReturnInfoType		Optional	Refer Return block data structure of MIDCreate Response message
QueryResult Block END				
QueryError Block BEGIN				
CustomerCRID	mailxml_base:CRIDType			
ReturnInfo	mailxml:basicReturnInfoType			Refer Return block data structure of MIDCreate Response message
QueryError Block END				

CRID Management Messages Detail

Following is the details about all of the request and response messages related to CRID Management

- **USPSCRIDCreateRequest**

  For each USPSCRIDCreateRequest message, the customer needs to provide the information for all of the required blocks.

  1. Submitting Party
  2. Submitting Software
  3. Company Name
  4. Permit Publication Block that must provide information for the following required elements:
     a. Permit Number and PermitZip4 OR
     b. Publication Number
  5. Company HQ indicator. The accepted values are ‘Yes’ or ‘No’
  6. Address Information block that must provide information for the following required elements:
     a. Address 1

   b. City
   c. State
   d. Zip Code
7. Address Match Indicator. The accepted values are ‘Yes’ or ‘No’
8. Applying for Self indicator. The accepted values are ‘Yes’ or ‘No’
9. Required to provide Legal Acknoledgment block when ‘Self Indicator’ is yes. The block requires following information
   a. UnderstandLegalLiabilityForApplyingForSomeOneElse. The accepted valules are ‘Yes’ or ‘No’.
   b. AcknowledgeNotifyingTheMailOwner. The accepted values are ‘Yes’ or ‘No’
   c. USPSLegalAgreement. This field contains the USPS legal agreement by default.

Data Structure for USPSCRIDCreateRequest

Field	Format	Acceptable Value	Business Rules	Errata Ident
SubmittingParty	mailxml:participantIDType		Refer section 3.2 for details on submitting party	
SubmittingSoftware	mailxml:submittingSoftwareType		Refer section 3.2 for details on submitting party	
CRID Entry Block BEGIN			1 to many	
CompanyName	mailxml_base:s40		Required	
PermitPublicationData	mailxml:permitPublicationDataType		Optional	Refer Permi Publication D Type data structure in MIDQueryR message
CompanyHQIndicator	mailxml_base:yesNo	Yes, No	Optional	
Address	mailxml:addressType		Required	Refer AddressTyp Structure be
AddressMatch	mailxml_base:yesNo	Yes, No	Required	
ApplyingForSelf	mailxml_base:yesNo	Yes, No	Required	

Field	Format	Acceptable Value	Business Rules	Errata Ident
LegalAcknowledgementBlock	mailxml:legalAcknowledgementBlockCRIDType		Optional	Refer Legal Acknowlegm data structu MIDQueryR Message
CRID Entry Block END				

Data Structure for ADDRESSTYPE Block

Field	Format	Acceptable Value	Business Rules	Errata Identified
AddressType Block BEGIN				
CommunicationRole	mailxml_base:communicationRoleType	From, To, CC	Optional Attribute	
Address1	mailxml_base:s64		Required	
Address2	mailxml_base:s64		Optional	
Address3	mailxml_base:s40		Optional	
Address4	mailxml_base:s40		Optional	
City	mailxml_base:s45		Required	
County	mailxml_base:s45		Optional	
State	mailxml_base:stateCode		Required	
ZipCode	mailxml:zipCode		Required	
GPSCoordinates	mailxml:gPSCoordinates		Optional	Refer gPSCoordinates Data Structure below
AddressType Block END				

Data Structure for GPSCoordinates Block

Field	Format	Acceptable Value	Business Rules	Errata Identified
GPSCoordinates Block BEGIN				
GPSSystem	mailxml_base:gPSSystemType	MSL (Default), ECEF, HAE	Optional Attribute	
Latitude	mailxml_base:dec18-8	Total Digit= 18 Fraction Digit = 8	Required	

Field	Format	Acceptable Value	Business Rules	Errata Identified
Longitude	mailxml_base:dec18-8	Total Digit= 18 Fraction Digit = 8	Required	
Height bock BEGIN	mailxml:measurementType		Optional	
Value block BEGIN	mailxml_base:dec18-8	Total Digit= 18 Fraction Digit = 8	Required	
UOM	mailxml_Base:UOMType	These are unit of measurements e.g. kilogram, foot, etc	Required Attribute	
Value Block END				
RangeMin Block BEGIN	mailxml_base:dec18-8	Total Digit= 18 Fraction Digit = 8	Optional	
UOM	mailxml_Base:UOMType	These are unit of measurements e.g. kilogram, foot, etc	Required Attribute	
RangeMin Block END				
RangeMax Block BEGIN	mailxml_base:dec18-8	Total Digit= 18 Fraction Digit = 8	Optional	
UOM	mailxml_Base:UOMType	These are unit of measurements e.g. kilogram, foot, etc	Required Attribute	
RangeMax Block END				
Height bock END				
GPSCoordinates Block END				

- **USPSCRIDCreateResponse**

  The USPSCRIDCreateResponse message returns one of the two messages block i.e. MID Accepted or MID Reject Block.

  1. In ACCEPT block
     - Returns all of the data blocks/elements that were sent in the USPSCRIDCreateRequest message AND
     - CRID number AND
     - OPTIONAL return info block that contains return code and return description to communicate the issues

2. In REJECT block
    - Returns all of the data blocks/elements that were sent in the USPSCRIDCreateRequest message AND
    - OPTIONAL return info block that contains return code and return description to communicate the issue

Data Structure for USPSCRIDCreateResponse

Field	Format	Acceptable Value	Business Rules	Errata Identified
USPSCRIDCreateAccept Block BEGIN				
CRID	mailxml:CRIDType			
CRIDEntry	mailxml:midEntryType			Refer the CRIDEntry Data Structure from USPSCRIDCreateRequest Message
ReturnInfo	mailxml:basicReturnInfoType	0 to many	Optional	Refer ReturnInfo data structure in USPSMIDCreateResponse message
USPSCRIDCreateAccept Block END				
USPSCRIDCreateReject Block BEGIN				
CRIDEntry	mailxml:midEntryType			Refer the CRIDEntry Data Structure from USPSCRIDCreateRequest Message
ReturnInfo	mailxml:basicReturnInfoType	0 to many	Optional	Refer ReturnInfo data structure in USPSMIDCreateResponse message
USPSCRIDCreateReject Block END				

- **USPSCRIDQueryRequest**

  With each USPSCRIDQueryRequest message, the customer needs to provide information for all of the required blocks

  1. Submitting Party

2. Submitting Software
3. Company's CRID
4. One of the following elements are required
    - Company Name and Address information OR
    - Permit Publication Data block Information
5. OPTIONAL. To provide Legal Acknowledgment block information

Data Structure for USPSCRIDQueryRequest

Field	Format	Acceptable Value	Business Rules
SubmittingParty	mailxml:participantIDType		Refer section 3.2 for detail on submitting party
SubmittingSoftware	mailxml:submittingSoftwareType		Refer section 3.2 for detail on submitting party
CRIDsRequested Block BEGIN		1 to many	Required Block
CRID	mailxml_base:CRIDType	String of Length 15 max	Required
Choice Block BEGIN			Optional
CompanyName	mailxml_base:s40		
Address	mailxml:addressType		Required Refer addressType Data Structure in USPSMIDQueryRequest
PermitPublicationData	mailxml:permitPublicationDataType		Required Refer permitPublicationDataType in USPSMIDQueryRequest

Choice Block END			
ApplyingForSelf	mailxml_base:yesNo	Yes, No	Required
LegalAcknowledgementBlock	mailxml:legalAcknowledgementBlockMIDType		Optional Refer LegalAcknowledgementBlk in USPSMIDCreateRequest Message

- **USPSCRIDQueryResponse**

  The USPSCRIDQueryResponse message has two major choice blocks. One is QueryResults and the other is QueryError

  1. In QueryResult Block
     - Data will be filtered based on the request criteria
     - Returns all of the data blocks/elements that were sent in the USPSCRIDCreateRequest message AND
     - Company's CRID
     - OPTIONAL return info block that contains return code and return description to communicate the issue
  2. In QueryError Block
     - Company's CRID
     - Return info block that contains return code and return description to communicate the issue

Data Structure for USPSCRIDQueryResponse

Field	Format	Acceptable Value	Business Rules
QueryResult Block BEGIN			
CRID	mailxml:CRIDType		Required
CRIDQueryResponse	mailxml:midQueryResponseType		Required

Field	Format	Acceptable Value	Business Rules
CRIDQueryResponse Block BEGIN			
CompanyName	mailxml_base:s40		Optional
PermitPublicationData	mailxml:permitPublicationDataType		Optional
CompanyHQIndicator	mailxml_base:yesNo		Optional
Address	mailxml:addressType		Required Refer addressType Data Structure in USPSMIDQueryRequest
ApplyingForSelf	mailxml_base:yesNo		
LegalAcknowledgementBlock	mailxml:legalAcknowledgementBlockMIDType		Optional
CRIDQueryResponse Block END			
ReturnInfo	mailxml:basicReturnInfoType		Optional
QueryResult Block END			
QueryError Block BEGIN			
CRID	mailxml_base:CRIDType		

Field	Format	Acceptable Value	Business Rules
ReturnInfo	mailxml:basicReturnInfoType		
QueryError Block END			

Appendix A - WSDLs and XSDs

WSDLS and USPS Specific XSDs will be updated for Mail.XMl v7.0 and this Postal Service Mail.XML Technical Specification will be updated within the next two months with that information.
The following WSDLS and XSDs support Mail.XML v6.0D and v4.0 specifications.

