Mail.XML 12.0A Technical Specification

FAST

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United States Postal Service

Technical Support from the USPS Help Desk and Tier 2 Support:

The USPS provides Mail.XML technical support for mailers/vendors and support is only specific to the business rules it pertains to implementation of business transactions, error codes/descriptions and exception handling with the Mail.XML implementations.

The USPS does not provide nor it is equipped to provide technical support for software development tools or IDEs (Integrated Development Environments) like Visual Studio, and software development related activities as they pertain to different technology specific programming environments for different companies, such as .Net, Java, Visual Basic, Power Builder, C, C++ etc.

The Mailer/vendor is responsible for obtaining technical support and assistance directly from the IDE vendor such as Microsoft or IBM or Sun/Oracle for software development related help needs.

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Document Change History

These are the changes from Mail.XML 12.0A FAST Version 6.0 to Mail.XML 12.0A FAST Version 7.0

Date	Section #	Title	Description
2/1/13	All		Updated cover and footer
2/1/13	All		Applied new formatting style, page breaks
2/1/13	3.1 Roadmap, Front cover		Releases updated
2/1/13	11		Added Change History Archive
2/1/13	5 Roadmap, Front cover		Numbering updated
1/18/13	All		Updated cover and footer
1/18/13	All		Applied new formatting style

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1. Postal Service Mail.XML Technical Specification

1.1 Program Overview

The *PostalOne!*® system is an electronic suite of services being developed for business mailers by the United States Postal Service® to significantly improve the mailing process. The system takes advantage of the advances in technology and leverages them to significantly improve and simplify the mailing experience.

One of the ways in which the system enables customers to electronically send detailed information to *PostalOne!* is using the mailing industry's standardized Mail.XML™ format. Mail.XML is an XML-based IDEAlliance® specification for web services. Web services uses simple HTTP(s) protocol to communicate data over the Internet, bypassing technology-specific restrictions and avoiding network-related security rules. See the IDEAlliance Mail.XML specifications at http://www.idealliance.org.

All business functions supported by the USPS as part of the Mail.XML implementation are based upon SOA (Services Oriented Architecture). With this architecture, mailer's software manages the data transactions for query, create, update, and cancel business functions as well as subscription model. Additionally, 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.

The Postal Service implementation of Mail.XML is a complement to Mail.dat. Mailers using Mail.dat can continue to use it as a database, but can use Mail.XML for communication and automation of business to business processing. Mail.XML allows business function-specific communication and faster change management processes with little to no impact to other service providers. For example, you can add optional fields or new messages without requiring software in the mailing supply chain to change. This is a core improvement area for the Mail.dat® specification.

Mail.XML allows the support of electronic documentation and end-to-end mailing supply chain business process management for a multitude of business processes. Mail.XML includes qualification reports, container and bundle reports, spoilage, eDropShip, containerization nesting, postage statements, postage adjustments, postage status query information, piece detail, piece ranging, and many other business process related communications. Mail.XML also provides the ability to electronically access USPS full-service data and to perform business functions related to full-service. Mail.XML allows create, update, and cancel transactions for the Cast of Characters (brokering of information) messages. Mail.XML supports copalletization, mixed mailing, manifest mailing, and business processes specific to MLOCR and continuous mailing environments.

One fundamental difference in the Mail.dat file and in Mail.XML messages is information content. For example, for qualification reports and postage statements Mail.dat calculates from the raw data in several Mail.dat files the copies and pieces at each price level in the qualification report and the postage statements. This sometimes leads to round-off differences compared to qualification reports and postage statements calculated by the mailer using the same Mail.dat file. In Mail.XML, the mailer provides the numbers of copies and pieces for each price level directly and there is less round-off error.

The *Postal Service Mail.XML Technical Specification* is separated based on subject matter into the following volumes per release:

June 2012 Release Technical Specifications and Guides

https://ribbs.usps.gov/intelligentmail_schedule/documents/tech_guides/june2012/techspecs.htm

October 2012 Release Technical Specifications and Guides

https://ribbs.usps.gov/intelligentmail_schedule/documents/tech_guides/oct2012/techspecs.htm

This document describes the messages for the FAST system for appointment and content management.

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1.2 General XML and Web Services Information

XML

XML stands for eXtensible Markup Language and it is designed to transport and store data. For general information on XML, please visit http://www.w3schools.com/xml/default.asp

XSD

An XSD is the XML Schema that describes the structure of an XML document. For general information on XSD, please visit http://www.w3schools.com/Schema/default.asp

2. Web Service

A Web Service is a feature that converts your software into internet-based software and publishes its functions/message to the users of the internet. For general information on Web Services, please visit:

http://www.w3schools.com/webservices/default.asp

http://www.w3schools.com/wsdl/default.asp

http://www.w3schools.com/soap/default.asp

2.1 About Schema Modularization

From Mail.XML 9. and onward publications, Mail.XML messages will be grouped into 6 sets:

Transportation Messages (focus of this guide)

Mailing Messages

Data Distribution Messages

Identification Messages

Supply Chain Messages

System Messages

The underlying schemas have been modularized to reflect these distinct message sets. Additionally, three “shared” or “common” schemas have been developed and they are:

One stores simple Mail.XML Mailing Message Specification type definitions that can be shared across message sets.

A second common module is made up of common elements and complex types that are shared across two or more message sets.

The final common module is made up of system messages and the attributes, elements and complex types that are *unique* to these messages.

Mail.XML schema modules are designed to stand alone, separated by business functions, enabling those interested in one or more message sets to develop and validate just those message sets without the requirement to address the entire Mail.XML specification. Each module will validate by itself or in combination with all other message sets when the entire Mail.XML Specification is considered. In addition, each module will be versioned separately.

Version numbers are contained within the namespace designation. Modules will be documented individually as well.

The following Mail.XML XSD modules/namespaces have been developed:

mailxml_tm.xsd: This module contains all the transportation (or FAST) messages with their attributes, elements and complex types that are *unique* to these messages. ***Namespace=mailxml_tm***

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mailxml_mm .xsd: This module contains all the mailing messages (eDoc) with their attributes, elements and complex types that are *unique* to these messages. ***Namespace=mailxml_mm***

mailxml_dd.xsd: This module contains all the data distribution messages with their attributes, elements and complex types that are *unique* to these messages. ***Namespace=mailxml_dd***

mailxml_id.xsd: This module contains all the identification messages(CRID, MID etc.) with their attributes, elements and complex types that are *unique* to these messages. ***Namespace=mailxml_id***

mailxml_sc xsd: This module contains all the supply chain messages (Cross functional container based and other Mail.dat/Mail.XMl update functions) with their attributes, elements and complex types that are *unique* to these messages. ***Namespace=mailxml_sc***

mailxml.xsd: This module contains all the system messages with their attributes, elements and complex types that are *unique* to these messages. Note that in order for the MessageResponseRetrievalResponse to work, all the other message modules are included by the system.xsd. ***Namespace=mailxml***

mailxml_defs.xsd: This module contains all the common definitions of attributes, elements and complex types that are used across one or more message types. **Namespace=mailxml_defs**

mailxml_base.xsd: This module contains all the simple types that are used everywhere in the mailxml. These are simple types that are associated with every element of each message. ***Namespace=mailxml_base***

2.2 What Schemas Cover FAST Functionality?

With the break-down of XSD into multiple schemas, the FAST functionality will be covered by mailxml_tm.xsd module.

In addition to the above modules, mailxml_base.xsd and mailxml_defs are common/shared XSD that will be referred by each of these individual FASTspecific modules.