WSDL for the Release 1 – Also will be available as a downloadable attachment from RIBBS

```
<?xml version="1.0" encoding="UTF-8"?>
<!--    Date        Comments                                    -->
<!--    11/17/2007 Palani   MailXML -POAppointmentServices WSDL  Initial version 1.0 -->
<!--    12/17/2008 Palani   MailXML -POAppointmentServices WSDL         version 2.0 -->
<!--    06/09/2009 Palani   MailXML -POAppointmentServices WSDL         version 3.0 -->
<wsdl:definitions xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
xmlns="http://www.usps.com/postalone/services/POAppointmentServices20"
xmlns:auth="http://www.usps.com/postalone/services/UserAuthenticationSchema"
xmlns:pdd="http://www.usps.com/postalone/services/PushUserProfileSchema"
xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:tns="http://www.usps.com/postalone/services/POAppointmentServices20"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:ns="http://schemas.xmlsoap.org/soap/encoding/"
name="POAppointmentServices20"
targetNamespace="http://www.usps.com/postalone/services/POAppointmentServices20">
        <wsdl:documentation xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">Version
1.0.0</wsdl:documentation>
        <wsdl:types>
                <xsd:schema
targetNamespace="http://www.usps.com/postalone/services/POAppointmentServices20"
xmlns="http://www.usps.com/postalone/services/POAppointmentServices20"
xmlns:auth="http://www.usps.com/postalone/services/UserAuthenticationSchema"
xmlns:pdd="http://www.usps.com/postalone/services/PushUserProfileSchema"
xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:tns="http://www.usps.com/postalone/services/POAppointmentServices20"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
                        <xsd:import
namespace="http://www.usps.com/postalone/services/UserAuthenticationSchema"
schemaLocation="UserAuthenticationInfo.xsd"/>
                        <xsd:import
namespace="http://www.usps.com/postalone/services/PushUserProfileSchema"
schemaLocation="PushUserProfileInfo.xsd"/>
                        <!--  Appointment Messages -->
                        <xsd:element name="apptQuery" type="xsd:string"/>
                        <xsd:element name="apptRequest" type="xsd:string"/>
                        <xsd:element name="apptUpdate" type="xsd:string"/>
                        <xsd:element name="apptCancel" type="xsd:string"/>
                        <xsd:element name="apptCloseout" type="xsd:string"/>
                        <xsd:element name="apptResponseRetrieval" type="xsd:string"/>
                        <xsd:element name="recurringApptQuery" type="xsd:string"/>
                        <xsd:element name="messageResponseRetrieval" type="xsd:string"/>
                        <xsd:element name="apptCancelCreate" type="xsd:string"/>
                        <xsd:element name="apptStatus" type="xsd:string"/>
                        <xsd:element name="result" type="xsd:string"/>
                        <xsd:element name="fault" type="xsd:string"/>
                        <!--  Appointment Shell Messages -->
```

```
<xsd:element name="apptShellUpdate" type="xsd:string"/>
<xsd:element name="apptShellCancel" type="xsd:string"/>
<!--  Content Messages -->
<xsd:element name="apptContentCreate" type="xsd:string"/>
<xsd:element name="apptContentUpdate" type="xsd:string"/>
<xsd:element name="apptContentCancel" type="xsd:string"/>
<xsd:element name="contentQuery" type="xsd:string"/>
<xsd:element name="apptShell" type="xsd:string"/>
<!-- eDoc Messages-->
<xsd:element name="mailingGroupQuery" type="xsd:string"/>
<xsd:element name="paymentMessageQuery" type="xsd:string"/>
<xsd:element name="reconciliationReportQuery" type="xsd:string"/>
<xsd:element name="containerStatusQuery" type="xsd:string"/>
<xsd:element name="partnerApptQuery" type="xsd:string"/>
<xsd:element name="customerSupplierAgreementQuery" type="xsd:string"/>
<!-- Data Distribution Service Measurement(Pull Messages)-->
<xsd:element name="fullServiceAddressCorrectionQuery" type="xsd:string"/>
<xsd:element name="fullServiceContainerVisibilityQuery" type="xsd:string"/>
<xsd:element name="fullServiceNixieDetailQuery" type="xsd:string"/>
<xsd:element name="startTheClockQuery" type="xsd:string"/>
<xsd:element name="byForConflictQuery" type="xsd:string"/>
<xsd:element name="castofCharactersCreate" type="xsd:string"/>
<xsd:element name="castofCharactersUpdate" type="xsd:string"/>
<xsd:element name="castofCharactersCancel" type="xsd:string"/>
<xsd:element name="deliveryPointValidationQuery" type="xsd:string"/>
<xsd:element name="pushSubscriptionCreate" type="xsd:string"/>
<xsd:element name="pushSubscriptionUpdate" type="xsd:string"/>
<xsd:element name="pushSubscriptionCancel" type="xsd:string"/>
<!-- REL22.0 (Type definition)    -->
<xsd:element name="beginCombinedMailing" type="xsd:string"/>
<xsd:element name="bundleDetailCreate" type="xsd:string"/>
<xsd:element name="bundleDetailCancel" type="xsd:string"/>
<xsd:element name="closeMailingGroup" type="xsd:string"/>
<xsd:element name="consolidatedPeriodicalStatementCreate" type="xsd:string"/>
<xsd:element name="containerBundleReportQuery" type="xsd:string"/>
<xsd:element name="containerBundleReportCreate" type="xsd:string"/>
<xsd:element name="containerBundleReportCancel" type="xsd:string"/>
<xsd:element name="containerBundleReportUpdate" type="xsd:string"/>
<xsd:element name="endCombinedMailing" type="xsd:string"/>
<xsd:element name="mailDatContainerUpdate" type="xsd:string"/>
<xsd:element name="mailPieceCreate" type="xsd:string"/>
<xsd:element name="mailPieceUpdate" type="xsd:string"/>
<xsd:element name="mailPieceCancel" type="xsd:string"/>
<xsd:element name="openMailingGroup" type="xsd:string"/>
<xsd:element name="originalContainerLinkageCreate" type="xsd:string"/>
<xsd:element name="originalContainerLinkageCancel" type="xsd:string"/>
<xsd:element name="periodicalStatementQuery" type="xsd:string"/>
<xsd:element name="periodicalStatementCreate" type="xsd:string"/>
<xsd:element name="periodicalStatementCancel" type="xsd:string"/>
<xsd:element name="postageAdjustmentCreate" type="xsd:string"/>
<xsd:element name="postageStatementQuery" type="xsd:string"/>
<xsd:element name="postageStatementCreate" type="xsd:string"/>
<xsd:element name="postageStatementCancel" type="xsd:string"/>
<xsd:element name="postageStatementStatusQuery" type="xsd:string"/>
<xsd:element name="qualificationReportCreate" type="xsd:string"/>
<xsd:element name="fullServiceeDocDataQualityVerification" type="xsd:string"/>
<xsd:element name="sibilingContainerCreate" type="xsd:string"/>
```

```
                <xsd:element name="sibilingContainerCancel" type="xsd:string"/>
                <xsd:element name="uSPSCRIDQuery" type="xsd:string"/>
                <xsd:element name="uSPSCRIDCreate" type="xsd:string"/>
                <xsd:element name="uSPSMIDQuery" type="xsd:string"/>
                <xsd:element name="uSPSMIDCreate" type="xsd:string"/>
        </xsd:schema>
</wsdl:types>
<wsdl:message name="DeliveryApptQueryRequest">
        <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
        <wsdl:part name="apptQuery" element="tns:apptQuery"/>
</wsdl:message>
<wsdl:message name="DeliveryApptRequest">
        <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
        <wsdl:part name="apptRequest" element="tns:apptRequest"/>
</wsdl:message>
<wsdl:message name="AllDeliveryApptCloseoutRequest">
        <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
        <wsdl:part name="apptCloseout" element="tns:apptCloseout"/>
</wsdl:message>
<wsdl:message name="DeliveryApptStatusRequest">
        <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
        <wsdl:part name="apptStatus" element="tns:apptStatus"/>
</wsdl:message>
<wsdl:message name="RecurringApptQueryRequest">
        <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
        <wsdl:part name="recurringApptQuery" element="tns:recurringApptQuery"/>
</wsdl:message>
<wsdl:message name="DeliveryApptContentUpdateRequest">
        <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
        <wsdl:part name="apptContentUpdate" element="tns:apptContentUpdate"/>
</wsdl:message>
<wsdl:message name="ApptResponseRetrieval">
        <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
        <wsdl:part name="apptResponseRetrieval" element="tns:apptResponseRetrieval"/>
</wsdl:message>
<wsdl:message name="DeliveryContentQueryRequest">
        <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
        <wsdl:part name="contentQuery" element="tns:contentQuery"/>
</wsdl:message>
<wsdl:message name="DeliveryApptContentCancelRequest">
        <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
        <wsdl:part name="apptContentCancel" element="tns:apptContentCancel"/>
</wsdl:message>
<wsdl:message name="DeliveryApptContentCreateRequest">
        <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
        <wsdl:part name="apptContentCreate" element="tns:apptContentCreate"/>
</wsdl:message>
<wsdl:message name="DeliveryApptUpdateRequest">
        <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
        <wsdl:part name="apptUpdate" element="tns:apptUpdate"/>
</wsdl:message>
<wsdl:message name="DeliveryApptCancelCreateRequest">
        <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
        <wsdl:part name="apptCancelCreate" element="tns:apptCancelCreate"/>
</wsdl:message>
<wsdl:message name="DeliveryApptCancelRequest">
        <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
```

```
		<wsdl:part name="apptCancel" element="tns:apptCancel"/>
	</wsdl:message>
	<wsdl:message name="DeliveryApptShellRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
		<wsdl:part name="apptShell" element="tns:apptShell"/>
	</wsdl:message>
	<wsdl:message name="POAppointmentServicesFault">
		<wsdl:part name="fault" element="tns:fault"/>
	</wsdl:message>
	<wsdl:message name="DeliveryApptShellUpdateRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
		<wsdl:part name="apptShellUpdate" element="tns:apptShellUpdate"/>
	</wsdl:message>
	<wsdl:message name="AppointmentServiceResponse">
		<wsdl:part name="result" element="tns:result"/>
	</wsdl:message>
	<wsdl:message name="PushSubscriptionResponse">
		<wsdl:part name="result" element="tns:result"/>
	</wsdl:message>
	<wsdl:message name="DeliveryApptShellCancelRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
		<wsdl:part name="apptShellCancel" element="tns:apptShellCancel"/>
	</wsdl:message>
	<wsdl:message name="MessageResponseRetrievalRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
		<wsdl:part name="messageResponseRetrieval"
element="tns:messageResponseRetrieval"/>
	</wsdl:message>
	<wsdl:message name="MailingGroupQueryRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
		<wsdl:part name="mailingGroupQuery" element="tns:mailingGroupQuery"/>
	</wsdl:message>
	<wsdl:message name="PaymentMessageQueryRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
		<wsdl:part name="paymentMessageQuery" element="tns:paymentMessageQuery"/>
	</wsdl:message>
	<wsdl:message name="ReconciliationReportQueryRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
		<wsdl:part name="reconciliationReportQuery" element="tns:reconciliationReportQuery"/>
	</wsdl:message>
	<wsdl:message name="ContainerStatusQueryRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
		<wsdl:part name="containerStatusQuery" element="tns:containerStatusQuery"/>
	</wsdl:message>
	<wsdl:message name="PartnerApptQueryRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
		<wsdl:part name="partnerApptQuery" element="tns:partnerApptQuery"/>
	</wsdl:message>
	<wsdl:message name="CustomerSupplierAgreementQueryRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
		<wsdl:part name="customerSupplierAgreementQuery"
element="tns:customerSupplierAgreementQuery"/>
	</wsdl:message>
	<wsdl:message name="FullServiceAddressCorrectionQueryRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
		<wsdl:part name="fullServiceAddressCorrectionQuery"
element="tns:fullServiceAddressCorrectionQuery"/>
```

```
        </wsdl:message>
        <wsdl:message name="FullServiceContainerVisibilityQueryRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="fullServiceContainerVisibilityQuery"
element="tns:fullServiceContainerVisibilityQuery"/>
        </wsdl:message>
        <wsdl:message name="FullServiceNixieDetailQueryRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="fullServiceNixieDetailQuery" element="tns:fullServiceNixieDetailQuery"/>
        </wsdl:message>
        <wsdl:message name="StartTheClockQueryRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="startTheClockQuery" element="tns:startTheClockQuery"/>
        </wsdl:message>
        <wsdl:message name="ByForConflictQueryRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="byForConflictQuery" element="tns:byForConflictQuery"/>
        </wsdl:message>
        <wsdl:message name="CastofCharactersCreateRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="castofCharactersCreate" element="tns:castofCharactersCreate"/>
        </wsdl:message>
        <wsdl:message name="CastofCharactersUpdateRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="castofCharactersUpdate" element="tns:castofCharactersUpdate"/>
        </wsdl:message>
        <wsdl:message name="CastofCharactersCancelRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="castofCharactersCancel" element="tns:castofCharactersCancel"/>
        </wsdl:message>
        <wsdl:message name="DeliveryPointValidationQueryRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="deliveryPointValidationQuery"
element="tns:deliveryPointValidationQuery"/>
        </wsdl:message>
        <wsdl:message name="PushSubscriptionCreateRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="pushSubscriptionCreate" element="tns:pushSubscriptionCreate"/>
        </wsdl:message>
        <wsdl:message name="PushSubscriptionUpdateRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="pushSubscriptionUpdate" element="tns:pushSubscriptionUpdate"/>
        </wsdl:message>
        <wsdl:message name="PushSubscriptionCancelRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="pushSubscriptionCancel" element="tns:pushSubscriptionCancel"/>
        </wsdl:message>
        <wsdl:message name="PushSubscriptionCancelRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="pushSubscriptionCancel" element="tns:pushSubscriptionCancel"/>
        </wsdl:message>
        <wsdl:message name="BeginCombinedMailingRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="beginCombinedMailing" element="tns:beginCombinedMailing"/>
        </wsdl:message>
        <wsdl:message name="BundleDetailCreateRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
```

```
		<wsdl:part name="bundleDetailCreate" element="tns:bundleDetailCreate"/>
	</wsdl:message>
	<wsdl:message name="BundleDetailCancelRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
		<wsdl:part name="bundleDetailCancel" element="tns:bundleDetailCancel"/>
	</wsdl:message>
	<wsdl:message name="CloseMailingGroupRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
		<wsdl:part name="closeMailingGroup" element="tns:closeMailingGroup"/>
	</wsdl:message>
	<wsdl:message name="ConsolidatedPeriodicalStatementCreateRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
		<wsdl:part name="consolidatedPeriodicalStatementCreate"
element="tns:consolidatedPeriodicalStatementCreate"/>
	</wsdl:message>
	<wsdl:message name="ContainerBundleReportQueryRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
		<wsdl:part name="containerBundleReportQuery"
element="tns:containerBundleReportQuery"/>
	</wsdl:message>
	<wsdl:message name="ContainerBundleReportCreateRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
		<wsdl:part name="containerBundleReportCreate"
element="tns:containerBundleReportCreate"/>
	</wsdl:message>
	<wsdl:message name="ContainerBundleReportCancelRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
		<wsdl:part name="containerBundleReportCancel"
element="tns:containerBundleReportCancel"/>
	</wsdl:message>
	<wsdl:message name="ContainerBundleReportUpdateRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
		<wsdl:part name="containerBundleReportUpdate"
element="tns:containerBundleReportUpdate"/>
	</wsdl:message>
	<wsdl:message name="EndCombinedMailingRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
		<wsdl:part name="endCombinedMailing" element="tns:endCombinedMailing"/>
	</wsdl:message>
	<wsdl:message name="MailDatContainerUpdateRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
		<wsdl:part name="mailDatContainerUpdate" element="tns:mailDatContainerUpdate"/>
	</wsdl:message>
	<wsdl:message name="MailPieceCreateRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
		<wsdl:part name="mailPieceCreate" element="tns:mailPieceCreate"/>
	</wsdl:message>
	<wsdl:message name="MailPieceUpdateRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
		<wsdl:part name="mailPieceUpdate" element="tns:mailPieceUpdate"/>
	</wsdl:message>
	<wsdl:message name="MailPieceCancelRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
		<wsdl:part name="mailPieceCancel" element="tns:mailPieceCancel"/>
	</wsdl:message>
	<wsdl:message name="OpenMailingGroupRequest">
		<wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
```

```
                <wsdl:part name="openMailingGroup" element="tns:openMailingGroup"/>
        </wsdl:message>
        <wsdl:message name="OriginalContainerLinkageCreateRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="originalContainerLinkageCreate"
element="tns:originalContainerLinkageCreate"/>
        </wsdl:message>
        <wsdl:message name="OriginalContainerLinkageCancelRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="originalContainerLinkageCancel"
element="tns:originalContainerLinkageCancel"/>
        </wsdl:message>
        <wsdl:message name="PeriodicalStatementQueryRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="periodicalStatementQuery" element="tns:periodicalStatementQuery"/>
        </wsdl:message>
        <wsdl:message name="PeriodicalStatementCreateRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="periodicalStatementCreate" element="tns:periodicalStatementCreate"/>
        </wsdl:message>
        <wsdl:message name="PeriodicalStatementCancelRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="periodicalStatementCancel" element="tns:periodicalStatementCancel"/>
        </wsdl:message>
        <wsdl:message name="PostageAdjustmentCreateRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="postageAdjustmentCreate" element="tns:postageAdjustmentCreate"/>
        </wsdl:message>
        <wsdl:message name="PostageStatementQueryRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="postageStatementQuery" element="tns:postageStatementQuery"/>
        </wsdl:message>
        <wsdl:message name="PostageStatementCreateRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="postageStatementCreate" element="tns:postageStatementCreate"/>
        </wsdl:message>
        <wsdl:message name="PostageStatementCancelRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="postageStatementCancel" element="tns:postageStatementCancel"/>
        </wsdl:message>
        <wsdl:message name="PostageStatementStatusQueryRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="postageStatementStatusQuery"
element="tns:postageStatementStatusQuery"/>
        </wsdl:message>
        <wsdl:message name="QualificationReportCreateRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="qualificationReportCreate" element="tns:qualificationReportCreate"/>
        </wsdl:message>
        <wsdl:message name="FullServiceeDocDataQualityVerificationRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="fullServiceeDocDataQualityVerification"
element="tns:fullServiceeDocDataQualityVerification"/>
        </wsdl:message>
        <wsdl:message name="SibilingContainerCreateRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="sibilingContainerCreate" element="tns:sibilingContainerCreate"/>
```

```
        </wsdl:message>
        <wsdl:message name="SibilingContainerCancelRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="sibilingContainerCancel" element="tns:sibilingContainerCancel"/>
        </wsdl:message>
        <wsdl:message name="USPSCRIDQueryRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="uSPSCRIDQuery" element="tns:uSPSCRIDQuery"/>
        </wsdl:message>
        <wsdl:message name="USPSCRIDCreateRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="uSPSCRIDCreate" element="tns:uSPSCRIDCreate"/>
        </wsdl:message>
        <wsdl:message name="USPSMIDQueryRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="uSPSMIDQuery" element="tns:uSPSMIDQuery"/>
        </wsdl:message>
        <wsdl:message name="USPSMIDCreateRequest">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="uSPSMIDCreate" element="tns:uSPSMIDCreate"/>
        </wsdl:message>
        <wsdl:portType name="POAppointmentServicesPortType">
                <wsdl:operation name="QueryDeliveryAppt">
                        <wsdl:input name="DeliveryApptQueryRequest"
message="tns:DeliveryApptQueryRequest"/>
                        <wsdl:output name="DeliveryApptQueryResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptQueryFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="RequestDeliveryAppt">
                        <wsdl:input name="DeliveryApptRequest" message="tns:DeliveryApptRequest"/>
                        <wsdl:output name="DeliveryApptResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="UpdateDeliveryAppt">
                        <wsdl:input name="DeliveryApptUpdateRequest"
message="tns:DeliveryApptUpdateRequest"/>
                        <wsdl:output name="DeliveryApptUpdateResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptUpdateFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="CancelDeliveryAppt">
                        <wsdl:input name="DeliveryApptCancelRequest"
message="tns:DeliveryApptCancelRequest"/>
                        <wsdl:output name="DeliveryApptCancelResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptCancelFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="GetDeliveryApptStatus">
                        <wsdl:input name="DeliveryApptStatusRequest"
message="tns:DeliveryApptStatusRequest"/>
```

```
                        <wsdl:output name="DeliveryApptStatusResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptStatusFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="GetAllDeliveryApptCloseouts">
                        <wsdl:input name="AllDeliveryApptCloseoutRequest"
message="tns:AllDeliveryApptCloseoutRequest"/>
                        <wsdl:output name="AllDeliveryApptCloseoutResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="AllDeliveryApptCloseoutFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="RetrieveAppointmentResponses">
                        <wsdl:input name="ApptResponseRetrievalRequest"
message="tns:ApptResponseRetrieval"/>
                        <wsdl:output name="ApptResponseRetrievalResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="ApptResponseRetrievalFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="DeliveryApptContentCreate">
                        <wsdl:input name="DeliveryApptContentCreateRequest"
message="tns:DeliveryApptContentCreateRequest"/>
                        <wsdl:output name="DeliveryApptContentCreateResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptContentCreateFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="DeliveryApptContentUpdate">
                        <wsdl:input name="DeliveryApptContentUpdateRequest"
message="tns:DeliveryApptContentUpdateRequest"/>
                        <wsdl:output name="DeliveryApptContentUpdateResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptContentUpdateFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="DeliveryApptContentCancel">
                        <wsdl:input name="DeliveryApptContentCancelRequest"
message="tns:DeliveryApptContentCancelRequest"/>
                        <wsdl:output name="DeliveryApptContentCancelResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptContentCancelFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="DeliveryContentQuery">
                        <wsdl:input name="DeliveryContentQueryRequest"
message="tns:DeliveryContentQueryRequest"/>
                        <wsdl:output name="DeliveryContentQueryResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryContentQueryFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="DeliveryApptShell">
                        <wsdl:input name="DeliveryApptShellRequest"
message="tns:DeliveryApptShellRequest"/>
```

```
                        <wsdl:output name="DeliveryApptShellResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptShellFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="DeliveryApptShellUpdate">
                        <wsdl:input name="DeliveryApptShellUpdateRequest"
message="tns:DeliveryApptShellUpdateRequest"/>
                        <wsdl:output name="DeliveryApptShellUpdateResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptShellUpdateFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="DeliveryApptShellCancel">
                        <wsdl:input name="DeliveryApptShellCancelRequest"
message="tns:DeliveryApptShellCancelRequest"/>
                        <wsdl:output name="DeliveryApptShellCancelResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptShellCancelFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="DeliveryApptCancelCreate">
                        <wsdl:input name="DeliveryApptCancelCreateRequest"
message="tns:DeliveryApptCancelCreateRequest"/>
                        <wsdl:output name="DeliveryApptCancelCreateResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptCancelCreateFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="RecurringApptQuery">
                        <wsdl:input name="RecurringApptQueryRequest"
message="tns:RecurringApptQueryRequest"/>
                        <wsdl:output name="RecurringApptQueryResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="RecurringApptQueryFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="MessageResponseRetrieval">
                        <wsdl:input name="MessageResponseRetrievalRequest"
message="tns:MessageResponseRetrievalRequest"/>
                        <wsdl:output name="MessageResponseRetrievalResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="MessageResponseRetrievalFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="MailingGroupQuery">
                        <wsdl:input name="MailingGroupQueryRequest"
message="tns:MailingGroupQueryRequest"/>
                        <wsdl:output name="MailingGroupQueryResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="MailingGroupQueryFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="PaymentMessageQuery">
                        <wsdl:input name="PaymentMessageQueryRequest"
message="tns:PaymentMessageQueryRequest"/>
```

```
                        <wsdl:output name="PaymentMessageQueryResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="PaymentMessageQueryFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="ReconciliationReportQuery">
                        <wsdl:input name="ReconciliationReportQueryRequest"
message="tns:ReconciliationReportQueryRequest"/>
                        <wsdl:output name="ReconciliationReportQueryResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="ReconciliationReportQueryFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="ContainerStatusQuery">
                        <wsdl:input name="ContainerStatusQueryRequest"
message="tns:ContainerStatusQueryRequest"/>
                        <wsdl:output name="ContainerStatusQueryResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="ContainerStatusQueryFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="PartnerApptQuery">
                        <wsdl:input name="PartnerApptQueryRequest"
message="tns:PartnerApptQueryRequest"/>
                        <wsdl:output name="PartnerApptQueryResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="PartnerApptQueryFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="CustomerSupplierAgreementQuery">
                        <wsdl:input name="CustomerSupplierAgreementQueryRequest"
message="tns:CustomerSupplierAgreementQueryRequest"/>
                        <wsdl:output name="CustomerSupplierAgreementQueryResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="CustomerSupplierAgreementQueryFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="FullServiceAddressCorrectionQuery">
                        <wsdl:input name="FullServiceAddressCorrectionQueryRequest"
message="tns:FullServiceAddressCorrectionQueryRequest"/>
                        <wsdl:output name="FullServiceAddressCorrectionQueryResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="FullServiceAddressCorrectionQueryFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="FullServiceContainerVisibilityQuery">
                        <wsdl:input name="FullServiceContainerVisibilityQueryRequest"
message="tns:FullServiceContainerVisibilityQueryRequest"/>
                        <wsdl:output name="FullServiceContainerVisibilityQueryResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="FullServiceContainerVisibilityQueryFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="FullServiceNixieDetailQuery">
                        <wsdl:input name="FullServiceNixieDetailQueryRequest"
message="tns:FullServiceNixieDetailQueryRequest"/>
```

```
                        <wsdl:output name="FullServiceNixieDetailQueryResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="FullServiceNixieDetailQueryFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="StartTheClockQuery">
                        <wsdl:input name="StartTheClockQueryRequest"
message="tns:StartTheClockQueryRequest"/>
                        <wsdl:output name="StartTheClockQueryResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="StartTheClockQueryFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="ByForConflictQuery">
                        <wsdl:input name="ByForConflictQueryRequest"
message="tns:ByForConflictQueryRequest"/>
                        <wsdl:output name="ByForConflictQueryResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="ByForConflictQueryFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="CastofCharactersCreate">
                        <wsdl:input name="CastofCharactersCreateRequest"
message="tns:CastofCharactersCreateRequest"/>
                        <wsdl:output name="CastofCharactersCreateResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="CastofCharactersCreateFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="CastofCharactersUpdate">
                        <wsdl:input name="CastofCharactersUpdateRequest"
message="tns:CastofCharactersUpdateRequest"/>
                        <wsdl:output name="CastofCharactersUpdateResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="CastofCharactersUpdateFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="CastofCharactersCancel">
                        <wsdl:input name="CastofCharactersCancelRequest"
message="tns:CastofCharactersCancelRequest"/>
                        <wsdl:output name="CastofCharactersCancelResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="CastofCharactersCancelFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="DeliveryPointValidationQuery">
                        <wsdl:input name="DeliveryPointValidationQueryRequest"
message="tns:DeliveryPointValidationQueryRequest"/>
                        <wsdl:output name="DeliveryPointValidationQueryResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryPointValidationQueryFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="PushSubscriptionCreate">
                        <wsdl:input name="PushSubscriptionCreateRequest"
message="tns:PushSubscriptionCreateRequest"/>
```

```
                        <wsdl:output name="PushSubscriptionCreateResponse"
message="tns:PushSubscriptionResponse"/>
                        <wsdl:fault name="PushSubscriptionCreateFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="PushSubscriptionUpdate">
                        <wsdl:input name="PushSubscriptionUpdateRequest"
message="tns:PushSubscriptionUpdateRequest"/>
                        <wsdl:output name="PushSubscriptionUpdateResponse"
message="tns:PushSubscriptionResponse"/>
                        <wsdl:fault name="PushSubscriptionUpdateFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="PushSubscriptionCancel">
                        <wsdl:input name="PushSubscriptionCancelRequest"
message="tns:PushSubscriptionCancelRequest"/>
                        <wsdl:output name="PushSubscriptionCancelResponse"
message="tns:PushSubscriptionResponse"/>
                        <wsdl:fault name="PushSubscriptionCancelFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <!-- REL22.0 (Port/Operation)    -->
                <wsdl:operation name="RequestBeginCombinedMailing">
                        <wsdl:input name="BeginCombinedMailingRequest"
message="tns:BeginCombinedMailingRequest"/>
                        <wsdl:output name="BeginCombinedMailingResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="BundleDetailCreate">
                        <wsdl:input name="BundleDetailCreateRequest"
message="tns:BundleDetailCreateRequest"/>
                        <wsdl:output name="BundleDetailCreateResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="BundleDetailCancel">
                        <wsdl:input name="BundleDetailCancelRequest"
message="tns:BundleDetailCancelRequest"/>
                        <wsdl:output name="BundleDetailCancelResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="CloseMailingGroup">
                        <wsdl:input name="CloseMailingGroupRequest"
message="tns:CloseMailingGroupRequest"/>
                        <wsdl:output name="CloseMailingGroupResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="ConsolidatedPeriodicalStatementCreate">
                        <wsdl:input name="ConsolidatedPeriodicalStatementCreateRequest"
message="tns:ConsolidatedPeriodicalStatementCreateRequest"/>
```

```
                        <wsdl:output name="ConsolidatedPeriodicalStatementCreateResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="ContainerBundleReportQuery">
                        <wsdl:input name="ContainerBundleReportQueryRequest"
message="tns:ContainerBundleReportQueryRequest"/>
                        <wsdl:output name="ContainerBundleReportQueryResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="ContainerBundleReportCreate">
                        <wsdl:input name="ContainerBundleReportCreateRequest"
message="tns:ContainerBundleReportCreateRequest"/>
                        <wsdl:output name="ContainerBundleReportCreateResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="ContainerBundleReportCancel">
                        <wsdl:input name="ContainerBundleReportCancelRequest"
message="tns:ContainerBundleReportCancelRequest"/>
                        <wsdl:output name="ContainerBundleReportCancelResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="ContainerBundleReportUpdate">
                        <wsdl:input name="ContainerBundleReportUpdateRequest"
message="tns:ContainerBundleReportUpdateRequest"/>
                        <wsdl:output name="ContainerBundleReportUpdateResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="EndCombinedMailing">
                        <wsdl:input name="EndCombinedMailingRequest"
message="tns:EndCombinedMailingRequest"/>
                        <wsdl:output name="EndCombinedMailingResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="MailDatContainerUpdate">
                        <wsdl:input name="MailDatContainerUpdateRequest"
message="tns:MailDatContainerUpdateRequest"/>
                        <wsdl:output name="MailDatContainerUpdateResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="MailPieceCreate">
                        <wsdl:input name="MailPieceCreateRequest"
message="tns:MailPieceCreateRequest"/>
```

```
                        <wsdl:output name="MailPieceCreateResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="MailPieceUpdate">
                        <wsdl:input name="MailPieceUpdateRequest"
message="tns:MailPieceUpdateRequest"/>
                        <wsdl:output name="MailPieceUpdateResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="MailPieceCancel">
                        <wsdl:input name="MailPieceCancelRequest"
message="tns:MailPieceCancelRequest"/>
                        <wsdl:output name="MailPieceCancelResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="OpenMailingGroup">
                        <wsdl:input name="OpenMailingGroupRequest"
message="tns:OpenMailingGroupRequest"/>
                        <wsdl:output name="OpenMailingGroupResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="OriginalContainerLinkageCreate">
                        <wsdl:input name="OriginalContainerLinkageCreateRequest"
message="tns:OriginalContainerLinkageCreateRequest"/>
                        <wsdl:output name="OriginalContainerLinkageCreateResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="OriginalContainerLinkageCancel">
                        <wsdl:input name="OriginalContainerLinkageCancelRequest"
message="tns:OriginalContainerLinkageCancelRequest"/>
                        <wsdl:output name="OriginalContainerLinkageCancelResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="PeriodicalStatementQuery">
                        <wsdl:input name="PeriodicalStatementQueryRequest"
message="tns:PeriodicalStatementQueryRequest"/>
                        <wsdl:output name="PeriodicalStatementQueryResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="PeriodicalStatementCreate">
                        <wsdl:input name="PeriodicalStatementCreateRequest"
message="tns:PeriodicalStatementCreateRequest"/>
```

```
                <wsdl:output name="PeriodicalStatementCreateResponse"
message="tns:AppointmentServiceResponse"/>
                <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
            </wsdl:operation>
            <wsdl:operation name="PeriodicalStatementCancel">
                <wsdl:input name="PeriodicalStatementCancelRequest"
message="tns:PeriodicalStatementCancelRequest"/>
                <wsdl:output name="PeriodicalStatementCancelResponse"
message="tns:AppointmentServiceResponse"/>
                <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
            </wsdl:operation>
            <wsdl:operation name="PostageAdjustmentCreate">
                <wsdl:input name="PostageAdjustmentCreateRequest"
message="tns:PostageAdjustmentCreateRequest"/>
                <wsdl:output name="PostageAdjustmentCreateResponse"
message="tns:AppointmentServiceResponse"/>
                <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
            </wsdl:operation>
            <wsdl:operation name="PostageStatementQuery">
                <wsdl:input name="PostageStatementQueryRequest"
message="tns:PostageStatementQueryRequest"/>
                <wsdl:output name="PostageStatementQueryResponse"
message="tns:AppointmentServiceResponse"/>
                <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
            </wsdl:operation>
            <wsdl:operation name="PostageStatementCreate">
                <wsdl:input name="PostageStatementCreateRequest"
message="tns:PostageStatementCreateRequest"/>
                <wsdl:output name="PostageStatementCreateResponse"
message="tns:AppointmentServiceResponse"/>
                <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
            </wsdl:operation>
            <wsdl:operation name="PostageStatementCancel">
                <wsdl:input name="PostageStatementCancelRequest"
message="tns:PostageStatementCancelRequest"/>
                <wsdl:output name="PostageStatementCancelResponse"
message="tns:AppointmentServiceResponse"/>
                <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
            </wsdl:operation>
            <wsdl:operation name="PostageStatementStatusQuery">
                <wsdl:input name="PostageStatementStatusQueryRequest"
message="tns:PostageStatementStatusQueryRequest"/>
                <wsdl:output name="PostageStatementStatusQueryResponse"
message="tns:AppointmentServiceResponse"/>
                <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
            </wsdl:operation>
            <wsdl:operation name="QualificationReportCreate">
                <wsdl:input name="QualificationReportCreateRequest"
message="tns:QualificationReportCreateRequest"/>
```

```
                        <wsdl:output name="QualificationReportCreateResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="FullServiceeDocDataQualityVerification">
                        <wsdl:input name="FullServiceeDocDataQualityVerificationRequest"
message="tns:FullServiceeDocDataQualityVerificationRequest"/>
                        <wsdl:output name="FullServiceeDocDataQualityVerificationResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="SibilingContainerCreate">
                        <wsdl:input name="SibilingContainerCreateRequest"
message="tns:SibilingContainerCreateRequest"/>
                        <wsdl:output name="SibilingContainerCreateResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="SibilingContainerCancel">
                        <wsdl:input name="SibilingContainerCancelRequest"
message="tns:SibilingContainerCancelRequest"/>
                        <wsdl:output name="SibilingContainerCancelResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="USPSCRIDQuery">
                        <wsdl:input name="USPSCRIDQueryRequest"
message="tns:USPSCRIDQueryRequest"/>
                        <wsdl:output name="USPSCRIDQueryResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="USPSCRIDCreate">
                        <wsdl:input name="USPSCRIDCreateRequest"
message="tns:USPSCRIDCreateRequest"/>
                        <wsdl:output name="USPSCRIDCreateResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="USPSMIDQuery">
                        <wsdl:input name="USPSMIDQueryRequest"
message="tns:USPSMIDQueryRequest"/>
                        <wsdl:output name="USPSMIDQueryResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="USPSMIDCreate">
                        <wsdl:input name="USPSMIDCreateRequest"
message="tns:USPSMIDCreateRequest"/>
```

```
                        <wsdl:output name="USPSMIDCreateResponse"
message="tns:AppointmentServiceResponse"/>
                        <wsdl:fault name="DeliveryApptFault"
message="tns:POAppointmentServicesFault"/>
                </wsdl:operation>
        </wsdl:portType>
        <wsdl:binding name="POAppointmentServicesSoapBinding"
type="tns:POAppointmentServicesPortType">
                <soap:binding style="document" transport="http://schemas.xmlsoap.org/soap/http"/>
                <wsdl:operation name="QueryDeliveryAppt">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/queryDeliveryAppt"/>
                        <wsdl:input name="DeliveryApptQueryRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="DeliveryApptQueryResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="DeliveryApptQueryFault">
                                <soap:fault name="DeliveryApptQueryFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="RequestDeliveryAppt">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/requestDeliveryAppt"/>
                        <wsdl:input name="DeliveryApptRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="DeliveryApptResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="DeliveryApptFault">
                                <soap:fault name="DeliveryApptFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="UpdateDeliveryAppt">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/updateDeliveryAppt"/>
                        <wsdl:input name="DeliveryApptUpdateRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="DeliveryApptUpdateResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="DeliveryApptUpdateFault">
                                <soap:fault name="DeliveryApptUpdateFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="CancelDeliveryAppt">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/cancelDeliveryAppt"/>
                        <wsdl:input name="DeliveryApptCancelRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="DeliveryApptCancelResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
```

```
                <wsdl:fault name="DeliveryApptCancelFault">
                        <soap:fault name="DeliveryApptCancelFault" use="literal"/>
                </wsdl:fault>
        </wsdl:operation>
        <wsdl:operation name="GetDeliveryApptStatus">
                <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/getDeliveryApptStatus"/>
                <wsdl:input name="DeliveryApptStatusRequest">
                        <soap:body use="literal"/>
                </wsdl:input>
                <wsdl:output name="DeliveryApptStatusResponse">
                        <soap:body use="literal"/>
                </wsdl:output>
                <wsdl:fault name="DeliveryApptStatusFault">
                        <soap:fault name="DeliveryApptStatusFault" use="literal"/>
                </wsdl:fault>
        </wsdl:operation>
        <wsdl:operation name="GetAllDeliveryApptCloseouts">
                <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/getAllDeliveryApptCloseouts
"/>
                <wsdl:input name="AllDeliveryApptCloseoutRequest">
                        <soap:body use="literal"/>
                </wsdl:input>
                <wsdl:output name="AllDeliveryApptCloseoutResponse">
                        <soap:body use="literal"/>
                </wsdl:output>
                <wsdl:fault name="AllDeliveryApptCloseoutFault">
                        <soap:fault name="AllDeliveryApptCloseoutFault" use="literal"/>
                </wsdl:fault>
        </wsdl:operation>
        <wsdl:operation name="RetrieveAppointmentResponses">
                <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/retrieveAppointmentRespon
ses"/>
                <wsdl:input name="ApptResponseRetrievalRequest">
                        <soap:body use="literal"/>
                </wsdl:input>
                <wsdl:output name="ApptResponseRetrievalResponse">
                        <soap:body use="literal"/>
                </wsdl:output>
                <wsdl:fault name="ApptResponseRetrievalFault">
                        <soap:fault name="ApptResponseRetrievalFault" use="literal"/>
                </wsdl:fault>
        </wsdl:operation>
        <wsdl:operation name="DeliveryApptContentCreate">
                <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/DeliveryApptContentCreate"/
>
                <wsdl:input name="DeliveryApptContentCreateRequest">
                        <soap:body use="literal"/>
                </wsdl:input>
                <wsdl:output name="DeliveryApptContentCreateResponse">
                        <soap:body use="literal"/>
                </wsdl:output>
                <wsdl:fault name="DeliveryApptContentCreateFault">
                        <soap:fault name="DeliveryApptContentCreateFault" use="literal"/>
```

```
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="DeliveryApptContentUpdate">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/DeliveryApptContentUpdate"
/>
                        <wsdl:input name="DeliveryApptContentUpdateRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="DeliveryApptContentUpdateResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="DeliveryApptContentUpdateFault">
                                <soap:fault name="DeliveryApptContentUpdateFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="DeliveryApptContentCancel">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/DeliveryApptContentCancel"
/>
                        <wsdl:input name="DeliveryApptContentCancelRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="DeliveryApptContentCancelResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="DeliveryApptContentCancelFault">
                                <soap:fault name="DeliveryApptContentCancelFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="DeliveryContentQuery">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/DeliveryContentQuery"/>
                        <wsdl:input name="DeliveryContentQueryRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="DeliveryContentQueryResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="DeliveryContentQueryFault">
                                <soap:fault name="DeliveryContentQueryFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="DeliveryApptShell">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/DeliveryApptShell"/>
                        <wsdl:input name="DeliveryApptShellRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="DeliveryApptShellResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="DeliveryApptShellFault">
                                <soap:fault name="DeliveryApptShellFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="DeliveryApptShellUpdate">
```

```
                <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/DeliveryApptShellUpdate"/>
                <wsdl:input name="DeliveryApptShellUpdateRequest">
                        <soap:body use="literal"/>
                </wsdl:input>
                <wsdl:output name="DeliveryApptShellUpdateResponse">
                        <soap:body use="literal"/>
                </wsdl:output>
                <wsdl:fault name="DeliveryApptShellUpdateFault">
                        <soap:fault name="DeliveryApptShellUpdateFault" use="literal"/>
                </wsdl:fault>
        </wsdl:operation>
        <wsdl:operation name="DeliveryApptShellCancel">
                <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/DeliveryApptShellCancel"/>
                <wsdl:input name="DeliveryApptShellCancelRequest">
                        <soap:body use="literal"/>
                </wsdl:input>
                <wsdl:output name="DeliveryApptShellCancelResponse">
                        <soap:body use="literal"/>
                </wsdl:output>
                <wsdl:fault name="DeliveryApptShellCancelFault">
                        <soap:fault name="DeliveryApptShellCancelFault" use="literal"/>
                </wsdl:fault>
        </wsdl:operation>
        <wsdl:operation name="DeliveryApptCancelCreate">
                <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/DeliveryApptCancelCreate"/
>
                <wsdl:input name="DeliveryApptCancelCreateRequest">
                        <soap:body use="literal"/>
                </wsdl:input>
                <wsdl:output name="DeliveryApptCancelCreateResponse">
                        <soap:body use="literal"/>
                </wsdl:output>
                <wsdl:fault name="DeliveryApptCancelCreateFault">
                        <soap:fault name="DeliveryApptCancelCreateFault" use="literal"/>
                </wsdl:fault>
        </wsdl:operation>
        <wsdl:operation name="RecurringApptQuery">
                <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/RecurringApptQuery"/>
                <wsdl:input name="RecurringApptQueryRequest">
                        <soap:body use="literal"/>
                </wsdl:input>
                <wsdl:output name="RecurringApptQueryResponse">
                        <soap:body use="literal"/>
                </wsdl:output>
                <wsdl:fault name="RecurringApptQueryFault">
                        <soap:fault name="RecurringApptQueryFault" use="literal"/>
                </wsdl:fault>
        </wsdl:operation>
        <wsdl:operation name="MessageResponseRetrieval">
                <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/MessageResponseRetrieval
"/>
                <wsdl:input name="MessageResponseRetrievalRequest">
```

```
                        <soap:body use="literal"/>
                    </wsdl:input>
                    <wsdl:output name="MessageResponseRetrievalResponse">
                        <soap:body use="literal"/>
                    </wsdl:output>
                    <wsdl:fault name="MessageResponseRetrievalFault">
                        <soap:fault name="MessageResponseRetrievalFault" use="literal"/>
                    </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="MailingGroupQuery">
                    <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/MailingGroupQuery"/>
                    <wsdl:input name="MailingGroupQueryRequest">
                        <soap:body use="literal"/>
                    </wsdl:input>
                    <wsdl:output name="MailingGroupQueryResponse">
                        <soap:body use="literal"/>
                    </wsdl:output>
                    <wsdl:fault name="MailingGroupQueryFault">
                        <soap:fault name="MailingGroupQueryFault" use="literal"/>
                    </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="PaymentMessageQuery">
                    <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/PaymentMessageQuery"/>
                    <wsdl:input name="PaymentMessageQueryRequest">
                        <soap:body use="literal"/>
                    </wsdl:input>
                    <wsdl:output name="PaymentMessageQueryResponse">
                        <soap:body use="literal"/>
                    </wsdl:output>
                    <wsdl:fault name="PaymentMessageQueryFault">
                        <soap:fault name="PaymentMessageQueryFault" use="literal"/>
                    </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="ReconciliationReportQuery">
                    <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/ReconciliationReportQuery"/
>
                    <wsdl:input name="ReconciliationReportQueryRequest">
                        <soap:body use="literal"/>
                    </wsdl:input>
                    <wsdl:output name="ReconciliationReportQueryResponse">
                        <soap:body use="literal"/>
                    </wsdl:output>
                    <wsdl:fault name="ReconciliationReportQueryFault">
                        <soap:fault name="ReconciliationReportQueryFault" use="literal"/>
                    </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="ContainerStatusQuery">
                    <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/ContainerStatusQuery"/>
                    <wsdl:input name="ContainerStatusQueryRequest">
                        <soap:body use="literal"/>
                    </wsdl:input>
                    <wsdl:output name="ContainerStatusQueryResponse">
                        <soap:body use="literal"/>
```