Lastly mailxml.xsd module will be the source XSD that will connect all messages to their system level attributes. For example, MessageResponseRetrievalReponse is shared attribute/complex type associated to almost every single Mail.XML message regardless of whether it is a Data Distribution functionality or FAST or eDoc functionality. The other examples are DeliveryResponse, NotificationResponse, Fault, etc.

2.3 USPS® Limitation Rule on Transaction Requests

The Postal Service recommends that USPS Mail.XML customers update their Mail.XML software to query the USPS *PostalOne!*/FAST systems **no more than seven times per hour**. Similarly, USPS customers are required to set up their web services pull software to query the *PostalOne!* servers to **no more than 200 times in a given 24 hour period** for their eDoc, FAST, or Full Service related data queries. This change is required on the customer's end and will greatly assist in avoiding subsequent performance issues with different Mail.XML business transactions that can hinder quality of service, while at the same time allowing many opportunities to query necessary postal data. Similarly, in order to improve overall experience for all customers it is absolutely necessary that customers program their software to query the USPS systems for different transactions at different times, i.e., configure some queries to occur at odd times, e.g., FAST queries and configure other queries, e.g., eDoc and Data distribution to occur at even times.

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3. USPS Asynchronous Transaction rule (24 Hour Rule) with Tracking IDs

USPS will start making a tracking ID (an Id generated in case there is a delay in giving a response back to the customer) stale after 24 hours of its generation. The customer needs to restart the transaction after 24 hours on non-response from the *PostalOne!* System for any of their FAST Mail.XML transactions.

3.1 Roadmap of Mail.XML

The table below shows versions of Mail.XML supported in each release.

June 2012 Release 21	October 2012 Release 22	January 2013 Release 23	April 2013 Release 24	July 2013 Release 25	October 2013 Release 26
Mail.XML 8.0B Mail.XML 10.0 Mail.XML 12.0A**	Mail.XML 8.0B Mail.XML 10.0 Mail.XML 12.0A Mail.XML 12.0B**	Mail.XML 8.0B* Mail.XML 10.0 Mail.XML 12.0A Mail.XML 12.0B	Mail.XML 10.0 Mail.XML 12.0A Mail.XML 12.0B	Mail.XML 10.0* Mail.XML 12.0A Mail.XML 12.0B Mail.XML 14.0**	Mail.XML 12.0A Mail.XML 12.0B Mail.XML 14.0

Note: *Support for Mail.XML 8.0 with the asterisk (*) will no longer be supported beginning in the April 2013 Release.*

Note: *Support for Mail.XML 6.0D ended on April 1, 2012.*

The table below lists all Mail.XML FAST related messages supported in 12.0A and 12.0B .

Message Name	Mail.XML 12.0A	Mail.XML 12.0B
AllApptCloseoutResponse	X	X
AllDeliveryApptCloseoutRequest	X	X
ConsigneeGoodsReceipt	X	X
CustomerSupplierAgreementQuery Request	X	X
CustomerSupplierAgreementQuery Response	X	X
DeliveryApptCancelCreateRequest	X	X
DeliveryApptCancelCreateResponse	X	X
DeliveryApptCancelRequest	X	X
DeliveryApptCancelResponse	X	X
DeliveryApptCreateRequest	X	X
DeliveryApptCreateResponse	X	X
DeliveryApptQueryRequest	X	X
DeliveryApptQueryResponse	X	X
DeliveryApptShellCancelRequest	X	X
DeliveryApptShellCancelResponse	X	X

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Message Name	Mail.XML 12.0A	Mail.XML 12.0B
DeliveryApptShellCreateRequest	X	X
DeliveryApptShellCreateResponse	X	X
DeliveryApptShellUpdateRequest	X	X
DeliveryApptShellUpdateResponse	X	X
DeliveryApptUpdateRequest	X	X
DeliveryApptUpdateResponse	X	X
DeliveryContentCancelRequest	X	X
DeliveryContentCancelResponse	X	X
DeliveryContentCreateRequest	X	X
DeliveryContentCreateResponse	X	X
DeliveryContentQueryRequest	X	X
DeliveryContentQueryResponse	X	X
DeliveryContentUpdateRequest	X	X
DeliveryContentUpdateResponse	X	X
MessageResponseRetrievalRequest	X	X
MessageResponseRetrievalResponse	X	X
PartnerApptQueryRequest	X	X
PartnerApptQueryResponse	X	X
RecurringApptQueryRequest	X	X
RecurringApptQueryResponse	X	X
UnscheduledConsigneeGoodsReceipt	X	X
StaleContentDelivery	X	X
StaleContentNotification	X	X
StateContentQueryRequest	X	X
StateContentQueryResponse	X	X
USPSDeliveryContentUpdatedDelivery	X	X
USPSDeliveryContentUpdatedNotification	X	X
USPSDeliveryContentUpdatedQueryRequest	X	X
USPSDeliveryContentUpdatedQueryResponse	X	X
PartnerContentAssignmentRequest	X	X
PartnerContentAssignmentResponse	X	X
AllApptCloseoutDelivery	X	X
AllApptCloseoutNotification	X	X

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3.2 Purpose

The purpose of this Technical Specification is to supplement the IDEAlliance Mail.XML specification and to provide Mail.XML users with specific information regarding the USPS FAST implementation.

Facility Access and Shipment Tracking (FAST) is a USPS appointment scheduling system utilized by large volume customers to provide advanced notification (logistics and mail content) of mail induction. FAST appointments are required for drop shipments as well as full-service customer-transported origin entry mailings. Mailers can provide the logistics information and content high-level summary data via on-line FAST website and can use a combination of online FAST web site functionality or pure web service or web services with reference to the Mail.dat container information within the *PostalOne!* system to provide logistics as well as detail content information including the IM container barcodes to the FAST system. Those details are available in the FAST drop shipment and origin entry User guides available if users log in at https://fast.usps.com/fast/fastApp/resources/documentsDownload.action

This document focuses on the pure web services and web services in conjunction with reference to Mail.dat data available in the *PostalOne!* system.

Additionally, FAST leverages USPS enterprise systems to incorporate facility information, customer information, address information, and drop ship discounts processed at a corresponding USPS facility. While scheduling, FAST validates the advanced notification information provided by mailers against the "facility profile." Key operational validation questions include:

Is the facility open and staffed to handle drop shipments?

Does this facility accept/process the drop shipment discounted mail that is planned for induction?

Does the volume of mail planned for induction exceed the facility's capacity?

Once the advance notification information is validated in FAST, this data is vital to the USPS for facility planning, dock utilization, yard management, and other operational activities.

PostalOne! FAST Web Services allow customers to leverage Mail.XML to integrate with FAST electronically. Messaging and business rules specific to FAST will be described in the following sections.

3.3 Intended Audience

The intended audience for this specification is technical programmers and technical managers. Prior knowledge of XML language, Mail.XML and Mail.dat functionalities will greatly improve the understanding of this document. The majority of the codes used in the Mail.XML base XSD come from the Mail.dat specification. The USPS recommends Mail.XML users to read *Postal Service Mail.dat Technical Specification* to better understand Mail.XML structure and functionalities.

3.4 About This Document

The data structure tables of FAST messages in Section 3 references many complex types. USPS recommends reviewing all complex types provided in the Appendix B to fully understand the structure of the FAST messages.

In the data structure table of FAST messages in Section 3 under the acceptable values column, actual simple type names are used for some of the elements. Review all simple types listed in Appendix B to fully understand the acceptable values that are validated by *PostalOne!* system. Appendix B shows the simple types for 12.A.