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                        </wsdl:output>
                        <wsdl:fault name="ContainerStatusQueryFault">
                                <soap:fault name="ContainerStatusQueryFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="PartnerApptQuery">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/PartnerApptQuery"/>
                        <wsdl:input name="PartnerApptQueryRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="PartnerApptQueryResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="PartnerApptQueryFault">
                                <soap:fault name="PartnerApptQueryFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="CustomerSupplierAgreementQuery">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/CustomerSupplierAgreemen
tQuery"/>
                        <wsdl:input name="CustomerSupplierAgreementQueryRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="CustomerSupplierAgreementQueryResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="CustomerSupplierAgreementQueryFault">
                                <soap:fault name="CustomerSupplierAgreementQueryFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="FullServiceAddressCorrectionQuery">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/FullServiceAddressCorrectionQuery"/>
                        <wsdl:input name="FullServiceAddressCorrectionQueryRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="FullServiceAddressCorrectionQueryResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="FullServiceAddressCorrectionQueryFault">
                                <soap:fault name="FullServiceAddressCorrectionQueryFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="FullServiceContainerVisibilityQuery">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/FullServiceContainerVisibilityQuery"/>
                        <wsdl:input name="FullServiceContainerVisibilityQueryRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="FullServiceContainerVisibilityQueryResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="FullServiceContainerVisibilityQueryFault">
                                <soap:fault name="FullServiceContainerVisibilityQueryFault" use="literal"/>
                        </wsdl:fault>
```

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		</wsdl:operation>
		<wsdl:operation name="FullServiceNixieDetailQuery">
			<soap:operation
soapAction="https://www.uspspostalone.com/ops/services/FullServiceNixieDetailQuery"/>
			<wsdl:input name="FullServiceNixieDetailQueryRequest">
				<soap:body use="literal"/>
			</wsdl:input>
			<wsdl:output name="FullServiceNixieDetailQueryResponse">
				<soap:body use="literal"/>
			</wsdl:output>
			<wsdl:fault name="FullServiceNixieDetailQueryFault">
				<soap:fault name="FullServiceNixieDetailQueryFault" use="literal"/>
			</wsdl:fault>
		</wsdl:operation>
		<wsdl:operation name="StartTheClockQuery">
			<soap:operation
soapAction="https://www.uspspostalone.com/ops/services/StartTheClockQuery"/>
			<wsdl:input name="StartTheClockQueryRequest">
				<soap:body use="literal"/>
			</wsdl:input>
			<wsdl:output name="StartTheClockQueryResponse">
				<soap:body use="literal"/>
			</wsdl:output>
			<wsdl:fault name="StartTheClockQueryFault">
				<soap:fault name="StartTheClockQueryFault" use="literal"/>
			</wsdl:fault>
		</wsdl:operation>
		<wsdl:operation name="ByForConflictQuery">
			<soap:operation
soapAction="https://www.uspspostalone.com/ops/services/ByForConflictQuery"/>
			<wsdl:input name="ByForConflictQueryRequest">
				<soap:body use="literal"/>
			</wsdl:input>
			<wsdl:output name="ByForConflictQueryResponse">
				<soap:body use="literal"/>
			</wsdl:output>
			<wsdl:fault name="ByForConflictQueryFault">
				<soap:fault name="ByForConflictQueryFault" use="literal"/>
			</wsdl:fault>
		</wsdl:operation>
		<wsdl:operation name="CastofCharactersCreate">
			<soap:operation
soapAction="https://www.uspspostalone.com/ops/services/CastofCharactersCreate"/>
			<wsdl:input name="CastofCharactersCreateRequest">
				<soap:body use="literal"/>
			</wsdl:input>
			<wsdl:output name="CastofCharactersCreateResponse">
				<soap:body use="literal"/>
			</wsdl:output>
			<wsdl:fault name="CastofCharactersCreateFault">
				<soap:fault name="CastofCharactersCreateFault" use="literal"/>
			</wsdl:fault>
		</wsdl:operation>
		<wsdl:operation name="CastofCharactersUpdate">
			<soap:operation
soapAction="https://www.uspspostalone.com/ops/services/CastofCharactersUpdate"/>
			<wsdl:input name="CastofCharactersUpdateRequest">
```

```
                        <soap:body use="literal"/>
                    </wsdl:input>
                    <wsdl:output name="CastofCharactersUpdateResponse">
                        <soap:body use="literal"/>
                    </wsdl:output>
                    <wsdl:fault name="CastofCharactersUpdateFault">
                        <soap:fault name="CastofCharactersUpdateFault" use="literal"/>
                    </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="CastofCharactersCancel">
                    <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/CastofCharactersCancel"/>
                    <wsdl:input name="CastofCharactersCancelRequest">
                        <soap:body use="literal"/>
                    </wsdl:input>
                    <wsdl:output name="CastofCharactersCancelResponse">
                        <soap:body use="literal"/>
                    </wsdl:output>
                    <wsdl:fault name="CastofCharactersCancelFault">
                        <soap:fault name="CastofCharactersCancelFault" use="literal"/>
                    </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="DeliveryPointValidationQuery">
                    <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/DeliveryPointValidationQuery"/>
                    <wsdl:input name="DeliveryPointValidationQueryRequest">
                        <soap:body use="literal"/>
                    </wsdl:input>
                    <wsdl:output name="DeliveryPointValidationQueryResponse">
                        <soap:body use="literal"/>
                    </wsdl:output>
                    <wsdl:fault name="DeliveryPointValidationQueryFault">
                        <soap:fault name="DeliveryPointValidationQueryFault" use="literal"/>
                    </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="PushSubscriptionCreate">
                    <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/PushSubscriptionCreate"/>
                    <wsdl:input name="PushSubscriptionCreateRequest">
                        <soap:body use="literal"/>
                    </wsdl:input>
                    <wsdl:output name="PushSubscriptionCreateResponse">
                        <soap:body use="literal"/>
                    </wsdl:output>
                    <wsdl:fault name="PushSubscriptionCreateFault">
                        <soap:fault name="PushSubscriptionCreateFault" use="literal"/>
                    </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="PushSubscriptionUpdate">
                    <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/PushSubscriptionUpdate"/>
                    <wsdl:input name="PushSubscriptionUpdateRequest">
                        <soap:body use="literal"/>
                    </wsdl:input>
                    <wsdl:output name="PushSubscriptionUpdateResponse">
                        <soap:body use="literal"/>
                    </wsdl:output>
```

```
                        <wsdl:fault name="PushSubscriptionUpdateFault">
                                <soap:fault name="PushSubscriptionUpdateFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="PushSubscriptionCancel">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/PushSubscriptionCancel"/>
                        <wsdl:input name="PushSubscriptionCancelRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="PushSubscriptionCancelResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="PushSubscriptionCancelFault">
                                <soap:fault name="PushSubscriptionCancelFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <!-- REL22.0 (Binding/Operation)    -->
                <wsdl:operation name="RequestBeginCombinedMailing">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/requestBeginCombinedMailing"/>
                        <wsdl:input name="BeginCombinedMailingRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="BeginCombinedMailingResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="DeliveryApptFault">
                                <soap:fault name="DeliveryApptFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="BundleDetailCreate">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/BundleDetailCreate"/>
                        <wsdl:input name="BundleDetailCreateRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="BundleDetailCreateResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="DeliveryApptFault">
                                <soap:fault name="DeliveryApptFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="BundleDetailCancel">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/BundleDetailCancel"/>
                        <wsdl:input name="BundleDetailCancelRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="BundleDetailCancelResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="DeliveryApptFault">
                                <soap:fault name="DeliveryApptFault" use="literal"/>
                        </wsdl:fault>
```

```
		</wsdl:operation>
		<wsdl:operation name="CloseMailingGroup">
			<soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/CloseMailingGroup"/>
			<wsdl:input name="CloseMailingGroupRequest">
				<soap:body use="literal"/>
			</wsdl:input>
			<wsdl:output name="CloseMailingGroupResponse">
				<soap:body use="literal"/>
			</wsdl:output>
			<wsdl:fault name="DeliveryApptFault">
				<soap:fault name="DeliveryApptFault" use="literal"/>
			</wsdl:fault>
		</wsdl:operation>
		<wsdl:operation name="ConsolidatedPeriodicalStatementCreate">
			<soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/ConsolidatedPeriodicalState
mentCreate"/>
			<wsdl:input name="ConsolidatedPeriodicalStatementCreateRequest">
				<soap:body use="literal"/>
			</wsdl:input>
			<wsdl:output name="ConsolidatedPeriodicalStatementCreateResponse">
				<soap:body use="literal"/>
			</wsdl:output>
			<wsdl:fault name="DeliveryApptFault">
				<soap:fault name="DeliveryApptFault" use="literal"/>
			</wsdl:fault>
		</wsdl:operation>
		<wsdl:operation name="ContainerBundleReportQuery">
			<soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/ContainerBundleReportQuer
y"/>
			<wsdl:input name="ContainerBundleReportQueryRequest">
				<soap:body use="literal"/>
			</wsdl:input>
			<wsdl:output name="ContainerBundleReportQueryResponse">
				<soap:body use="literal"/>
			</wsdl:output>
			<wsdl:fault name="DeliveryApptFault">
				<soap:fault name="DeliveryApptFault" use="literal"/>
			</wsdl:fault>
		</wsdl:operation>
		<wsdl:operation name="ContainerBundleReportCreate">
			<soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/ContainerBundleReportCrea
te"/>
			<wsdl:input name="ContainerBundleReportCreateRequest">
				<soap:body use="literal"/>
			</wsdl:input>
			<wsdl:output name="ContainerBundleReportCreateResponse">
				<soap:body use="literal"/>
			</wsdl:output>
			<wsdl:fault name="DeliveryApptFault">
				<soap:fault name="DeliveryApptFault" use="literal"/>
			</wsdl:fault>
		</wsdl:operation>
		<wsdl:operation name="ContainerBundleReportCancel">
```

```
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/ContainerBundleReportCan
cel"/>
                        <wsdl:input name="ContainerBundleReportCancelRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="ContainerBundleReportCancelResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="DeliveryApptFault">
                                <soap:fault name="DeliveryApptFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="ContainerBundleReportUpdate">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/ContainerBundleReportUpd
ate"/>
                        <wsdl:input name="ContainerBundleReportUpdateRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="ContainerBundleReportUpdateResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="DeliveryApptFault">
                                <soap:fault name="DeliveryApptFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="EndCombinedMailing">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/EndCombinedMailing"/>
                        <wsdl:input name="EndCombinedMailingRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="EndCombinedMailingResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="DeliveryApptFault">
                                <soap:fault name="DeliveryApptFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="MailDatContainerUpdate">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/MailDatContainerUpdate"/>
                        <wsdl:input name="MailDatContainerUpdateRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="MailDatContainerUpdateResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="DeliveryApptFault">
                                <soap:fault name="DeliveryApptFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="MailPieceCreate">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/MailPieceCreate"/>
                        <wsdl:input name="MailPieceCreateRequest">
```

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                        <soap:body use="literal"/>
                    </wsdl:input>
                    <wsdl:output name="MailPieceCreateResponse">
                        <soap:body use="literal"/>
                    </wsdl:output>
                    <wsdl:fault name="DeliveryApptFault">
                        <soap:fault name="DeliveryApptFault" use="literal"/>
                    </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="MailPieceUpdate">
                    <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/MailPieceUpdate"/>
                    <wsdl:input name="MailPieceUpdateRequest">
                        <soap:body use="literal"/>
                    </wsdl:input>
                    <wsdl:output name="MailPieceUpdateResponse">
                        <soap:body use="literal"/>
                    </wsdl:output>
                    <wsdl:fault name="DeliveryApptFault">
                        <soap:fault name="DeliveryApptFault" use="literal"/>
                    </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="MailPieceCancel">
                    <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/MailPieceCancel"/>
                    <wsdl:input name="MailPieceCancelRequest">
                        <soap:body use="literal"/>
                    </wsdl:input>
                    <wsdl:output name="MailPieceCancelResponse">
                        <soap:body use="literal"/>
                    </wsdl:output>
                    <wsdl:fault name="DeliveryApptFault">
                        <soap:fault name="DeliveryApptFault" use="literal"/>
                    </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="OpenMailingGroup">
                    <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/OpenMailingGroup"/>
                    <wsdl:input name="OpenMailingGroupRequest">
                        <soap:body use="literal"/>
                    </wsdl:input>
                    <wsdl:output name="OpenMailingGroupResponse">
                        <soap:body use="literal"/>
                    </wsdl:output>
                    <wsdl:fault name="DeliveryApptFault">
                        <soap:fault name="DeliveryApptFault" use="literal"/>
                    </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="OriginalContainerLinkageCreate">
                    <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/OriginalContainerLinkageCr
eate"/>
                    <wsdl:input name="OriginalContainerLinkageCreateRequest">
                        <soap:body use="literal"/>
                    </wsdl:input>
                    <wsdl:output name="OriginalContainerLinkageCreateResponse">
                        <soap:body use="literal"/>
```

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                        </wsdl:output>
                        <wsdl:fault name="DeliveryApptFault">
                                <soap:fault name="DeliveryApptFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="OriginalContainerLinkageCancel">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/OriginalContainerLinkageCa
ncel"/>
                        <wsdl:input name="OriginalContainerLinkageCancelRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="OriginalContainerLinkageCancelResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="DeliveryApptFault">
                                <soap:fault name="DeliveryApptFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="PeriodicalStatementQuery">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/PeriodicalStatementQuery"/
>
                        <wsdl:input name="PeriodicalStatementQueryRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="PeriodicalStatementQueryResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="DeliveryApptFault">
                                <soap:fault name="DeliveryApptFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="PeriodicalStatementCreate">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/PeriodicalStatementCreate"/
>
                        <wsdl:input name="PeriodicalStatementCreateRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="PeriodicalStatementCreateResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="DeliveryApptFault">
                                <soap:fault name="DeliveryApptFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="PeriodicalStatementCancel">
                        <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/PeriodicalStatementCancel"/
>
                        <wsdl:input name="PeriodicalStatementCancelRequest">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="PeriodicalStatementCancelResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
```

```
                <wsdl:fault name="DeliveryApptFault">
                        <soap:fault name="DeliveryApptFault" use="literal"/>
                </wsdl:fault>
        </wsdl:operation>
        <wsdl:operation name="PostageAdjustmentCreate">
                <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/PostageAdjustmentCreate"/
>
                <wsdl:input name="PostageAdjustmentCreateRequest">
                        <soap:body use="literal"/>
                </wsdl:input>
                <wsdl:output name="PostageAdjustmentCreateResponse">
                        <soap:body use="literal"/>
                </wsdl:output>
                <wsdl:fault name="DeliveryApptFault">
                        <soap:fault name="DeliveryApptFault" use="literal"/>
                </wsdl:fault>
        </wsdl:operation>
        <wsdl:operation name="PostageStatementQuery">
                <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/PostageStatementQuery"/>
                <wsdl:input name="PostageStatementQueryRequest">
                        <soap:body use="literal"/>
                </wsdl:input>
                <wsdl:output name="PostageStatementQueryResponse">
                        <soap:body use="literal"/>
                </wsdl:output>
                <wsdl:fault name="DeliveryApptFault">
                        <soap:fault name="DeliveryApptFault" use="literal"/>
                </wsdl:fault>
        </wsdl:operation>
        <wsdl:operation name="PostageStatementCreate">
                <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/PostageStatementCreate"/>
                <wsdl:input name="PostageStatementCreateRequest">
                        <soap:body use="literal"/>
                </wsdl:input>
                <wsdl:output name="PostageStatementCreateResponse">
                        <soap:body use="literal"/>
                </wsdl:output>
                <wsdl:fault name="DeliveryApptFault">
                        <soap:fault name="DeliveryApptFault" use="literal"/>
                </wsdl:fault>
        </wsdl:operation>
        <wsdl:operation name="PostageStatementCancel">
                <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/PostageStatementCancel"/>
                <wsdl:input name="PostageStatementCancelRequest">
                        <soap:body use="literal"/>
                </wsdl:input>
                <wsdl:output name="PostageStatementCancelResponse">
                        <soap:body use="literal"/>
                </wsdl:output>
                <wsdl:fault name="DeliveryApptFault">
                        <soap:fault name="DeliveryApptFault" use="literal"/>
                </wsdl:fault>
        </wsdl:operation>
```

```
		<wsdl:operation name="PostageStatementStatusQuery">
			<soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/PostageStatementStatusQu
ery"/>
			<wsdl:input name="PostageStatementStatusQueryRequest">
				<soap:body use="literal"/>
			</wsdl:input>
			<wsdl:output name="PostageStatementStatusQueryResponse">
				<soap:body use="literal"/>
			</wsdl:output>
			<wsdl:fault name="DeliveryApptFault">
				<soap:fault name="DeliveryApptFault" use="literal"/>
			</wsdl:fault>
		</wsdl:operation>
		<wsdl:operation name="QualificationReportCreate">
			<soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/QualificationReportCreate"/>
			<wsdl:input name="QualificationReportCreateRequest">
				<soap:body use="literal"/>
			</wsdl:input>
			<wsdl:output name="QualificationReportCreateResponse">
				<soap:body use="literal"/>
			</wsdl:output>
			<wsdl:fault name="DeliveryApptFault">
				<soap:fault name="DeliveryApptFault" use="literal"/>
			</wsdl:fault>
		</wsdl:operation>
		<wsdl:operation name="FullServiceeDocDataQualityVerification">
			<soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/FullServiceeDocDataQuality
Verification"/>
			<wsdl:input name="FullServiceeDocDataQualityVerificationRequest">
				<soap:body use="literal"/>
			</wsdl:input>
			<wsdl:output name="FullServiceeDocDataQualityVerificationResponse">
				<soap:body use="literal"/>
			</wsdl:output>
			<wsdl:fault name="DeliveryApptFault">
				<soap:fault name="DeliveryApptFault" use="literal"/>
			</wsdl:fault>
		</wsdl:operation>
		<wsdl:operation name="SibilingContainerCreate">
			<soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/SibilingContainerCreate"/>
			<wsdl:input name="SibilingContainerCreateRequest">
				<soap:body use="literal"/>
			</wsdl:input>
			<wsdl:output name="SibilingContainerCreateResponse">
				<soap:body use="literal"/>
			</wsdl:output>
			<wsdl:fault name="DeliveryApptFault">
				<soap:fault name="DeliveryApptFault" use="literal"/>
			</wsdl:fault>
		</wsdl:operation>
	</wsdl:binding>
	<wsdl:service name="POAppointmentServices">
```

```
                <wsdl:port name="POAppointmentServices"
binding="tns:POAppointmentServicesSoapBinding">
                        <soap:address
location="https://hostname/MLXMLServicesWeb/services/POAppointmentServices"/>
                </wsdl:port>
        </wsdl:service>
        <!-- REL22.0 (Message definition)    -->
        <wsdl:operation name="SibilingContainerCancel">
                <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/SibilingContainerCancel"/>
                <wsdl:input name="SibilingContainerCancelRequest">
                        <soap:body use="literal"/>
                </wsdl:input>
                <wsdl:output name="SibilingContainerCancelResponse">
                        <soap:body use="literal"/>
                </wsdl:output>
                <wsdl:fault name="DeliveryApptFault">
                        <soap:fault name="DeliveryApptFault" use="literal"/>
                </wsdl:fault>
        </wsdl:operation>
        <wsdl:operation name="USPSCRIDQuery">
                <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/USPSCRIDQuery"/>
                <wsdl:input name="USPSCRIDQueryRequest">
                        <soap:body use="literal"/>
                </wsdl:input>
                <wsdl:output name="USPSCRIDQueryResponse">
                        <soap:body use="literal"/>
                </wsdl:output>
                <wsdl:fault name="DeliveryApptFault">
                        <soap:fault name="DeliveryApptFault" use="literal"/>
                </wsdl:fault>
        </wsdl:operation>
        <wsdl:operation name="USPSCRIDCreate">
                <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/USPSCRIDCreate"/>
                <wsdl:input name="USPSCRIDCreateRequest">
                        <soap:body use="literal"/>
                </wsdl:input>
                <wsdl:output name="USPSCRIDCreateResponse">
                        <soap:body use="literal"/>
                </wsdl:output>
                <wsdl:fault name="DeliveryApptFault">
                        <soap:fault name="DeliveryApptFault" use="literal"/>
                </wsdl:fault>
        </wsdl:operation>
        <wsdl:operation name="USPSMIDQuery">
                <soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/USPSMIDQuery"/>
                <wsdl:input name="USPSMIDQueryRequest">
                        <soap:body use="literal"/>
                </wsdl:input>
                <wsdl:output name="USPSMIDQueryResponse">
                        <soap:body use="literal"/>
                </wsdl:output>
                <wsdl:fault name="DeliveryApptFault">
                        <soap:fault name="DeliveryApptFault" use="literal"/>
```

```
		</wsdl:fault>
	</wsdl:operation>
	<wsdl:operation name="USPSMIDCreate">
		<soap:operation
soapAction="https://www.uspspostalone.com/ops/services/AppointmentService/USPSMIDCreate"/>
		<wsdl:input name="USPSMIDCreateRequest">
			<soap:body use="literal"/>
		</wsdl:input>
		<wsdl:output name="USPSMIDCreateResponse">
			<soap:body use="literal"/>
		</wsdl:output>
		<wsdl:fault name="DeliveryApptFault">
			<soap:fault name="DeliveryApptFault" use="literal"/>
		</wsdl:fault>
	</wsdl:operation>
</wsdl:definitions>
```