> ***Note:*** *The simple types listed here are consistent across all other USPS Mail.XML guides such as eDoc, Data Distribution.*

In the Appendix B - each of the simple type uses codes are listed. In this version of the specification, the descriptions of those codes have been added for clarification. For more information, see the *Postal Service Mail.dat Technical Specification* document located on RIBBS® at: http://ribbs.usps.gov/index.cfm?page=intellmailguides

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In the data structure tables of this document described in Section 5 through 8, some field names may contain spaces for readability purposes because the names of those fields are lengthy. In Mail.XML, spaces are not allowed in the element names. For example: “SubmittingParty” is the element name but in the data table it may have been written as Submitting Party”. If you are using this document to code your software then use the latest version of Mail.XML XSD located on RIBBS® to fully understand the name of the elements, structure of every block and the structure of messages to minimize the impact of incorrect coding.

3.5 How to Read Data Structure

There are three possibilities for every element listed in the data structure table of each message. These possibilities are REQUIRED, OPTIONAL, and CONDITIONALLY REQUIRED. The Required option means that mailer/preparer or sender of the message must provide data for the element. The Optional option means the sender of the message has a choice to include the data or omit it from submission. The third option of Conditionally Required means that if certain condition is met then the sender of the message must provide data for that particular element; for example - EntryPointEDPostalCode is conditionally required if EntryPointEDFacilityType is populated in the ContainerUpdateRequest message.

In addition to the above options, there are instances where the main block is marked as REQUIRED but the elements within the block are OPTIONAL or vice versa. This means that the sender of the message must include the block when sending the message but can omit all elements within the block. A good example is the ‘SubmittingParty’ block which is a REQUIRED block but all elements within this block are OPTIONAL.

3.6 Issue Resolution

All issues identified in the USPS software that may not correspond with the business rules identified in this specification and require work-arounds are listed on critical issues list on the RIBBS Intelligent Mail site under Latest News. The current *PostalOne!* Critical Issues list is found at Intelligent Mail on the Latest News tab at:

http://ribbs.usps.gov/intelligentmail_latestnews/documents/tech_guides/PostalOneCriticalIssueExtCustomers.pdf

3.7 Environments Supported by USPS

The USPS supports a test and production environment

Testing Environment for Mailers (TEM): This environment is used for software approval processes for all mailers prior to moving into the production environment. Mailers must work with the *PostalOne!* Help Desk to start the approval process for their software, and must be approved in the TEM environment, prior to sending Mail.XML data transactions in the Production environment. The TEM environment for Mail.XML basic testing capabilities is available as of November 2009 and will be available for all future releases. For more information regarding TEM, see the *Test Environment for Mailers: Checklist and Troubleshooting Guide*

Production Environment: This Production environment will be used by all of those customers who have been approved by USPS to start sending messages and transactions. These customers will be approved because of performing required tests in the TEM environment. Customers will only receive production support for message types that they have completed testing in the TEM environment and for which they have received approval.

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4. PostalOne! WSDL Information

All web services transactions that are made with the USPS should comply with the WSDL specification, which are posted on RIBBS® and can be downloaded from the following location: http://ribbs.usps.gov/intelligentmail_guides/documents/tech_guides/xmlspec/wsdls/wsdls.htm

A web services request must include a valid and active USPS User ID and Password as defined in the UserAuthenticationInfo.xsd file that is provided as part of the WSDL files. A typical web service message construct defined is as follows:

```
<wsdl:message name="DeliveryApptContentUpdateRequest">
    <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
    <wsdl:part name="apptContentUpdate" element="tns:apptContentUpdate"/>
</wsdl:message>
```

With the following

String-typed WSDL:

```
<wsdl:message name="StartTheClockQueryRequest">
    <wsdl:part element="auth:AuthenticationInfo" name="authInfo"/>
    <wsdl:part element="tns:startTheClockQuery" name="startTheClockQuery"/>
</wsdl:message>
```

XSD-typed WSDL:

```
<wsdl:message name="FullServiceStartTheClockQueryRequest">
    <wsdl:part element="uspsmxml:FullServiceStartTheClockQueryRequest"
    name="FullServiceStartTheClockQueryRequest"/>
</wsdl:message>
```

USPS will validate and authenticate the user information before processing the request. An error message will be returned in response to the web service request for invalid user information.

4.1 Types of WSDLs

There are two types of WSDLs, the String-Type WSDL and Message-Type WSDL. The following is basic information on each of the WSDL types to help customers understand what are the advantages and disadvantages of consuming String versus Message Type WSDLs.

4.1.1 Consuming String-Type WSDLs:

The string-type is a more generalized method, in which a customer needs to manually register each message type and register all services in their environment to later use for invoking the remote service. This is a manual process and cannot be automated easily. This is the major disadvantage of using this method. The advantage is that one string type WSDL can be used for any version of Mail.XML but is required to be manually registered in the code.

NOTE: Mail.XML no loger supports String-Type WSDLs

4.1.2 Consuming Message-Type WSDLs:

The message-type eliminates the need to manually register each service and message type. With this method, a customer can use an automated tool that can set up their environment without manually registering each service. However, this approach requires updates to WSDLs every time a new Mail.XML version is released. In other words, it is tightly coupled with the Mail.XML Specification

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Version. The USPS is transitioning to this type of Message WSDLs to remove manual editing and registering of messages. USPS will stop supporting string-type WSDLs after the Mail.XML 9.0 release. It is therefore recommended to start or make plans to move to the message-type WSDLs.

The customer must use message-type URL to consume the services. These URLs are provided in Appendix C.

4.2 Exceptions

Following is the list of exceptions identified by USPS.

Mail.XML Version	Exception Description
8.0B	**First-Class CSA Pallets** The Mail.XML v8.0B specification is missing new container levels that were added to the Mail.dat 09-1 specification to support First-Class CSA Palletization (values AH, AI, AL). In two scenarios, a Scheduler makes an appointment through Mail.XML with the *PostalOne!* and FAST systems. The description and exception of each of these scenarios are: <u>SCENARIO # 1</u> 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. <u>SCENARIO # 2</u> 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. <u>Exception</u> With option 2 above, when making appointments through Mail.XML v8.0B web services for First-Class CSA pallets, the *PostalOne!* system will populate AB, Z, and AP in the PalletPresortType block, which is part of the USPSSummary -> Pallets ->PalletUnitType block, to FAST when it finds AH, AI, and AL in the CSM sort levels respectively. 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.
Recurring Contents	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. <u>Exception</u> When the scheduler is updating content for recurring appointments through Mail.dat 09-1 updates, the *PostalOne!* system will populate AB, Z, and AP in the Pallets block, which is part of the USPSSummary block, and send to

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Mail.XML Version	Exception Description
	FAST when it finds AH, AI and AL CSM sort levels respectively. 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
All	Mailers have the option to either provide a Mail.dat Summary block (when eDoc is submitted through Mail.dat to PostalOne!) OR an USPSSummary block to provide content information to the FAST system. The USPS is requesting that Mailers provide the Mail.dat Summary block, besides the USPS Summary block, each time an appointment's content is provided through a create or update transaction to help with easy location of containers within Mail.dat. This Mail.dat Summary block is 'not' required; if it is available, we request that mailers provide this block to the PostalOne!/FAST systems at all times in conjunction with the USPS Summary block for faster processing of data.
8.0B	Customers who are MailOwners, MailPreparer, and Schedulers will receive the Appointment Closeout data. However, submitter of information, if they are not the Scheduler, does not receive such data. The mail Preparer and Owner must be identified in the USPS Summary block by CRIDs or Scheduler IDs to receive the Closeout data associated with an appointment.
All	Entity creating Stand-alone content shall provide their own SchedulerID (if using Mail.XML version v8.0B) or CRID (only supported by Mail.XML v8.0B) to the FAST system as a value for the 'MailPreparerID' field of ContentUSPSSummaryType block in DeliveryContentCreateRequest and DeliveryContentUpdateRequest Messages. By providing the SchedulerID or CRID (only supported in Mail.XML 8.0B) in the MailPreparerID, the mailer will make sure that closeout data for the content is provided to the submitter.
8.0B	An issue has been identified in the processing of appointment contents for logical mailings. If only Mail.dat summary block is provided in the Mail.XML appointment create messages then due to a specification limitation *PostalOne!* may not send the accurate data to FAST system. Logical mailers must send the USPSSummary block until the Mail.XML 9.0 specification is updated and implemented by PO/FAST.