++

PUSH User Profile

++

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:pdd="http://www.usps.com/postalone/services/PushUserProfileSchema"
targetNamespace="http://www.usps.com/postalone/services/PushUserProfileSchema" version="1.0.0">
	<xs:annotation>
		<xs:documentation xml:lang="en">PostalOne! business entity
subscription</xs:documentation>
	</xs:annotation>
	<xs:element name="CreateProfileRequest" type="pdd:createProfileRequestType"/>
	<xs:element name="UpdateProfileRequest" type="pdd:updateProfileRequestType"/>
	<xs:element name="CancelProfileRequest" type="pdd:cancelProfileRequestType"/>
	<xs:element name="ProfileResponse" type="pdd:profileResponseType"/>
	<!-- New subscription request -->
	<xs:complexType name="createProfileRequestType">
		<xs:sequence>
			<xs:element name="BusinessEntity" type="pdd:businessEntityType"/>
			<xs:element name="MessageType" type="pdd:messageType"/>
			<xs:element name="PushType" type="pdd:pushType"/>
			<xs:element name="ExternalSystemUserId" type="pdd:usernameType"/>
			<xs:element name="ExternalSystemPassword" type="pdd:passwordType"/>
			<xs:element name="ExternalSystemConfirmPassword" type="pdd:passwordType"/>
			<xs:element name="ExternalSystemURL" type="xs:string"/>
			<xs:element name="PushStartDate" type="pdd:dateType"/>
			<xs:element name="PushFrequency" type="pdd:pushFrequencyType"/>
		</xs:sequence>
	</xs:complexType>
```

```
<!-- Edit an existing subscription request -->
<xs:complexType name="updateProfileRequestType">
	<xs:sequence>
		<xs:element name="BusinessEntity" type="pdd:businessEntityType"/>
		<xs:element name="MessageType" type="pdd:messageType"/>
		<xs:element name="PushType" type="pdd:pushType"/>
		<xs:element name="ExternalSystemUserId" type="pdd:usernameType"/>
		<xs:element name="ExternalSystemPassword" type="pdd:passwordType"/>
		<xs:element name="ExternalSystemConfirmPassword" type="pdd:passwordType"/>
		<xs:element name="ExternalSystemURL" type="xs:string"/>
		<xs:element name="PushStartDate" type="pdd:dateType"/>
		<xs:element name="PushFrequency" type="pdd:pushFrequencyType"/>
	</xs:sequence>
</xs:complexType>
<!-- Unsubscribing a subscription request -->
<xs:complexType name="cancelProfileRequestType">
	<xs:sequence>
		<xs:element name="BusinessEntity" type="pdd:businessEntityType"/>
		<xs:element name="MessageType" type="pdd:messageType"/>
	</xs:sequence>
</xs:complexType>
<!-- Successfull or Error responses -->
<xs:complexType name="profileResponseType">
	<xs:sequence>
		<xs:element name="RequestString" type="xs:string" minOccurs="0"/>
		<xs:element name="Status" type="pdd:responseStatusType"/>
		<xs:element name="Error" type="pdd:errorType" minOccurs="0"/>
	</xs:sequence>
</xs:complexType>
<!-- The sender needs to provide a key/id which can identify a business entity uniquely -->
<xs:complexType name="businessEntityType">
	<xs:sequence>
		<xs:element name="LocationId" type="xs:string"/>
	</xs:sequence>
</xs:complexType>
<xs:simpleType name="messageType">
	<xs:restriction base="xs:string">
		<xs:enumeration value="Address Correction"/>
		<xs:enumeration value="Container Visibility"/>
		<xs:enumeration value="Nixie Detail"/>
		<xs:enumeration value="Start the Clock"/>
	</xs:restriction>
</xs:simpleType>
<xs:simpleType name="pushType">
	<xs:restriction base="xs:string">
		<xs:enumeration value="Delivery"/>
		<xs:enumeration value="Notification"/>
	</xs:restriction>
</xs:simpleType>
<!-- User id of the external system getting the data by push -->
<xs:simpleType name="usernameType">
	<xs:restriction base="xs:string">
		<xs:minLength value="2"/>
		<xs:maxLength value="30"/>
	</xs:restriction>
</xs:simpleType>
<!-- Password of the external system getting the data by push -->
```

```
        <xs:simpleType name="passwordType">
                <xs:restriction base="xs:string">
                        <xs:minLength value="2"/>
                        <xs:maxLength value="40"/>
                </xs:restriction>
        </xs:simpleType>
        <!-- The date should be formatted as MM/DD/YYYY, i.e. 09/23/2007 -->
        <xs:simpleType name="dateType">
                <xs:restriction base="xs:string">
                        <xs:pattern value="[0-1][0-9][/][0-3][0-9][/][0-2][0-2][0-9][0-9]"/>
                </xs:restriction>
        </xs:simpleType>
        <xs:simpleType name="pushFrequencyType">
                <xs:restriction base="xs:string">
                        <xs:enumeration value="Every Six Hours"/>
                        <xs:enumeration value="Every Twelve Hours"/>
                        <xs:enumeration value="Every Twenty Four Hours"/>
                </xs:restriction>
        </xs:simpleType>
        <xs:complexType name="errorType">
                <xs:sequence>
                        <xs:element name="Code" type="xs:string"/>
                        <xs:element name="Details" type="xs:string"/>
                </xs:sequence>
        </xs:complexType>
        <xs:simpleType name="responseStatusType">
                <xs:restriction base="xs:string">
                        <xs:enumeration value="success"/>
                        <xs:enumeration value="error"/>
                </xs:restriction>
        </xs:simpleType>
</xs:schema>
```

++

User Authentication Info XSD

++

```
<?xml version="1.0" encoding="UTF-8"?>
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:auth="http://www.usps.com/postalone/services/UserAuthenticationSchema"
targetNamespace="http://www.usps.com/postalone/services/UserAuthenticationSchema" version="0.0.3">
        <xsd:annotation>
                <xsd:documentation xml:lang="en">PostalOne! User Authentication
Request</xsd:documentation>
        </xsd:annotation>
        <xsd:element name="AuthenticationInfo" type="auth:AuthenticationInfoType"/>
        <xsd:complexType name="AuthenticationInfoType">
                <xsd:sequence>
                        <xsd:element name="UserId" type="xsd:string"/>
                        <xsd:element name="UserPassword" type="xsd:string"/>
                </xsd:sequence>
        </xsd:complexType>
```

```
</xsd:schema>
```

++

WSDL - Required for the PUSH Model to Receive Data from the *PostalOne!* System

++

```
<?xml version="1.0" encoding="UTF-8"?>
<!--    Date        Comments                                    -->
<!--    11/17/2008    POCustomerMailXMLServices WSDL  Initial version 1.0 -->
<!--    04/15/2009    POCustomerMailXMLServices WSDL  version 2.0 -->
<!--    06/09/2009    POCustomerMailXMLServices WSDL  version 3.0 Added
fullServiceeDocDataQualityVerificationDelivery/Notification-->
<wsdl:definitions xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:tns="http://www.usps.com/postalone/services/POCustomerMailXMLServices"
xmlns:auth="http://www.usps.com/postalone/services/UserAuthenticationSchema"
xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns="http://www.usps.com/postalone/services/POCustomerMailXMLServices"
xmlns:ns="http://schemas.xmlsoap.org/soap/encoding/" name="POCustomerMailXMLServices"
targetNamespace="http://www.usps.com/postalone/services/POCustomerMailXMLServices">
        <wsdl:documentation xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">Version
1.0.0</wsdl:documentation>
        <wsdl:types>
                <xsd:schema
targetNamespace="http://www.usps.com/postalone/services/POCustomerMailXMLServices"
xmlns="http://www.usps.com/postalone/services/POCustomerMailXMLServices"
xmlns:auth="http://www.usps.com/postalone/services/UserAuthenticationSchema"
xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:tns="http://www.usps.com/postalone/services/POCustomerMailXMLServices"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
                        <xsd:import
namespace="http://www.usps.com/postalone/services/UserAuthenticationSchema"
schemaLocation="UserAuthenticationInfo.xsd"/>
                        <xsd:element name="fullServiceAddressCorrectionDelivery" type="xsd:string"/>
                        <xsd:element name="fullServiceAddressCorrectionNotification" type="xsd:string"/>
                        <xsd:element name="fullServiceContainerVisibilityDelivery" type="xsd:string"/>
                        <xsd:element name="fullServiceContainerVisibilityNotification" type="xsd:string"/>
                        <xsd:element name="fullServiceNixieDetailDelivery" type="xsd:string"/>
                        <xsd:element name="fullServiceNixieDetailNotification" type="xsd:string"/>
                        <xsd:element name="fullServiceeDocDataQualityVerificationDelivery"
type="xsd:string"/>
                        <xsd:element name="fullServiceeDocDataQualityVerificationNotification"
type="xsd:string"/>
                        <xsd:element name="startTheClockDelivery" type="xsd:string"/>
                        <xsd:element name="startTheClockNotification" type="xsd:string"/>
                        <xsd:element name="deliveryResponse" type="xsd:string"/>
                        <xsd:element name="notificationResponse" type="xsd:string"/>
                        <xsd:element name="fault" type="xsd:string"/>
                </xsd:schema>
        </wsdl:types>
        <wsdl:message name="FullServiceAddressCorrectionDelivery">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
```

```
                <wsdl:part name="fullServiceAddressCorrectionDelivery"
element="tns:fullServiceAddressCorrectionDelivery"/>
        </wsdl:message>
        <wsdl:message name="FullServiceAddressCorrectionNotification">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="fullServiceAddressCorrectionNotification"
element="tns:fullServiceAddressCorrectionNotification"/>
        </wsdl:message>
        <wsdl:message name="FullServiceContainerVisibilityDelivery">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="fullServiceContainerVisibilityDelivery"
element="tns:fullServiceContainerVisibilityDelivery"/>
        </wsdl:message>
        <wsdl:message name="FullServiceContainerVisibilityNotification">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="fullServiceContainerVisibilityNotification"
element="tns:fullServiceContainerVisibilityNotification"/>
        </wsdl:message>
        <wsdl:message name="FullServiceNixieDetailDelivery">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="fullServiceNixieDetailDelivery"
element="tns:fullServiceNixieDetailDelivery"/>
        </wsdl:message>
        <wsdl:message name="FullServiceNixieDetailNotification">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="fullServiceNixieDetailNotification"
element="tns:fullServiceNixieDetailNotification"/>
        </wsdl:message>
        <wsdl:message name="FullServiceeDocDataQualityVerificationDelivery">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="fullServiceeDocDataQualityVerificationDelivery"
element="tns:fullServiceeDocDataQualityVerificationDelivery"/>
        </wsdl:message>
        <wsdl:message name="FullServiceeDocDataQualityVerificationNotification">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="fullServiceeDocDataQualityVerificationNotification"
element="tns:fullServiceeDocDataQualityVerificationNotification"/>
        </wsdl:message>
        <wsdl:message name="StartTheClockDelivery">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="startTheClockDelivery" element="tns:startTheClockDelivery"/>
        </wsdl:message>
        <wsdl:message name="StartTheClockNotification">
                <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
                <wsdl:part name="startTheClockNotification" element="tns:startTheClockNotification"/>
        </wsdl:message>
        <wsdl:message name="DeliveryResponse">
                <wsdl:part name="deliveryResponse" element="tns:deliveryResponse"/>
        </wsdl:message>
        <wsdl:message name="NotificationResponse">
                <wsdl:part name="notificationResponse" element="tns:notificationResponse"/>
        </wsdl:message>
        <wsdl:message name="POCustomerMailXMLServicesFault">
                <wsdl:part name="fault" element="tns:fault"/>
        </wsdl:message>
        <wsdl:portType name="POCustomerMailXMLServicesPortType">
                <wsdl:operation name="PushFullServiceAddressCorrectionDelivery">
```

```
                        <wsdl:input name="FullServiceAddressCorrectionDelivery"
message="tns:FullServiceAddressCorrectionDelivery"/>
                        <wsdl:output name="FullServiceAddressCorrectionDeliveryResponseResponse"
message="tns:DeliveryResponse"/>
                        <wsdl:fault name="FullServiceAddressCorrectionDeliveryFault"
message="tns:POCustomerMailXMLServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="PushFullServiceAddressCorrectionNotification">
                        <wsdl:input name="FullServiceAddressCorrectionNotification"
message="tns:FullServiceAddressCorrectionNotification"/>
                        <wsdl:output name="FullServiceAddressCorrectionNotificationResponseResponse"
message="tns:NotificationResponse"/>
                        <wsdl:fault name="FullServiceAddressCorrectionNotificationFault"
message="tns:POCustomerMailXMLServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="PushFullServiceContainerVisibilityDelivery">
                        <wsdl:input name="FullServiceContainerVisibilityDelivery"
message="tns:FullServiceContainerVisibilityDelivery"/>
                        <wsdl:output name="FullServiceContainerVisibilityDeliveryResponseResponse"
message="tns:DeliveryResponse"/>
                        <wsdl:fault name="FullServiceContainerVisibilityDeliveryFault"
message="tns:POCustomerMailXMLServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="PushFullServiceContainerVisibilityNotification">
                        <wsdl:input name="FullServiceContainerVisibilityNotification"
message="tns:FullServiceContainerVisibilityNotification"/>
                        <wsdl:output name="FullServiceContainerVisibilityNotificationResponseResponse"
message="tns:NotificationResponse"/>
                        <wsdl:fault name="FullServiceContainerVisibilityNotificationFault"
message="tns:POCustomerMailXMLServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="PushFullServiceNixieDetailDelivery">
                        <wsdl:input name="FullServiceNixieDetailDelivery"
message="tns:FullServiceNixieDetailDelivery"/>
                        <wsdl:output name="FullServiceNixieDetailDeliveryResponseResponse"
message="tns:DeliveryResponse"/>
                        <wsdl:fault name="FullServiceNixieDetailDeliveryFault"
message="tns:POCustomerMailXMLServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="PushFullServiceNixieDetailNotification">
                        <wsdl:input name="FullServiceNixieDetailNotification"
message="tns:FullServiceNixieDetailNotification"/>
                        <wsdl:output name="FullServiceNixieDetailNotificationResponseResponse"
message="tns:NotificationResponse"/>
                        <wsdl:fault name="FullServiceNixieDetailNotificationFault"
message="tns:POCustomerMailXMLServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="PushFullServiceeDocDataQualityVerificationDelivery">
                        <wsdl:input name="FullServiceeDocDataQualityVerificationDelivery"
message="tns:FullServiceeDocDataQualityVerificationDelivery"/>
                        <wsdl:output
name="FullServiceeDocDataQualityVerificationDeliveryResponseResponse"
message="tns:DeliveryResponse"/>
                        <wsdl:fault name="FullServiceeDocDataQualityVerificationDeliveryFault"
message="tns:POCustomerMailXMLServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="PushFullServiceeDocDataQualityVerificationNotification">
```

```
                        <wsdl:input name="FullServiceeDocDataQualityVerificationNotification"
message="tns:FullServiceeDocDataQualityVerificationNotification"/>
                        <wsdl:output
name="FullServiceeDocDataQualityVerificationNotificationResponseResponse"
message="tns:NotificationResponse"/>
                        <wsdl:fault name="FullServiceeDocDataQualityVerificationNotificationFault"
message="tns:POCustomerMailXMLServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="PushStartTheClockDelivery">
                        <wsdl:input name="StartTheClockDelivery" message="tns:StartTheClockDelivery"/>
                        <wsdl:output name="StartTheClockDeliveryResponse"
message="tns:DeliveryResponse"/>
                        <wsdl:fault name="StartTheClockDeliveryFault"
message="tns:POCustomerMailXMLServicesFault"/>
                </wsdl:operation>
                <wsdl:operation name="PushStartTheClockNotification">
                        <wsdl:input name="StartTheClockNotification"
message="tns:StartTheClockNotification"/>
                        <wsdl:output name="StartTheClockNotificationResponse"
message="tns:NotificationResponse"/>
                        <wsdl:fault name="StartTheClockNotificationFault"
message="tns:POCustomerMailXMLServicesFault"/>
                </wsdl:operation>
        </wsdl:portType>
        <wsdl:binding name="POCustomerMailXMLServicesSoapBinding"
type="tns:POCustomerMailXMLServicesPortType">
                <soap:binding style="document" transport="http://schemas.xmlsoap.org/soap/http"/>
                <wsdl:operation name="PushFullServiceAddressCorrectionDelivery">
                        <soap:operation soapAction="fullServiceAddressCorrectionDelivery"/>
                        <wsdl:input name="FullServiceAddressCorrectionDelivery">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="FullServiceAddressCorrectionDeliveryResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="FullServiceAddressCorrectionDeliveryFault">
                                <soap:fault name="FullServiceAddressCorrectionDeliveryFault"
use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="PushFullServiceAddressCorrectionNotification">
                        <soap:operation soapAction="fullServiceAddressCorrectionNotification"/>
                        <wsdl:input name="FullServiceAddressCorrectionNotification">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="FullServiceAddressCorrectionNotificationResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="FullServiceAddressCorrectionNotificationFault">
                                <soap:fault name="FullServiceAddressCorrectionNotificationFault"
use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="PushFullServiceContainerVisibilityDelivery">
                        <soap:operation soapAction="fullServiceContainerVisibilityDelivery"/>
                        <wsdl:input name="FullServiceContainerVisibilityDelivery">
                                <soap:body use="literal"/>
```

```
                    </wsdl:input>
                    <wsdl:output name="FullServiceContainerVisibilityDeliveryResponse">
                        <soap:body use="literal"/>
                    </wsdl:output>
                    <wsdl:fault name="FullServiceContainerVisibilityDeliveryFault">
                        <soap:fault name="FullServiceContainerVisibilityDeliveryFault"
use="literal"/>
                    </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="PushFullServiceContainerVisibilityNotification">
                    <soap:operation soapAction="fullServiceContainerVisibilityNotification"/>
                    <wsdl:input name="FullServiceContainerVisibilityNotification">
                        <soap:body use="literal"/>
                    </wsdl:input>
                    <wsdl:output name="FullServiceContainerVisibilityNotificationResponse">
                        <soap:body use="literal"/>
                    </wsdl:output>
                    <wsdl:fault name="FullServiceContainerVisibilityNotificationFault">
                        <soap:fault name="FullServiceContainerVisibilityNotificationFault"
use="literal"/>
                    </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="PushFullServiceNixieDetailDelivery">
                    <soap:operation soapAction="fullServiceNixieDetailDelivery"/>
                    <wsdl:input name="FullServiceNixieDetailDelivery">
                        <soap:body use="literal"/>
                    </wsdl:input>
                    <wsdl:output name="FullServiceNixieDetailDeliveryResponse">
                        <soap:body use="literal"/>
                    </wsdl:output>
                    <wsdl:fault name="FullServiceNixieDetailDeliveryFault">
                        <soap:fault name="FullServiceNixieDetailDeliveryFault" use="literal"/>
                    </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="PushFullServiceNixieDetailNotification">
                    <soap:operation soapAction="fullServiceNixieDetailNotification"/>
                    <wsdl:input name="FullServiceNixieDetailNotification">
                        <soap:body use="literal"/>
                    </wsdl:input>
                    <wsdl:output name="FullServiceNixieDetailNotificationResponse">
                        <soap:body use="literal"/>
                    </wsdl:output>
                    <wsdl:fault name="FullServiceNixieDetailNotificationFault">
                        <soap:fault name="FullServiceNixieDetailNotificationFault" use="literal"/>
                    </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="PushFullServiceeDocDataQualityVerificationDelivery">
                    <soap:operation soapAction="fullServiceeDocDataQualityVerificationDelivery"/>
                    <wsdl:input name="FullServiceeDocDataQualityVerificationDelivery">
                        <soap:body use="literal"/>
                    </wsdl:input>
                    <wsdl:output name="FullServiceeDocDataQualityVerificationDeliveryResponse">
                        <soap:body use="literal"/>
                    </wsdl:output>
                    <wsdl:fault name="FullServiceeDocDataQualityVerificationDeliveryFault">
                        <soap:fault name="FullServiceeDocDataQualityVerificationDeliveryFault"
use="literal"/>
```

```
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="PushFullServiceeDocDataQualityVerificationNotification">
                        <soap:operation soapAction="fullServiceeDocDataQualityVerificationNotification"/>
                        <wsdl:input name="FullServiceeDocDataQualityVerificationNotification">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="FullServiceeDocDataQualityVerificationNotificationResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="FullServiceeDocDataQualityVerificationNotificationFault">
                                <soap:fault name="FullServiceeDocDataQualityVerificationNotificationFault"
use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="PushStartTheClockDelivery">
                        <soap:operation soapAction="startTheClockDelivery"/>
                        <wsdl:input name="StartTheClockDelivery">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="StartTheClockDeliveryResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="StartTheClockDeliveryFault">
                                <soap:fault name="StartTheClockDeliveryFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
                <wsdl:operation name="PushStartTheClockNotification">
                        <soap:operation soapAction="startTheClockNotification"/>
                        <wsdl:input name="StartTheClockNotification">
                                <soap:body use="literal"/>
                        </wsdl:input>
                        <wsdl:output name="StartTheClockNotificationResponse">
                                <soap:body use="literal"/>
                        </wsdl:output>
                        <wsdl:fault name="StartTheClockNotificationFault">
                                <soap:fault name="StartTheClockNotificationFault" use="literal"/>
                        </wsdl:fault>
                </wsdl:operation>
        </wsdl:binding>
        <wsdl:service name="POCustomerMailXMLServices">
                <wsdl:port name="POCustomerMailXMLServices"
binding="tns:POCustomerMailXMLServicesSoapBinding">
                        <soap:address
location="http://localhost:9083/PSHDDWSWeb/services/POCustomerMailXMLServices"/>
                </wsdl:port>
        </wsdl:service>
        </wsdl:definitions>
```

++

User Authentication XSD -- Required to allow the *Postalone!* System to Invoke Customer's Web Services

++