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PostalOne! – FAST Mail.XML Web Services

4.3 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 with the capabilities to schedule appointments.

4.4 Access to PostalOne! - FAST Web Services

To gain initial access to FAST, a mail owner or mailing agent must request a business account and request the FAST service through the Business Customer Gateway. The gateway performs all authentication and authorization services for FAST and *PostalOne!* systems.

Briefly for those customers registering for FAST Web Services, in order to complete the registration process, the company for which the customer registers, must be assigned to a *PostalOne!* FAST hierarchy. If the company for which a customer is applying for access is not currently using FAST, the user must create a new corporation to allow the company to serve as the headquarters/corporate office in the new gateway system. If a user needs to associate the company to an existing corporation in *PostalOne!* FAST, the existing corporation using that corporation's Customer Registration ID (CRID) must be located to be assigned to a *PostalOne!* FAST hierarchy. The FAST application will take over the hierarchy process from *PostalOne!*.

For detailed information on gaining access to FAST, refer to section 3.6 of Facility Access & Shipment Tracking (FAST), *PostalOne!* Hierarchy of User Access to Electronic Mailing Information & Reports Guide posted on the Rapid Information Bulletin Board System – RIBBS - http://ribbs.usps.gov/index.cfm?page=intellmailguides."

Utilizing the IDEAlliance Mail.XML Specification and *Postal One!*/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.

4.5 PostalOne! - FAST Mail.XML Web Services Supported Messages

PostalOne! - FAST Mail.XML Web Services will continue to support Mail.XML 8.0B until April 2013 release, but will be sunset at that point and will no longer be supported afterwards. Mail.XML versions 10.0, 12.0A, and 12.0B are currently supported, and will continue to be supported after the April 2013 Release.

The next section lists the workflow for most common messages that will be supported the version of Mail.XML 12.0A.

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4.6 FAST Workflows for Mail.XML

This section lists most common messages associated with the FAST workflow. This is not a complete list, but provides basic information regarding FAST messages

4.6.1 Create one time appointment (single Entity Scheduling)

For Origin and Destination Entry Transporter /Mail Owner /Mail preparer

1. To determine Slot Availability

Submit – DeliveryApptQueryRequest

→Receive – DeliveryApptQueryResponse

Transporter /Mail Owner /Mail preparer

2. To create appointment based on Slot Availability

Submit -- DeliveryApptCreateRequest

→Receive -- DeliveryApptCreateResponse

Input - Appointment ID in eDoc and PS Form 8125/8017 (If using Mail.XML, customer does not need to update the eDocumentation, i.e., Mail.dat container summary data. Not eDocumentation updates are only supported for recurring appointments and are not supported for one-time appointments)

4.6.2 Manage one time Appointment (single Entity Scheduling)

For Origin and Destination Entry Transporter /Mail Owner /Mail preparer

Submit – DeliveryApptUpdateRequest

→ Receive – DeliveryApptUpdateResponse

Cancel One time Appointment ((single Entity Scheduling) – For Origin and Destination Entry

Transporter /Mail Owner /Mail preparer

Submit – DeliveryApptCancelRequest

→Receive – DeliveryApptUpdateResponse with ConfirmationID

4.6.3 Updating a Recurring Appointment Instance (single Entity Scheduling)

For Origin and Destination Entry Transporter /Mail Owner /Mail preparer

Submit – DeliveryApptUpdateRequest with ConsigneeID=12345RMMDD (MMDD is the Month and Date of the Appointment)

→Receive – DeliveryApptUpdateResponse

Input – Appointment ID in eDoc and PS Form8125/8017 (If using Mail.XML, customer does not need to update this)

NOTE: 12345 is the recurring appointment sequence

4.6.4 Retrieving CSA Data

Scenario#1 Request CSA by CSAID

Submit – CSAQueryRequest

→Receive – CSAQueryResponse Based on CSAID

Scenario#2 Request CSA by CRID

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Submit – CSAQueryRequest

→Receive – CSAQueryResponse with All CSAs associated to CRID

4.6.5 Partner Appointment Query

Scenario#1 - Scheduler delegates a third party to query data for one time appointment

Submit – PartnerApptQueryRequest

with Submitting Party data= Third Party and HeaderInfo=Scheduler Info

→Receive – PartnerApptQueryResponse with all information of appointment

Scenario#2 – Mail Owner delegates a third party to query data for one time appointment

Mail Owner

Submit – PartnerApptQueryRequest

with Submitting Party data= Third Party and HeaderInfo=Mail Owner Info

→Receive – PartnerApptQueryResponse with information pertaining to Mail Owner only

Scenario#3 - Mail Preparer delegates a third party to query data for one time appointment

Mail Preparer

Submit – PartnerApptQueryRequest

with Submitting Party data= Third Party and HeaderInfo=Mail Preparer Info

→Receive – PartnerApptQueryResponse with information pertaining to Mail Preparer only

4.6.6 Scheduler wants to update only logistics information

(no change in content and single entity scheduling)

Scheduler:

Submit – DeliveryApptShellUpdateRequest

→Receive – DeliveryApptShellUpdateResponse

4.6.7 Receiving Closeout Information

USPS Closesout Appointment

FAST generates ConsigneeGoodsReceipt for Scheduled Appointments and sends it to *PostalOne!*

FAST generates UnscheduledConsigneeGoodsReceipt for Unscheduled Appointments and sends it to *PostalOne!*

Submit – AllApptCloseoutRequest

→Receive – All ConsigneeGoodsReceipt and UnscheduledConsigneeGoodsReceipt for all appointments via AllApptCloseoutResponse

4.6.8 One Time Appointment and Joint Scheduling

Scenario #1: Create Process

Transporter -

manages only logistics

Submit – Transporter submits DeliveryApptShellCreateRequest

→Receive – Transporter receives DeliveryApptShellCreateResponse with Appointment ID

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Transporter provides Appointment ID /Consignee ID to Mail Owner1/Mail Owner2 and Mail Preparer2

Mail Owner1 -

Submit -- DeliveryContentCreateRequest with Appointment ID

→Receive –DeliveryContentCreateResponse

Mail Owner2

Submit – DeliveryContentCreateRequest with Appointment ID

→ Receive –DeliveryContentCreateResponse

Mail Preparer1

Submit –DeliveryContentCreateRequest with ConsigneeAppointment ID

→Receive –DeliveryContentCreateResponse

Transporter

Transporter wants to understand contents associated to appointment

Submit –DeliveryContentQueryRequest

→Receive –DeliveryContentQueryResponse with all details of appointments

NOTE: FAST sends notification via emails to Transporter with each update to appointment

Scenario#2: Update Process

Mail Owner1

Submit –DeliveryContentUpdateRequest

→Receive –DeliveryContentUpdateResponse

NOTE: FAST sends notification via emails to Transporter of updated content information.

Scenario#3: Cancel Process

Mail Preparer1 - wants to cancel

Submit –DeliveryContentCancelRequest

→Receive –DeliveryContentCancelResponse

NOTE: FAST sends notification via emails to Transporter of cancellation.

4.6.9 Standalone content and joint scheduling

Scenario #1: Transporter uses FAST online to link Content to a new or existing appointment.

Mail Owner1

Submit – DeliveryContentCreateRequest specifying Transporter and Induction Date

→Receive -- DeliveryContentCreateResponse

NOTE: FAST sends notification via email to Transporter

Scenario #2: Transporter uses Mail.XML to link Content.

Mail Owner/Mail Preparer creates content while identifying the transporter

Submit –DeliveryContentCreateRequest specifying Transporter and Induction facility

→Receive DeliveryContentCreateResponse

Mail Owner/Mail Preparer provides FAST ContentID to Transporter – Transporter links content to the appointment

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Submit –DeliveryApptCreateRequest with FAST ContentID

→Receive DeliveryApptCreateResponse

NOTE: FAST sends email notification to Mail Owner/Mail Preparer of Content Association to Appointment

Submit -- Mail Owner/Mail Preparer submits DeliveryContentQueryRequest to obtain Appointment ID

4.6.10 Recurring Appointments and Joint Scheduling (Pure Periodicals)

Scenario # 1: Pure Periodicals Drop Shipments

Transporter

Submit –DeliveryApptShellCreateRequest

→Receive –DeliveryApptShellCreateResponse

Transporter notifies Mail Owner1 the Recurring Appointment Sequence ID

Mail Owner1

Submit –DeliveryContentCreateRequest with Recurring Appointment Sequence ID

→Receive –DeliveryContentCreateResponse

NOTE: FAST auto approves Recurring Appointments.

Mail Owner2

Submit –DeliveryContentCreateRequest with Recurring Appointment Sequence ID

→Receive –receives DeliveryContentCreateResponse

Transporter

Submit –RecurringApptQueryRequest using the Recurring Appt Sequence ID

→Receive – Transporter receives RecurringApptQueryResponse with all details of the recurring appointments

FAST creates instances 14 days in advance of effective start date

Transporter uses DeliveryApptUpdateRequest to update instances and receives DeliveryApptUpdateResponse (See Scenario #4 Updating a Recurring Appointment Instance)

Transporter uses DeliveryContentCreateRequest to add additional content to the existing Recurring Appointment Sequence (Mail.XML 8.0B only)

Scenario # 2: Recurring Appointments and Joint Scheduling (Standard/Packaged Services/ Mixed Mail Class)

Transporter

Submit –DeliveryApptShellCreateRequest

→Receive –DeliveryApptShellCreateResponse

Transporter notifies Mail Owner1 Recurring Appt Sequence ID

USPS /FAST

Notification is sent to facility for review and approval.

USPS Facility approves Recurring Appointments.

Notification is sent to Transporter/ Mail Owner/ Mail Preparer of approval.

Transporter

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Transporter uses DeliveryAppUpdateRequest to update instances and receives DeliveryApptUpdateResponse (See Scenario #4 Updating a Recurring Appointment Instance.

Scenario # 3: Additional Mail Preparer added to an active recurring appointment) Mail Preparer1

Submits --DeliveryContentCreateRequest with Recurring Appointment Sequence ID

→Receives – DeliveryContentCreateResponse

USPS/FAST

Notification is sent to facility for review and approval.

USPS Facility approves Recurring Appointments.

Notification is sent to Transporter/ Mail Owner/ Mail Preparer of approval.

Transporter

Transporter uses DeliveryApptUpdateRequest to update instances and receives DeliveryApptUpdateResponse (See Scenario #4 Updating a Recurring Appointment Instance.

FAST creates instances 14 days in advance of effective start date

4.6.11 MessageRetrieval Request/Response

Transporter /Mail Owner /Mail Preparer

Submit – Any FAST messages (Refer to the table in Section1)

PostalOne!

PostalOne! Generates TrackingID

Transporter /Mail Owner /Mail Preparer

Submit --MessageRetrievalRequest for TrackingID

→Receive – MessageRetrievalResponse for the corresponding message

4.7 Mail.dat Transportation Updates for Recurring Appointments

1. For recurring appointments, customers have an option to provide their contents for Full-Service compliance to FAST system through PostalOne! Mail.dat Transportation updates. Mail.dat Transportation updates are only available for eDoc filed through Mail.dat and for the recurring appointments that were created through Mail.XML.
2. Customers must provide all of the following fields in Mail.dat CSM file:
   a. SequenceID. This is a 6-byte field and is composed of five numeric values followed by hard letter ‘R’, which signify recurring appointments e.g. 23567R
   b. ‘Reservation Number' field. This is the FAST appointment ID (Consignee Appointment ID) which customer receives when they schedule appointment through FAST online or through Mail.XML using DeliveryApptCreateRequest or DeliveryApptShellCreateRequest.
   c. ‘Scheduled Induction Date' field. This is the planned appointment date that was scheduled by the customer through FAST online or Mail.XML at the time of appointment creation.
   d. 'FAST Content ID' field. This is associated with the recurring appointment in the FAST system. The FAST Content ID is a nine digit numeric field, which can be obtained either through the FAST online system or via Mail.XML through the RecurringApptQueryRequest. Similar to the FAST Recurring Sequence, the FAST Content ID is static.
3. The appointment information needs to match the actual delivery of mail. Once received by *PostalOne!* system, this IMcb and presort data is sent to the FAST system. If FAST rejects the transaction, the error is not reported back to *PostalOne!* system or to the customer. The

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customer must log on to FAST online system to verify if the contents have been successfully associated with the recurring appointment.

Data Structure: AllDeliveryApptCloseoutRequest

Field	Format	Acceptable Values	Business Rules	Comments
AllDeliveryApptCloseoutRequest				
StatusRequestByTimeMsgHeaderInfoBegins			Attributes block	
SchedulerID	String, 12 characters		Required	
SchedulerCorpID	String, 12 characters		Required	
CreatorSchedulerCorpID	String, 12 characters		Required	
CreatorSchedulerID	String, 12 characters		Optional	
Start	Datetime	YYYY-MM-DDTHH:MM:SS	Optional	
End	Datetime	YYYY-MM-DDTHH:MM:SS	Optional	
StatusRequestByTimeMsgHeaderInfo ends				
SubmittingParty	mailxml:participantIDType		Required block; Identifies the customer submitting the message	Refer 'participantIDType' complex type in Appendix A
SubmittingSoftware	mailxml:submittingSoftwareType		Identifies the software submitting the message	Refer 'SubmittingSoftware ' complex type in Appendix A

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5. Mail.XML 12.0A

FAST Message and Data Structures

This section lists the details of all messages that have been either changed from the previous supported versions or have been newly added to the list of supported messages.

5.1 DeliveryApptShellCreateRequest

The purpose of this message is to allow creation of Recurring appointment Shell or One-time Appointment Shells without the actual content associated with the appointment.