```
<?xml version="1.0" encoding="UTF-8"?>
<xsd:schema
xmlns:auth="http://www.usps.com/postalone/services/UserAuthenticationSche
ma" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
targetNamespace="http://www.usps.com/postalone/services/UserAuthenticatio
nSchema" version="0.0.3">
      <xsd:annotation>
            <xsd:documentation xml:lang="en">PostalOne! User
Authentication Request</xsd:documentation>
      </xsd:annotation>
      <xsd:element name="AuthenticationInfo"
type="auth:AuthenticationInfoType"/>
      <xsd:complexType name="AuthenticationInfoType">
            <xsd:sequence>
                  <xsd:element name="UserId" type="xsd:string"/>
                  <xsd:element name="UserPassword" type="xsd:string"/>
            </xsd:sequence>
      </xsd:complexType>
</xsd:schema>
```

++

Appendix B – Message Choreography for Data Distribution

No	Message Name	Description	Customer	USPS *PostalOne!*
1	StartTheClockQueryRequest	The customer requests the Start-the-Clock data by providing appointment and job information for which Start-the-Clock data is needed. The date range of upper and lower is necessary to receive data from the USPS.	From	
2	StartTheClockQueryResponse	The USPS responds with the Start-the-Clock data for the job and provides the data for plant loaded mail in the plan loaded XML block, data for drop Shipped mail in the dropshipped XML block, and BMEU entered mail data in the BMEU XML block.		From
3	FullServiceContainerVisibilityQuery Request	The customer can request container visibility information from the USPS by providing the job information, appointment/trip information, facility id, and container information or container barcodes.	From	
4	FullServiceContainerVisibilityQuery Response	The USPS responds with the Container Induction detail data by providing scan dates and times as well as any conflicts with the container back to the customer.		From
5	FullServiceAddressCorrectionQuery Request	The customer can request address correction information from the USPS by providing the job information and date ranges and optional piece barcode range information.	From	
6	FullServiceAddressCorrectionQuery Response	The USPS, in response to the requests, sends all the address correction data pertinent to the request.		From
7	FullServiceNixieDetailQueryReques t	The customer can request Nixie information from the USPS by providing the CRID, MID, and by providing the job information, class of mail, date ranges and optional piece barcode range information.	From	
8	FullServiceNixieDetailResponse	The USPS, in response to the requests, sends all the Nixie detail data by MID and Job information back to the customer.		From
10	StartTheClockNotification	The USPS sends this notification to the customer and provides the Job information for which the Start-the-Clock data is ready		From
11	StartTheClockDelivery	The USPS sends this detail data delivery to the customer with all the data available in the StartTheClockQueryResponse message		From
12	FullServiceContainerVisibilityNotific ation	The USPS sends this notification to the customer and provides the Job information for which the ContainerVisibility data is ready		From

No	Message Name	Description	Customer	USPS *PostalOne!*
13	FullServiceContainerVisibilityDelivery	The USPS sends this detail data delivery to the customer with all the data available in the FullServiceContainerVisibilityQueryResponse message		From
14	FullServiceAddressCorrectionNotification	The USPS sends this notification to the customer and provides the Job information for which the AddressCorrection data is ready		From
15	FullServiceAddressCorrectionDelivery	The USPS sends this detail data delivery to the customer with all the data available in the FullServiceAddressCorrectionQueryResponse message		From
16	FullServiceNixieDetailNotification	The USPS sends this notification to the customer and provides the Job information for which the NixieDetail data is ready		From
17	FullServiceNixieDetailDelivery	The USPS sends this detail data delivery to the customer with all the data available in the FullServiceNixieDetailQueryResponse message		From
18	NotificationResponse	This message is used in response to all messages that end in the word ‘Notification’	From	
19	DeliveryResponse	This message is used in response to all messages that end in the word ‘Delivery’	From	

Appendix C - eDocumentation Form Values

The appendix lists the values associated with the following Mail.XML 6.0 messages: MailingGroupQueryRequest, MailingGroupQueryResponse, PaymentMessageQueryRequest, PaymentMessageQueryResponse, ReconciliationReportQueryRequest, ReconciliationReportQueryResponse, ContainerStatusQueryRequest, and ContainerStatusQueryResponse.

eDoc Form Values

Container Status Type

Entry Facility Type Values

Value	Description
Accepted	Accepted for Induction, passed validation
OnHold	Waiting for Induction validation to complete
Rejected	Didn't satisfy the induction validation rules

Entry Facility Type

Entry Facility Type Values

Value	Description
O	Origin
B	BMC
S	SCF
D	DDU

Form Type

Form Type Values

Value	Description	Postage Statement
PM	Priority Mail	3600
FC	First-Class Mail	3600
SM	Standard Mail	3602
BP	Bound Printed Matter	3605
PP	Package Services	3605
PE	Periodicals	3541
ML	Media/Library Mail	3605

Full-Service Indicator

Full-Service Indicator Values

Value	Description
Blank/Null/Nil	Null
F	Full-Service
B	Basic
P	PostNet
O	Other

Rate Category

Rate Category Values

Value	Description
Blank/Null/Nil	Null
A	Saturation ECR
AF	Standard Mail Saturation ECR Letter Paid As Flat
B	High Density ECR
BF	Standard Mail High Density ECR Letter Paid As Flat
D	Basic ECR (Carrier Route)
DF	Standard Mail Basic ECR Letter Paid As Flat
E	5-Digit Automation (5-Digit Barcode)
FB	Firm Bundle Outside County
G	5-Digit Non Barcode(Auto)
GF	5-Digit Non Barcode (Auto) Letter Paid As Flat
H	3-Digit Automation (3-Digit Barcode)
K	3-Digit Non Barcode(Auto)
KF	3-Digit Non Barcode (Auto) Letter Paid As Flat
L	Basic Automation (Basic Barcode)
L1	AADC Barcode
L2	Mixed AADC Barcode
L3	ADC Barcode
L4	Mixed ADC Barcode
L5	ADC Non-Barcode
L6	Mixed ADC Non-Barcode
L7	AADC Non-Barcode
L8	Mixed AADC Non-Barcode
N	Basic Nonautomation (Basic Presorted)
NG	5-Digit Not Flat Machinable
NK	3-Digit Not Flat Machinable
N5	ADC/BMC Not Flat Machinable
N6	Mixed ADC/BMC Not Flat Machinable
PI	5-Digit Parcel 0.2063 pounds or less
PM	3-Digit Parcel 0.2063 pounds or less
P7	ADC Parcel 0.2063 pounds or less
P8	Mixed ADC Parcel 0.2063 pounds or less
PE	5-Digit Machinable Parcel over 0.2063 pounds
PQ	BMC Machinable Parcel over 0.2063 pounds
PR	Mixed BMC Machinable Parcel over 0.2063 pounds
PG	5-Digit Irregular Parcel over 0.2063 pounds
PK	3-Digit Irregular Parcel over 0.2063 pounds
P5	ADC Irregular Parcel over 0.2063 pounds
P6	Mixed ADC Irregular Parcel over 0.2063 pounds
S	Single Piece
Z1	BMC Presort
Z2	OBMC Presort

Appendix D – MailXML Errata's Description and Status

95% of the erratas are for the eDoc November release, the other erratas and CRs are for improving May release implementation. The details of the erratas are posted on the IDEAlliance PM Stage website.

NOTE: ROW Shaded in BLACK means that the Errata has been rejected or withdrawn.

MDR CR #	CR Title	Block Name	Changing Value FROM	Changing Value TO	IDEAlliance Approval
1	IncludedInOtherDoc Type	ContainerDetailData	Includedinotherdoc = Y/N	IncludedinOtherDoc = O, L, BLANK	Approved
2	MailClassType 5				Rejected
3	UniqueContainer Barcode Type for ContainerBarcode field	ContainerInfoData	Change the TYPE Field = ContainerBarcode element Type=s50	Field = ContainerBarcode Type=mailxml_base:container24CharacterBarcodeType	Approved
4	Rename CSDID	ContainerInfoData	Field = CSDID	Field = CSAID	Approved

5	Rename MoveUpdate	abstractPeriodicalStatementDataType ---------- abstractPostageStatementDataType	Field = MoveUpdate	Field = MoveUpdateMethod	Approved
6	ApprovalDate to be required				Rejected
7	MailingGroupID to be optional	MailXMLOpenMailingGroupResponseRejectHeaderInfo (New Attribute to create) MailXMLOPenMailingGroupResponseAcceptHeaderInfo (NEW Attribute to create)	Field = MailingGroupID is REQUIRED	Make it Optional	Approved

8	CombinedMailingID to be required	EndCombinedMailingResponseAccept	Field = CombinedMailingID is OPTIONAL	Make is REQUIRED	Approved
9	Remove <BLANK> and spaces as valid values for optional fields				Rejected
10	LogicalPhysicalIndicator to be required				Rejected
11	Remove multiple ParentContainerID fields	ContainerInfoData	Field = ParentContainerID	Remove 2 out of 3 and it should be OPTIONAL	Approved
12	Add SiblingContainerID	ContainerInfoData	None	Add SiblingContainerID with field length s50	Approved

13	Move IncludedInOtherDoc field	ContainerDetailData ContainerInfoData	Move 'IncludedInOtherDoc' from the following block qualificationReportDataType -> ContainerInfoData -> ContainerDetailData	Move to: qualificationReportDataType -> ContainerInfoData	Approved
14	Remove the EMD8125ASNBarcode field	summaryRecordUpdateType	None	Remove the EMD8125* element	Approved
15	ContainerCount types	ContainerCountType	All fields from REQUIRED	To OPTIONAL	Approved
16	RateCategory to be required				Rejected
17	ProcessingCategory to be required	abstractPostageStatementDataType	Field = ProcessingCategory is OPTIONAL	Make it REQUIRED	Approved

18	RateType to be required	abstractPostageStatementDataType	Field = RateType is OPTIONAL	Make it REQUIRED	Approved
19	SortationLevel to be required	BundleDetailType	Field = SortationLevel is OPTIONAL	Make it REQUIRED	Approved
20	Add optional LogicalPhysicalIndicator in BundleDetail	qualificationReportDataType	None	Add LogicalPhysicalIndicator as OPTIONAL	Approved

21	WastedPieceIndicator valid values to be changed	mailPieceBlockType	Field = WastedPieceIndicator	1. Create new type (i.e. WastedPieceIndicatorType) in Base with values 'W,S,X,T' AND 2. Change the type to point to new type i.e. WastedPieceIndicatorType	Approved
22	Remove MailOwnerMID	mailOwnerBlockType	Fields = MailOwnerMID 6/9	Remove those	Approved

23	Move RangePieceCount	MailXMLPieceRangeBlock	Field = rangePieceCount	1. Move RangePieceCount inside the PieceRangeBlockType 2. Add PieceCount and CopyCount elements too	Rejected Other part of CR 91 are approved. Only RangePieceCount has been rejected
24	ContainerID Character Length	All	Field = CustomerContainerID, ParentContainerID, and CustomerParentContainerID	Change the string size from s50 to s06	Approved
25	CustomerBundleID to be required	BundleDetailType MailPieceBlockType	Field = CustomerBundleID is OPTIONAL	Make it REQUIRED	Approved
26	ContainerBarcode Length & Type				Rejected

27	Need bundleDetail for Qualification Reports for bundled mailings	[redacted]			Rejected
28	VersionID at Bundle level for Periodical Co-mail				Rejected
29	Remove ConsigneeFacility block	SiblingContainerCancelReject	ConsigneeFacility Block	Remove the Block	Approved
30	CopyWeight field to be required	abstractPeriodicalStatementDataType	Field = CopyWeight is OPTIONAL	Make it REQUIRED	Approved
31	Remove MailingGroupID in PeriodicalStatement message	abstractPeriodicalStatementDataType	Field = MailingGroupID	Remove it	Approved

32	RateCategory to be required in PeriodicalStatement				Rejected
33	ProcessingCategory to be required in PeriodicalStatement	abstractPeriodicalStatementDataType	Field = ProcessingCategory is OPTIONAL	Make it REQUIRED	Approved
34	RateType to be required in PeriodicalStatement	abstractPeriodicalStatementDataType	Field = RateType is OPTIONAL	Make it REQUIRED	Approved
35	ContainerStatus to be added				Rejected
36	Add ContainerLevel values	None	ContainerLevelType	Add First Class Palletization Container Level values: AK, AL, AM, AN, AO, AP and AQ	Approved

37	Add ProcessingCategory field to the line item level	LineItemSummaryData PostageStatementLineItemData	None	Add ProcessingCategory field	Approved
38	Remove invalid ContainerLevel value	None	ContainerLevelType	Remove 'W'	Approved
39	Add InCountyAddSuppPieces to PeriodicalStatement	abstractPeriodicalStatementDataType	None	Add 'InCountyAddSuppPieces'	Approved
40	Add OutsideCountyAddSuppPieces to PeriodicalStatement	abstractPeriodicalStatementDataType	None	Add 'OutsideCountyAddSuppPieces'	Approved
41	Add PiecesExcludingAddSupps to PeriodicalStatement	abstractPeriodicalStatementDataType	None	Add 'PiecesExcludingAddSuppPieces'	Approved

42	MailingGroupID to be removed - PostageStatement	abstractPostageStatementDataType	Field = MailingGroupID	Remove it	Approved
43	Add CustomerContainerID in PeriodicalStatement	PeriodicalLineItemData	None	Add 'CustomerContainerID'	approved
44	Add FullServiceParticipationIndicator - PostageStatementCreateRequest	PostageStatementLineItemData	None	Add 'FullServiceParitiicipationIndicator'	Withdrawn
45	Add FullServiceParticipationIndicator - PeriodicalStatementCreateRequest	PeriodicalLineItemData	None	Add 'FullServiceParitiicipationIndicator'	approved

46	Remove IMBUpperSerialization and IMBLowerSerialization	summaryRecordUpdateType	Fields = IMBUpper/Lower Serialization	Remove them	Approved
47	Remove DestinationZIP in ContainerDetailData	ContainerDetailData	Field = DestinationZip	Remove it	Approved
48	Change from ContainerID to CustomerContainerID	MailXMLPieceRangeBlock PDRPieceRangeBlock	Field = ContainerID Field = DatabaseContainerID'	Change it to 'CustomerContainerID' Change the 'PDR..' block DBContainerID to ContainerID	Approved
49	Add ConfirmID field				Rejected

50	Add ProcessingCategory field to the QualificationReportCreateRequest	[redacted]			Rejected
51	Change length of ContainerID in MailXMLPieceRange				Rejected
52	OnePassPlannedorActualFlag to be not required	QualificationReportCreateRequest	Field = OnePassPlannedorActualFlag is REQUIRED	Make it OPTIONAL	Approved
~~53~~	~~Additional SurchargeType values~~	[redacted]			Rejected

54	Change ContainerStatus values in MailDatContainerUpdate	summaryRecordUpdateType	Field = COntainerStatus	1. Change the type of this field to 'MaildatContainerStatusType' 2. Create 'MatdatContainerStatusType' in the mailxml base with value 'R,X,C,D,P,T'	Approved
55	Rename MCLOCROnePassIndicator	MailingGroupDataType	Field = MLOCROnePassIndicator	Rename the field to 'OnePassIndicator'	Approved
56	PostageAffixedAmount to be conditionally required	abstractPostageStatementDataType	Field = PostageAffixedAmount is REQUIRED	Change it to OPTIONAL	Approved
57	Remove irrelevant Zone values	None	ZoneType	Remove values 'S, D, V' from the ZoneType	Approved

58	Add SurchargeType values	None	SurchargeType	Add value 'N (Not Oversized),P (Baloon Surcharge)' in SurchargeType	Approved
59	SingleRideAlongWeight to be not required	abstractPeriodicalStatementDataType	Field = SingleRideAlongWeight is REQUIRED	Make it OPTIONAL	Approved
60	ContainerStatus in MailDatContainerUpdateRequest to be required	summaryRecordUpdateType	Field = ContainerStatus is OPTIONAL	Make it REQUIRED	Approved
61	Add ACSKeyline to MailPieceBlock block	mailPieceBlockType	None	Add ACSKeyline (s16) field	Approved
62	Add ContainerType value for MLOCR Logical Pallet	None	MailXMLContainerType	Add 'M' enumeration value in base	Approved

63	Add ContainerType values for unit criteria Pallet	None	MailXMLContainerType	Add 'H,A,D,G,R,C values	Approved
64	Allow submitting one to many MailPieceBlock and MailXMLPieceRangeBlock blocks in MailPiece message set	mailpieceRequestType	Currently 1-1 relationship	Make it 1-many relationship	Approved
65	Add VersionID field to the line item level for PeriodicalStatementCreateRequest message				Rejected

66	Add ServiceLevelIndicatorType field to the PostageStatementCreateRequest				Rejected
67	Add WSR support			Will be moved to next release	Withdrawn
68	Make Architectural Changes to Support 1 Pass MLOCR Mailings				Rejected
69	Need CR for Qual Update for physical and transportation data				Approved
70	Need rate category for every piece or piece range				Rejected

71	Make Container Ship date optional				Rejected
72	make mailXmlApptid and Mailxmlconetnmt id ConsigneeApptid and Consignee Conetnt id FASTAPptID to ConsigneeApptID and FASTContentId to Consignee ID	All	MailXMLApptID, MailxmlContentID, FastContentID	Change to: ConsigneeApptID, ConsigneeContentID, and ConsigneeID respectively make the sizes the same as the existing fields.	Approved
73	Make MailClass Element optional in FullServiceNixieQueryRequest	FullServiceNixieDetailQueryRequest	Field = MailClass	Make it OPTIONAL	Approved

74	Add attributeGroup “LargeTransactionDividerGroupType” in StartTheClockQueryResponse	StartTheClockQueryResponse		Add 'LargeTransactionDividerGroupType' attributegroup	Approved
75	Add for Data Distribution messages‘MesssageID’ attribute to request and response Xml messages	Header of all Request and Response Messages		MessageID - Optional	Withdrawn

76	MailClass Element , OwningParty Element need to be optional on `FullServiceAddressCorrectionQueryRequest`	FullServiceAddressCorrectionQueryRequest PieceRequest -- FullServiceNixieDetailQueryRequest --	OwningParty Required MailClass Required --- OriginalMailerID6 Required OriginalMailerID9 Required MailClass Required -- CR 72 -ChangeMailxmlApptid and MailxmlContentID to??	OwningParty to Optional MailClass Optional -- OriginalMailerID6 optional OriginalMailerID9 optional MailClass optional -- Add the Words FullService to StartTheClock Message Names?? -- CR 72 - To ConsigneeApptID and ConsigneeContentID?? Where?	Approved

77	Add new complex type to ContainerStatusQueryResponse	QueryResults	Add new complex type -- Remove the Sequnce at the QueryResponse Header	Add Container infomration as a complex type so a LINK can be made with every result to a Specific containers -- Just leave the Choice at the ContainerStatusQueryResponse Header	Approved
78	Add for FAST messages'MesssageID' attribute to request and response Xml messages.	See 75	See 75	MessageID - Optional	Withdrawn

79	Make SchedulerID and SchedulerCorpID information optional in the following REQUEST message types. The use of SchedulerID and SchedulerCorpID may become obsolete in the future and replaced with some other IDs.	SubmittingParty	SchedulerID SchedulerCorpID - Required	SchedulerID SchedulerCorpID - Optional	Withdrawn
80	Make SchedulerID required to the SubmittingParty block.				Rejected

81	Change definition for element byForConflictType	[redacted]	Rejected

82	Add DataRecipient block to Delivery messages	Header Root		Add <xs:complexType name="dataRecipientType">
<xs:sequence>
<xs:attribute name="CRID" type="mailxml_base:CRIDType" minOccurs="1"/>
<xs:element name="Role" type="mailxml_base:roleType" minOccurs ="1"/>
<xs:sequence/>
</xs:complexType>	Approved After discussion with Shariq

83	Modify "OriginFacilityName" in "StartTheClockBEMUBlock" and "StartTheClockPlantLoadBlock", and "UspsInductionFacilityName" in "StartTheClockDropShipBlock" from mailxml_base:mailClassType to mailxml_base:s50.	"StartTheClockBEMUBlock" and "StartTheClockPlantLoadBlock", and "UspsInductionFacilityName" in "StartTheClockDropShipBlock		Change "OriginFacilityName" and "UspsInductionFacilityName" type from mailxml_base:mailClassType to mailxml_base:s50.	Approved

84	For Change of Address records, there are 3 Move types available (Individual, Family, and Business). In the 'FullServiceAddressCorrection' Mail.XML 6.0D element, the "COAName" type does not have a field to support Business Name from OneCode ACS (in which B	COAName		Add a Choice of BusinessName String 50 to COAName with PersonalFirstname etc	Approved

85	Add elements for Full Service Compliance in FullServiceAddressCorrection, ContainerVisibilityEntry, FullServiceNixieDetail, StartTheClockBEMUBlock , StartTheClockDropShipBlock , StartTheClockPlantLoadBlock elements.	FullServiceAddressCorrection, ContainerVisibilityEntry, FullServiceNixieDetail, StartTheClockBEMUBlock , StartTheClockDropShipBlock , StartTheClockPlantLoadBlock		<xs:element name="FullServiceComplianceIndicator" type="mailxml_base:fullServiceComplianceIndicatorType" minOccurs="0" /> <xs:element name="FullServiceNonComplianceReasonCode" type="mailxml_base:reasonCodeType" minOccurs="0" />	Approved

86	Modify the type of element " ApptDateTime" (highlighted in yellow) from xs:date to xs:dateTime in the element "StartTheClockDropShip	StartTheClockDropShipBlock		Modify the type of element " ApptDateTime" (highlighted in yellow) from xs:date to xs:dateTime in the element "StartTheClockDropShip": Message Type to change: StartTheClockDelivery	Approved

87	In “FullServiceNixieDetailDelivery” MailXML6.0D message the job identifiers ("UserLicenseCode" + "MaildatJobID" & "CustomerGroupID" +"MailingGroupID”) are in the message header. The same identifiers are repeated in the element”FullServiceNixieDetail”. Rem	FullServiceNixieDetail		Remove job and mailing info from the block, since it exists at the header level	Approved

88	Change the following simpleType to increase the maxLength and add a pattern (highlighted in yellow): simpleType to change: CRIDType	CRIDTYPE		<!--=== cRIDType from PDR ===--> <xs:simpleType name="CRIDType"> <xs:restriction base="xs:string"> <xs:maxLength value="15"/> <xs:minLength value="1"/> <xs:pattern value="([0-9])*"/> </xs:restriction>	Approved

89	Add FullServiceIndicator to USPSSummary Block	USPSSummaryType		Add FullServiceIndicator simple type with boolean Yes and No	Approved
90	Add D, S, A to Zone				Rejected
91	AD% should not be in the postage Statement message, should only be in PE postage				Rejected

92	Add one Full Sevrice Data Quality Verification message to support following reports CSA Conflic Appt Conflict IMCM Conflict IMTB Conflict IMB Conflict MID Conflict STC Conflict	New Message	New Message	New Message	Approved
99	Remove SheetWeight from Postage Statement	abstractPeriodicalStatementDataType		Delete SheetWeight	Approved

100	Change the size of Ad% field - OLD Errata	MPUItemType abstractPeriodicalStatementDataType	string4 PercentageType cptPeriodicalAdPercentageType	Standardize everywhere on percentageType type for Advertisement percentage	Withdrawn
101	Cast Of Characters Data Update	updated	updated	Added job level, transaction type, changed the model for request and response	Approved
102	Overflow, SchedukedInductionDat and ScheduledInduction Time shouldn be all optional	ContainerInfoData	ScheduledInductionDate Time OverFlow Indicator from required	To OPTIONAL	Approved

103	OLD errata -MailOwnercrid and MailOwner in container info and container detail info and and anr owner entity should be optional - Qual report	ContainerInfoData	MailOwnerCRID required	MailOwnerCRID Optional	Approved
104	PostageStsmntmailingDate should be optional and time	ContainerInfoData	PostageStatementMailingDate PostageStatementMailingTime - Required	PostageStatementMailingDate PostageStatementMailingTime - Optional	Approved
105	Postage field in contdetaildata is optional shld be removed for manifest	ContainerDetailData	CummulativePostage Postage Required Actual Pieces Required	CummulativePostage Delete Postage optional Actual Pieces optional	Approved

106	BaselineIssue - remove Inter and iNtra BMC from EntryDiscountTYpe	ALL		Add all new Mail.dat 09-1 codes. Remove all codes from Mail.XMl 7.0 that are removed from Mail.dat	Approved

107	Remove the O value from the IncountyOutcountyIndicator in containerdetaildata and make it optional	InCountyOutCountyIndicatorType	<xs:simpleType name="inCountyOutCountyIndicatorType"> <xs:restriction base="xs:string"> <xs:enumeration value="I"/> <xs:enumeration value="N"/> <xs:enumeration value="O"/> </xs:restriction> </xs:simpleType>	<xs:simpleType name="inCountyOutCountyIndicatorType"> <xs:restriction base="xs:string"> <xs:enumeration value="I"/> <xs:enumeration value="N"/> </xs:restriction> </xs:simpleType>	Approved

108	ActualPieces should not be required in containerdetaildata, using a new Qual report so we should remove this field				Withdrawn Dup of CR # 83 and Errata # 105
109	Add need PendingPeriodical permit type PP in Permit Type across the board	PermitTypeTYpe		Add PP as a valid value for Permit Type everywhere	Approved

110	Permit Type and Permit Zip in the permitionfo should be required	permitPublicationDataType	<xs:complexType name="permitPublicationDataType"> <xs:choice> <xs:sequence> <xs:element name="PermitNumber" type="mailxml_base:s08"/> <xs:element name="PermitType" type="mailxml_base:permitTypeType" minOccurs="0"/> <xs:element name="Permi	<xs:complexType name="permitPublicationDataType"> <xs:choice> <xs:sequence> <xs:element name="PermitNumber" type="mailxml_base:s08"/> <xs:element name="PermitType" type="mailxml_base:permitTypeType" minOccurs="1"/> <xs:element name="Permi	Approved

111	Document Version Data should be required in the Qual report block of Qulareport create	QualificationReport	DocumentVersionData Optional	DocumentVersionData Required	Withdrawn
112	Add customercontainerid to the mailpiece create and update blocks	MailPieceRequestType		Add CustomerContainerID	Approved

113	Change the bundle cancel to have bundle id as the only field and customercontainerid available			<xs:complexType> <xs:sequence> <xs:element name="SubmittingParty" type="mailxml:participantIDType"/> <xs:element name="SubmittingSoftware" type="mailxml:submittingSoftwareType"/> <xs:choice> <xs:sequence> <xs:element name="UserLi	Approved

114	Add contianer type to sibling message	SiblingContainerCreateRequest SiblingContainerCancelRequest		Add ContainerType	approved
115	Remove ReturnInfo from SiblingContainer Cancel request - Old errata	SiblingContainerCancelRequest		Delete <xs:element name="ReturnInfo" type="mailxml:basicReturnInfoType" minOccurs="0"/>	Approved
116	FOBID -should be dropped from Postage Statement Create Request - old Errata	CreatePostageStatement		Delete FOBID	Approved

117	flatrateindicator is missing base values in lineitemsummary data, missing S; also in lineitemdetail	LineItemSummaryData LineItemDetail	<xs:simpleType name="flatRateIndicatorType"> <xs:restriction base="xs:string"> <xs:enumeration value="B"/> <xs:enumeration value="E"/> <xs:enumeration value="L"/> <xs:enumeration value="M"/> </xs:restriction> </xs:simpleType>	<xs:simpleType name="flatRateIndicatorType"> <xs:restriction base="xs:string"> <xs:enumeration value="B"/> <xs:enumeration value="E"/> <xs:enumeration value="L"/> <xs:enumeration value="M"/> <xs:enumeration value="S"/> </xs:restriction><br<	Approved

118	A, P, Q are invalid values for Entry Facility Type	EntryFacilityType		Delete A, P, Q	No Need to delete "A" Approved
119	Add software vendor zap option to Qual Report	QualificationReport		Add SoftwareVendorZapOption as ns01 and optional	Withdrawn
120	Add zone mtrix date to the qual level	QualificationReport		Add ZoneMatrixDate as optional with type datetime	Withdrawn

121	Containertype does not support all the containertypes and current values are not correct, need to reassign mailxmlcontainertype to the contasinertype in the qual report	ContainerType MailxmlContainerType		Update all Container Type values in MailxmlContainerType and assign MailxmlContainerType to ContainerType	Approved
122	Add volume num in periodicals postage statement request and response	CreatePeriodicalStatementType		Add VolumeNumber as optional and of type string05	Approved

123	change mailing date to ps mailing date in PE postage statements	CreatePeriodicalStatementType	MailingDate	PostageStatementMailingDate - required PostageStatementMailingTime - Optional	Approved
124	make documentversiondata to be 1-1 in all PE postage statements	DocumentVersionData	0 to unbounded	min 1 and max 1	Approved
125	MPUItem shall be replaced by documentversion block in contasiner bundle reprt messages	ContainerBundleMPURecords SackTrayConatinerMPURecord PalletContainerMPURecord BundleMPURecord	MPUItem	Replace the whole MPUItem Type with DocumentVersionData Type	Approved

125	Take the publication Number and title out of the container bundle report.	ContainerBundleMPURecords SackTrayConatinerMPURecord PalletContainerMPURecord BundleMPURecord ContainerBundleSummaryRecords PalletContainerRecord BundleRecord		Delete PublicationNumber Delete Publication Title	Approved

125	call it version name and version description in document version in qual and all Postae statements	DocumentVersionData DocumentVersionDatawithPermit	VersionId Name -- VersionId DocumentName	VersionName VersionDescription	Approved
126	Containerbundle report needs to be updated with a changed data structure				Withdrawn Dup of CR # 52 and Errata # 125
127	Add a Full Service indicator to the USPS Summary Block in order to identify Full Service containers.	USPSSummaryBlock		Add FullServiceIndicator simple type with boolean Yes and No	Withdrawn Duplicate of CR # 39 and Errata # 89

128	Update CSA Query messages to support the retrieval of CSAs with Package Services sub-types. The “RateType” or a new field could be added to this message.	CSADispatch		Remove RateType from Header block Add 'PackageServicesSubClass' with type 'PackageServiceType'	Approved
129	The FlatRateIndicator field needs the additional value of 'S' (Box, Small).	LineItemSummaryData PostageStatementLineItemData		Add value of S to flatRateIndicatorType	Withdrawn

130	The SinglePieceWeight field should not be required when ExtendedForm field is true.	abstractPostageStatementDataType PostageStementLineItemData	SinglePieceWeight Required	SinglePieceWeight Optional	Approved

131	Add optional 0 to 1AdditionalTrayDifferencePostageAmount at the ContanerInfoLevel for MLOCR one pass Actual postageaddtioal amount which is part of the ACTUAL Qual report and have the customer fill the field by tray to show the difference	ContainerInfoData		Add "AdditionalTrayDifferencePostageAmount" as optional with 0 to 1 occurrence, data type double	Covered by CR # 84 in PMStage

132	Add a report by price level where the price level comes from the Customer Mail Report and is by the zipcode				Approved
133	Add a report by Customer Mail Report				Approved
134	Delete DeliveryLocaleKeyEntry element	ContainerInfoData		Delete DeliveryLocaleKeyEntryPoint	Covered by CR # 84 in PMStage
135		MailDatContainerUpdateReject block		Delete SummaryRecordUpdate block	Withdrawn Dup of CR # 62 and Errata # 153
136	Rename DBContainerID to ContainerID		Rename DatabaseConatinerID	ContainerID	Approved

137	Delete 'IssuesInMonth' element	abstractPeriodicalStatementDataType		Delete IssuesInMonth	Approved
138		pricetype	<xs:simpleType name="priceType"> <xs:restriction base="xs:string"> <xs:enumeration value="retail"/> <xs:enumeration value="discount"/> </xs:restriction> </xs:simpleType>	<xs:simpleType name="priceType"> <xs:restriction base="xs:string"> <xs:enumeration value="retail"/> <xs:enumeration value="commercial"/> <xs:enumeration value="commercialplusl"/> <xs:enumeration value="discount"/> </xs:restriction> </xs:simpleT	Approved

139	Add tracking ID as a choice with statement id in Postage StatusQUery and remove the rest of the fields while keeping Submitting Partyy and software available. Remove USPSPostageStatementID from the response, remove the mailing group from the response.	PostageStatementStatusQueryRequest	statementID	Create a choice StatementID or TrackingID OR MessageID(whichever standard we follow in v7.0) -- DELETE all following fields <xs:element name="MailingFacility" type="mailxml_base:s10"/> <xs:element name="QualificationReportClass" type="mailxml_base:qua	Tracking ID needs discussion but everything else has been APPROVED

140	We should remove the tracking ID from the requests or responses (postage query message) to make sure the MRRR is used for the request for tracking for any given message.	TrackingIDs ConfirmIDs			Approved
141	StatementID in the PostageCancel request should be Required		StatementID optional	StatementID required	Withdrawn

142	Remove CancelConfirmID from cancelresponse	PostageStatementCancelaccept		Delete CancelConfirmID	Approved
143	Remove PeriodicalsStatementCancelRequest/Response message, identical to PostageStatementCancel			Delete this message set	Approved
144	Add CustomerContID at the MailpieceBlocl level and not at the header lkevel, like the earlier CR MAY have been implemented.	mailpieceBlock		Add CustomerContainerID	Withdrawn Dup of CR # 82 and Errata # 112

145	MailOwner in MailOwner block in the Mailpiece block and piecerange block in Mailpiece create/update/cancel should be renamed PermitPublicationDAta	MailpieceBlock PieceRangeBlockType	MailOwnerblockTYpe ParticipantIDType	All MailOwners Should be replaced by PermitPublicationData type	Approved
146	Add a PieceRangeID in the PIeceRange Block in the Mailpiece create/update/cancel messages	PieceRangeBlockType		Add PieceRangeID as required with same type as PieceId	Change it to OPTIONAL APPROVED

147	Add another choice block to the Qual preparer block and have CRID or MID as valid values in that block to do BY/For	QualificationReportDataType	Preparer with PermitPublicationDataType	Add a choice with optional CRID and optional MID to the Preparer block where either the mailer can provide permit or pub data OR can provide a CRID or MID data for By For identification	Approved
148	MailpieceCnfirm ID is not needed in the response message	MailpieceCreateAccept MailpieceCancelAccept MailpieceUpdateAccept		Delete the mailpieceConfirmId	Approved

149	drop large divider from the Mailpiece update response but add to the Requestfor update and cancel; replace the LargerTransaction divider Attribute with mailing group id and customer group id	LargeTransactionDivider MailpieceUpdateAccept - for updateresponse		Add LargeTransactionDivider -- Add LargeTransactionDivider -- Add LargeTransactionDivider -- Delete Add LargeTransactionDivider -- Delete mailipieceConfirmID from the update response --Delete mailipieceConfirmID Delete the maipiececancelConfirmid from the	Approved

150	Mailpiece Cancel Request should just have a piece ID and Piece Range ID	MailpieceCancelRequest	<xs:sequence> <xs:element name="SubmittingParty" type="mailxml:participantIDType"/> <xs:element name="SubmittingSoftware" type="mailxml:submittingSoftwareType"/> <xs:choice> <xs:sequence> <xs:element name="UserLicenseCode" type="mailxml_	Only have the job level, container, bundle level ids as well as piece or piecerangs Ids in the Cancel Request	Approved

151	get rid of mailpiece confirm id and mailpieccancelconfirm id from mail;piececancel accept block				Withdrawn Duplicate

152	Get rid of the postyageadjustmentconfirmid and replace with statementid and userpostageid	PostageAdjustmentCreateAccept	Old structure to	<xs:element name="PostageAdjustmentCreateAccept"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:complexType> <xs:sequence> <xs:sequence maxOccurs="unbounded"> <xs:element name="PostageAdjustmentU	Approved

153	MaildatContainerUpdateReject should just have the returninfo	MailDatContainerUpdateReject block		Delete SummaryRecordUpdate block	Approved
154	remove end confirmid from the response from end combined mailing group	EndCombinedmailingAccept		Delete EndConfimrID	Approved

155	Need to define values for DiscountTYpe in PeriodicalsLineItem block in Periodicals postage ststements - MailXMLBASE, 1 = DDU line A17; 5 = Non advertising piece rate C30; 9=RideAlong Surcharfe A20 and F1; C=Non advertising (Receive email from Jeff)	DiscountType PeriodicalLineItemData		Add a DiscountType in the xmlbase with values Value Description Blank/Null/Nil Null 1 DDU (A17) 5* Nonadvertising Piece Rate (C30) 9* Ride-Along (surcharge) (A20, F1) C* Nonadvertising Pound Rate – DDU (B12) D* Nonadvertising Pound Rate – DS	Approved

156	Containertype in PeriodicalsPostageStatement should be fixed, it should only have Sacks/Trays, Pallets (only two values) its name shoukld be changed to ChargeableContainerTYpe type	PeriodicalLineItemData	ContainerType	Change the field name to ChargeableContainerType, create a type in MailXML BASE with 2 Values Sacks-Trays and Pallets	approved

157	Remove the postoffice of mailing zip from PE and piostage statement create messages and anywhere else other than mailing group.	abstractPeriodicalStatementDataType abstractPostageStatementDataType		Delete PostOfficeOfMailingZip from everywhere except for openmailinggroup	Approved
158	RateAffixed should be optional in DocumentVersionData in both postage statements	DocumentVersionData	RateAffixed Required	RateAffixed Optional	Approved
161	Remove forconsolidation field from the PE postage statement	abstractPeriodicalStatementDataType		Delete ForConsolidation	Approved

162	Add Issue Number and Volume Number to the PE postage stamenet and consolidated postage stements and the response - periodicalstatementtype type	createperiodicalstatementtype		Add <xs:element name="IssueNumber" type="mailxml_base:ns06" minOccurs="0"/> <xs:element name="VolumeNumber" type="mailxml_base:ns05" minOccurs="0"/>	Approved

163	MailXMLBase make sure all Facility Types are theer for the entrypoint facility type (qual) whichj is different from the entryfaciulitytype(for postage statements)	EntryPointFacilityType		Update values from position 49 from Mail.dat CSM	Approved. Dup of CR 22 and Errata # 118
164	Add a child or parenmt flag to the periodicals Query Request			Add a type PeriodicalChildOrParentStatement with values P for parent and C for child, make the elelemnt required	Approved

165	Consolidated Periodiclas postage statement - Periodicals statement block should have the latge transaction deivider on it so we can submit 500 child statements at a time etc.	createConsolidatedPeriodicalStatementDataType		Add LargeTransactionDataDivider	Withdrawn
166	The lineitemdata at the PE postagecrate header level shold be 0 to many and not 1 to many	PeriodicalLineItemData	1 to many	0 to many	Approved

167	Add consolidated or child Status (UPD or CON)to the consolidatedresponseAccept as optional and make the accept 1 to many instead of 1 to 1. Move status to body from the attributes and make sure te status type is the right oe which is postagestatementstatu	consolidatedresponseAccept	1 to 1	1 to many -- Add Consolidatedor ChildIndicator with values UPD or CON in the base and assign to the filed ConsolidatedOrChildIndicator and add this field in the consolidatedresponseAccept block -- Move Status to the body and assign to status postagestatem	Approved

168	Must verify ALL Types are associated to the correct elements, multiple issues of wrong types associated with different elements, eg container status, postage statementstatetype(?), etc etc				Dummy Record

169	Remove UPDCOMPLETE and add COM for complete to postagestatementstatustype type	postagestatementstatustype		Replace COMPLETE with COM -- Delete UPDCOMPLETE (NO such thing as UPDCOmplete, we do have UPDNOTFINALIZED, should that be deleted?)	Approved

170	Add optional ScheduledShipDate and Time should be added to Qual Containerinfo and keep Actual Container Ship Date and time as optional	ContainerInfoData		Add ScheduledShipDate Add ScheduledShipTime as optional with date and time data types __ Make ContainerShipDate optional min 0 and add to name Actual -- Add ActualContainerShipTime as min 0	Covered by CR # 84 in PMStage

171	Replace the PeriodicalCombinedMailingData block with the Combined Mailing ID in PE postage creat as an OPTIONAL field.	PeriodicalCombinedMailingData block	PeriodicalCombinedMailingData block	CombinedMailingID	Approved

172	update CRIDTYpe	CRIDTYpe	<xs:simpleType name="CRIDType"> <xs:restriction base="xs:string"> <xs:maxLength value="15"/> <xs:minLength value="1"/> <xs:pattern value="([0-9])*"/> </xs:restriction> </xs:simpleType>	Rejected Dup of CR # 19

173	Data Distribution Messages			Make all data fields optional in the main structure to avoid placing NA or 0000 in the fields.	Approved
174	Add In-CountyAddSuppPieces (a positive integer) Add OutsideCountyAddSuppPieces (a positive integer) Add PiecesExcludingAddSupps (a positive integer)	createPeriodicalStatementType and mailxml:periodicalStatementDataType		Add In-CountyAddSuppPieces (a positive integer) Add OutsideCountyAddSuppPieces (a positive integer) Add PiecesExcludingAddSupps (a positive integer)	Rejected. Dup of CR # 1

175	Add PendingPostageAmount Field	To mailxml:createPeriodicalStatementType and mailxml:periodicalStatementDataType		Add PendingPostageAmount (positive dollar amount with two decimals)	Approved