Mail.XML 12.0A - DeliveryApptShellCreateRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryApptShell CreateRequest BEGINS				
RequestMsgHeaderInfo	requestMsgHeaderInfo attribute block		Attributes block	Refer Appendix A for details on this attribute
SubmittingParty	mailxml:participantIDType		Required block; Identifies the customer submitting the message	Refer 'participantIDType' complex type in Appendix A
SubmittingSoftware	mailxml:submittingSoftwareType		Identifies the software submitting the message	Refer 'submittingSoftwareType' complex type in Appendix A
SubmitterTrackingID	String 20		Required	
ConsigneeFacility	mailxml: ConsigneeFacilityType		Required	Refer 'ConsigneeFacility' complex type in Appendix A
DestinationEntry	Mailxml_base:yesNo	Only Yes or No	Required	This is a boolean type simple type
MailClass	mailxml: MailClassType	Refer 'mailClassType' simple type	Required 1 to many allowed	Refer 'Appendix B'

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Mail.XML 12.0A - DeliveryApptShellCreateRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
Choice Block BEGINS			Either RecurringAppt block data or OneTImeAppt block is required	
RecurringAppt	mailxml:Recuring ApptType		Required	Refer 'RecurringApptType' complex type in Appendix A
OneTimeAppt	mailxml: OneTimeApptType		Required	Refer 'OneTimeApptType' complex type in Appendix A
Choice Block ENDS				
TrailerInfo	mailxml: TrailerInfo Type		Optional	Refer 'TrailerInfo' complex type in Appendix A
Comment	String, 256 characters		Optional	
DeliveryApptShell CreateRequest ENDS				

5.2 DeliveryApptShellCreateResponse

This is a response message for DeliveryApptShellCreateRequest, which is sent by USPS to requestor servers. This message has two major blocks i.e. Accept Block and Reject Block. When a request message is accepted – the Accept block is returned with relevant data and when a request message is rejected then a Reject block is returned with error code and description to help user/mailer to correct the issue and resend the request.

Mail.XML 12.0A - DeliveryApptShellCreateResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryApptShell CreateResponse message BEGINS				
TrackingID	String 20	-	OPTIONAL Tracking ID allows users to re-query using this ID	-
SubmitterTracking ID	String 20		Required	

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Mail.XML 12.0A - DeliveryApptShellCreateResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
Choice Block BEGINS			Either Accept block or Reject block is returned.	
DeliveryApptShell CreateAccept	mailxml: DeliveryApptShell AcceptType		Required	Refer 'DeliveryApptShell AcceptType' complex type in Appendix A
DeliveryApptShell CreateReject	mailxml: DeliveryApptShell RejectType		Required	Refer 'DeliveryApptShell RejectType' complex type in Appendix A
Choice Block ENDS				
DeliveryApptShell CreateResponse message ENDS				

5.3 DeliveryApptShellUpdateRequest

The purpose of this message is to allow FAST users to update the existing Recurring or One Time appointment shells or appointment logistics information.

Mail.XML 12.0A - DeliveryApptShellUpdateRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryApptShellUpdate Request BEGINS				
RequestMsgHeaderInfo	requestMsgHeaderInfo attribute block		Attributes block	Refer Appendix A for details on this attribute
SubmittingParty	mailxml:participantIDType		Required block; Identifies the customer submitting the message	Refer 'participantIDType' complex type in Appendix A

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Mail.XML 12.0A - DeliveryApptShellUpdateRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
SubmittingSoftware	mailxml:submittingSoftwareType		Identifies the software submitting the message	Refer 'submittingSoftware Type' complex type in Appendix A
SubmitterTrackingID	String 20		Required	
ConsigneeFacility	mailxml: ConsigneeFacility Type		Required	Refer 'ConsigneeFacility' complex type in Appendix A
DestinationEntry	Mailxml_base:yesNo	Only Yes or No	Required	This field allows mailers to specify whether the mail is origin entered or drop ship
MailClass	mailxml: MailClassType	Refer 'mailClassType' simple type	Required 1 to many allowed	Refer 'Appendix B'
Choice Block BEGINS			Either RecurringAppt block data or OneTImeAppt block is required	
RecurringAppt	mailxml:RecuringApptType		Required	Refer 'RecurringApptType' complex type in Appendix A
OneTimeAppt	mailxml: OneTimeApptType		Required	Refer 'OneTimeApptType' complex type in Appendix A
Choice Block ENDS				
TrailerInfo	mailxml: TrailerInfo Type		Optional	Refer 'TrailerInfo' complex type in Appendix A
Comment	String, 256 characters		Optional	
DeliveryApptShellUpdate Request ENDS				

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5.4 DeliveryApptShellUpdateResponse

This is a response message for DeliveryApptShellUpdateRequest, which is sent by USPS to requestor servers. This message has two major blocks i.e. Accept Block and Reject Block. When a request message is accepted – the Accept block is returned with relevant data and when a request message is rejected then a Reject block is returned with error code and description to help user/mailer to correct the issue and resend the request.

Mail.XML 12.0A - DeliveryApptShellUpdateResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryApptShell UpdateResponse message BEGINS				
TrackingID	String 20	-	OPTIONAL Tracking ID allows users to re-query using this ID	-
SubmitterTracking ID	String 20		Required	
Choice Block BEGINS			Either Accept block or Reject block is returned.	
DeliveryApptShellAccept	mailxml: DeliveryApptShellAcceptType		Required	Refer 'DeliveryApptShellAcceptType' complex type in Appendix A
DeliveryApptShell Reject	mailxml: DeliveryApptShell RejectType		Required	Refer 'DeliveryApptShell RejectType' complex type in Appendix A
Choice Block ENDS				
DeliveryApptShell UpdateResponse message ENDS				

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5.5 DeliveryApptShellCancelRequest

The purpose of this message is to allow FAST users to cancel an existing appointment shell, which could be one-time, or recurring shell appointment. The user must send all required fields data in a message to cancel an appointment shell.

Mail.XML 12.0A - DeliveryApptShellCancelRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryApptShell CancelRequest BEGINS				
RequestMsgHeaderInfo Begins	requestMsgHeaderInfo attribute block		Attributes block	Refer Appendix A for details on this attribute
SubmittingParty	mailxml:participantIDType		Required block; Identifies the customer submitting the message	Refer 'participantIDType' complex type in Appendix A
SubmittingSoftware	mailxml:submittingSoftwareType		Required Identifies the software submitting the message	Refer 'submittingSoftwareType' complex type in Appendix A
DestinationEntry	Mailxml_base:yesNo	Only Yes or No	Required	This field allows mailers to specify whether the mail is origin entered or drop ship
ReturnInfo	optReturnInfoType complex type		Required	Refer to this complex type in Appendix A
DeliveryApptShell CancelRequest ENDS				

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5.6 DeliveryApptShellCancelResponse

This is a response message for DeliveryApptShellCancelRequest, which is sent by USPS to requestor servers. This message has two major blocks i.e. Accept Block and Reject Block. When a request message is accepted – the Accept block is returned with relevant data and when a request message is rejected then a Reject block is returned with error code and description to help user/mailer to correct the issue and resend the request.

Mail.XML 12.0A - DeliveryApptShellCancelResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryApptShell CancelResponse message BEGINS				
TrackingID	String 20	-	OPTIONAL Tracking ID allows users to re-query using this ID	-
Choice Block BEGINS			Either Accept block or Reject block is returned.	
DeliveryApptCanc elAccept Block BEGINS				
ResponseMsgHea derInfo	ResponseMsgHea derInfo attribute block		Attributes block	Refer Appendix A for details on this attribute
DestinationEntry	Mailxml_base:yes No	Only Yes or No	Required	This field allows mailers to specify whether the mail is origin entered or drop ship
DeliveryApptCanc elAccept Block ENDS				
DeliveryApptCanc elReject Block BEGINS				
ResponseMsgHea derInfo	ResponseMsgHea derInfo attribute block		Attributes block	Refer Appendix A for details on this attribute
Sequence Block BEGINS				

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Mail.XML 12.0A - DeliveryApptShellCancelResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DestinationEntry	Mailxml_base:yes No	Only Yes or No	Required	This field allows mailers to specify whether the mail is origin entered or drop ship
ReturnInfo	ReturnInfoType complex type		Required	Refer to this complex type in Appendix A
Sequence Block ENDS				
DeliveryApptCancelReject Block ENDS				
Choice Block ENDS				
DeliveryApptShell CancelResponse message ENDS				

5.7 DeliveryContentCreateRequest

The purpose of this message is to allow the FAST user to create a content detail for their shipment. The user must submit this message with all required data elements filled with actual and correct data.

Please be aware that mailers must create eInduction contents separate from non eInduction contents, else every barcode (IMcb) pallet identified under an eInduction content will be marked for eInduction processing and will be expected to have eDocs and unique IMcbs.

Mail.XML 12.0A - DeliveryContentCreateRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryContentCreateRequest BEGINS				
DeliveryContentHeaderInfo	DeliveryContentHeaderInfo attribute block		Attributes block	Refer to this attribute block in Appendix A
SubmittingParty	mailxml:participantIDType		Required block; Identifies the customer submitting the message	Refer 'participantIDType' complex type in Appendix A

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Mail.XML 12.0A - DeliveryContentCreateRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
SubmittingSoftware	mailxml:submittingSoftwareType		Required Identifies the software submitting the message	Refer 'SubmittingSoftware ' complex type in Appendix A
SubmitterTrackingID	String 20		Required	
ConsigneeFacility	mailxml: ConsigneeFacilityType		Optional	Refer 'ConsigneeFacility' complex type in Appendix A
DestinationEntry	Mailxml_base:yesNo	Only Yes or No	Required	This field allows mailers to specify whether the mail is origin entered or drop ship
ContentDetailInfo	ContentDetailInfoType complex type		Required 1 to many allowed	Refer 'ContentDetailInfo' complex type in Appendix A
DeliveryContentCreateRequest ENDS				

5.8 DeliveryContentCreateResponse

This is a response message for DeliveryContentCreateRequest, which is sent by USPS to requestor servers. This message has two major blocks i.e. Accept Block and Reject Block. When a request message is accepted – the Accept block is returned with relevant data and when a request message is rejected then a Reject block is returned with error code and description to help user/mailer to correct the issue and resend the request.

Mail.XML 12.0A - DeliveryContentCreateResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryContentCreateResponse BEGINS				
TrackingID	String 20	-	Tracking ID provide users with the flexibility to requery the message.	-

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Mail.XML 12.0A - DeliveryContentCreateResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
SubmitterTrackingID	String 20		Required	
Choice Block BEGINS			Either accept or reject block is returned.	
DeliveryContentAccept	DeliveryContent AcceptType complex type	-	Required when the DeliveryContent CreateRequest message has been accepted	Refer to this complex type in Appendix A
DeliveryContentReject	DeliveryContent RejectType complex type	-	Required when DeliveryContent CreateRequest is rejected	Refer to this complex type in Appendix A
Choice Block ENDS				
DeliveryContentCreateRespo nseENDS				

5.9 DeliveryContentUpdateRequest

The purpose of this message is to provide the ability to update FAST content. Additionally, Intelligent Mail Barcodes may be added/updated/removed from MLOCR Origin Entry content up to 5 days past the appointment date/time. Drop ship content and other content information can be updated past the Consignee Editable Threshold.

Please be aware that mailers must create eInduction contents separate from non eInduction contents, else every barcode (IMcb) pallet identified under an eInduction content will be marked for eInduction processing and will be expected to have eDocs and unique IMcbs.

Mail.XML 12.0A - DeliveryContentUpdateRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryContentUpdateRequest BEGINS				
DeliveryContentUpdateHeaderInfo attribute block	DeliveryContentUpdate HeaderInfo attribute block		Attributes block	Refer to this attribute block in Appendix A
SubmittingParty	mailxml:participantIDType		Required block; Identifies the customer submitting the message	Refer 'participantIDType' complex type in Appendix A

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Mail.XML 12.0A - DeliveryContentUpdateRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
SubmittingSoftware	mailxml:submittingSoftwareType		Required Identifies the software submitting the message	Refer 'SubmittingSoftware ' complex type in Appendix A
SubmitterTrackingID	String 20		Required	
ConsigneeFacility	mailxml: ConsigneeFacilityType		Optional	Refer 'ConsigneeFacility' complex type in Appendix A
DestinationEntry	Mailxml_base:yesNo	Only Yes or No	Required	This field allows mailers to specify whether the mail is origin entered or drop ship
ContentDetailInfoUpdate	ContentDetailInfoUpdateType complex type		Required 1 to many allowed	Refer to this complex type in Appendix A
DeliveryContentUpdateRequest ENDS				

5.10 DeliveryContentUpdateResponse

This is a response message for DeliveryContentUpdateRequest, which is sent by USPS to requestor servers. This message has two major blocks i.e. Accept Block and Reject Block. When a request message is accepted – the Accept block is returned with relevant data and when a request message is rejected then a Reject block is returned with error code and description to help user/mailer to correct the issue and resend the request.

Mail.XML 12.0A - DeliveryContentUpdateResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryContentUpdateResponse BEGINS				
TrackingID	String 20	-	Tracking ID provide users with the flexibility to requery the message.	-

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Mail.XML 12.0A - DeliveryContentUpdateResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
SubmitterTracking ID	String 20		Required	
Choice Block BEGINS			Either accept or reject block is returned.	
DeliveryContentUpdateAccept	DeliveryContentUpdateAcceptType complex type	-	Required when the DeliveryContentCreateRequest message has been accepted	Refer to this complex type in Appendix A
DeliveryContentUpdateReject	DeliveryContentUpdateRejectType complex type	-	Required when DeliveryContentCreateRequest is rejected	Refer to this complex type in Appendix A
Choice Block ENDS				
DeliveryContentUpdateResponse ENDS				

5.11 DeliveryContentQueryRequest

The purpose of this message is to query the existing Delivery Content data. The user should provide all required field elements to be able to pull the data.

Mail.XML 12.0A - DeliveryContentQueryRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryContentQueryRequest BEGINS				
DeliveryContentQueryMsgHeaderInfo attribute block	DeliveryContentQueryMsgHeaderInfo attribute block		Attributes block	Refer to this attribute block in Appendix A
SubmittingParty	mailxml:participantIDType		Required block; Identifies the customer submitting the message	Refer ‘participantIDType’ complex type in Appendix A

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Mail.XML 12.0A - DeliveryContentQueryRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
SubmittingSoftware	mailxml:submittingSoftwareType		Required. Identifies the software submitting the message	Refer 'SubmittingSoftware ' complex type in Appendix A
SubmitterTrackingID	String 20		Required	
ConsigneeFacility	ConsigneeFacilityType complex type		Optional	Refer 'ConsigneeFacility ' complex type in Appendix A
DestinationEntry	yesNo simple type	Either Yes or No	Required	This field allows mailers to specify whether the mail is origin entered or drop ship
DeliveryContentQueryRequest ENDS				

5.12 DeliveryContentQueryResponse

This is a response message for DeliveryContentQueryRequest, which is sent by USPS to requestor servers. This message has two major blocks i.e. Query Results Block and Query Error Block. If the query request is successful then a data is returned through Query Result block and if an error is occurred then a Query Error block is returned.

Mail.XML 12.0A - DeliveryContentQueryResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryContentQueryResponse BEGINS				
DeliveryContentQueryMsgHeaderInfo	DeliveryContentQueryMsgHeaderInfo attribute block		Attributes block	Refer to this attribute block in Appendix A
TrackingID	String 20	-	Tracking ID provide users with the flexibility to requery the message.	-
SubmitterTrackingID	String 20		Required	

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Mail.XML 12.0A - DeliveryContentQueryResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryContent QueryResponse BEGINS				
Choice Block BEGINS			Either QueryResult or QueryError block is returned.	
QueryResult block BEGINS			Required block when data is found and sent back to the requestor	
ConsigneeFacility	mailxml: ConsigneeFacility Type		Optional	Refer 'ConsigneeFacility ' complex type in Appendix A
DestinationEntry	Mailxml_base:yes No	Either Yes or No	Required	This field allows mailers to specify whether the mail is origin entered or drop ship
ContentDetailInfo Update	ContentDetailInfo UpdateType complex type		Optional 0 to many allowed	Refer to this complex type in Appendix A
ReturnInfo	returnInfoType complex type	-	Optional	Refer to this complex type in Appendix A
QueryResult block ENDS				
QueryError Block BEGINS			Required block when error occurs	
ReturnInfo	returnInfoType complex type	-	Required	Refer to this complex type in Appendix A
QueryError block ENDS				
Choice Block ENDS				
DeliveryContentQ ueryResponse ENDS				

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5.13 DeliveryContentCancelRequest

The purpose of this message is to allow FAST users to cancel a FAST Content data. The user should send all required field elements in the message to be able to successfully cancel the existing content data.

Mail.XML 12.0A - DeliveryContentCancelRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryContentCancelRequest BEGINS				
Attribute block BEGINS				
SchedulerID	String 12	-	Optional	-
SchedulerCorpID	String 12	-	Optional	-
SchedulerCRID	CRIDType simple type	-	Optional	Refer to this simple type in Appendix B
Attribute Block ENDS				
SubmittingParty	mailxml:participantIDType		Required block; Identifies the customer submitting the message	Refer ‘participantIDType’ complex type in Appendix A
SubmittingSoftware	mailxml:submittingSoftwareType		Required. Identifies the software submitting the message	Refer ‘SubmittingSoftware ‘ complex type in Appendix A
DestinationEntry	Mailxml_base:yesNo	Only Yes or No	Required	This field allows mailers to specify whether the mail is origin entered or drop ship
ContentCancel	contentCancelType complex type	-	Required 1 to many allowed	Refer to this complex type in Appendix A
DeliveryContentCancelRequest ENDS				

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5.14 DeliveryContentCancelResponse

This is a response message for DeliveryContentCancelRequest, which is sent by USPS to requestor servers. This message has two major blocks i.e. Accept Block and Reject Block. When a request message is accepted – the Accept block is returned with relevant data and when a request message is rejected then a Reject block is returned with error code and description to help user/mailer to correct the issue and resend the request.

Mail.XML 12.0A - DeliveryContentCancelResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryContentCancelResponse BEGINS				
TrackingID	String 20	-	Tracking ID provide users with the flexibility to requery the message.	-
Choice Block BEGINS			Either accept or reject block is returned.	
DeliveryContentCancelAccept Block BEGINS			Required block when request message is accepted	
DeliveryContentHeaderInfoCancel Attribute block	DeliveryContentHeaderInfoCancel attribute block	-	Attribute block	Refer to this attribute in Appendix A
Sequence Block BEGINS			Required. 1 to many allowed	
DestinationEntry	Mailxml_base:yesNo	Yes or No allowed	-	This field allows mailers to specify whether the mail is origin entered or drop ship
ContentCancel	contentCancelType complex type	-	Required	Refer to this complex type in Appendix A
Sequence Block ENDS				
DeliveryContentCancelAccept Block ENDS				
DeliveryContentCancelReject Block BEGINS				

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Mail.XML 12.0A - DeliveryContentCancelResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryContentHeaderInfoCancel Attribute block	DeliveryContentHeaderInfoCancel attribute block	-	Attribute block	Refer to this attribute in Appendix A
Sequence block BEGINS			Required 1 to many allowed	
DestinationEntry	Mailxml_base:yesNo	Yes or No allowed	-	This field allows mailers to specify whether the mail is origin entered or drop ship
ContentCancel	contentCancelType complex type	-	Required	Refer to this complex type in Appendix A
ReturnInfo	returnInfoType complex type	-	Required	Refer to this complex type in Appendix A
Sequence Block ENDS				
DeliveryContentCancelReject Block ENDS				
Choice Block ENDS				
DeliveryContentCancelResponse ENDS				

5.15 RecurringApptQueryRequest

This message provides the ability to query in FAST:

- Active and pending drop ship recurring appointments based on status
- Active First-Class DMU/BMEU verified customer transported appointments

Mail.XML 12.0A - RecurringApptQueryRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
RecurringApptQueryRequest BEGINS				

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Mail.XML 12.0A - RecurringApptQueryRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
RecurringApptQueryRequestHeaderInfo	RecurringApptQueryRequestHeaderInfo attribute block	-	Attributes block	Refer to this attribute block in Appendix A
SubmittingParty	participantIDType complex type		Required	Refer to this attribute block in Appendix A
SubmittingSoftware	submittingSoftwareType complex type		Required. Identifies the software submitting the message	Refer to this attribute block in Appendix A
SubmitterTrackingID	String 20		Required	
ConsigneeFacility	ConsigneeFacilityType complex type		Optional 0 to many allowed	Refer to this attribute block in Appendix A
RecurringApptQueryRequest ENDS				

5.16 RecurringApptQueryResponse

This purpose of this message is to provide the ability to query in FAST for the recurring appointment information by sequence for both drop ship and active origin entry DMU/BMEU verified customer transported appointments

Mail.XML 12.0A - RecurringApptQueryResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
RecurringApptQueryResponse BEGINS				
TrackingID	String 20	-	Optional Tracking ID allow users to requery a message without constructing a whole request message.	-
SubmitterTrackingID	String 20		Required	

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Mail.XML 12.0A - RecurringApptQueryResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
Choice Block BEGINS			Either QueryResults or QueryError block is returned.	
QueryResults begins			Required	
RecurringApptBlock	RecurringApptBlockType complex type		Required 1 to many allowed	Refer to this complex type in Appendix A
ReturnInfo	basicReturnInfoType complex type		Optional	Refer to this complex type in Appendix A
QueryResults ends				
QueryError	returnInfoType complex type		Required	Refer to this complex type in Appendix A
Choice Block ENDS				
RecurringApptQueryResponse BEGINS				

5.17 ConsigneeGoodsReceipt

This message provides the ability to send closeout information to *PostalOne!* - The visibility data for scheduled appointments from FAST.

Mail.XML 12.0A - ConsigneeGoodsReceipt				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ConsigneeGoods Receipt BEGINS				
ResponseMsgHeaderInfo Attribute block	ResponseMsgHeaderInfo Attribute block		Attributes block	Refer to this attribute in Appendix A
ApptBlockGoodsReceipt	apptBlockGoodsType complex type	-	Required	Refer to this complex type in Appendix A
DetailInfo	DetailInfo Type complex type		Optional 0 to many allowed	Refer to this complex type in Appendix A

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Mail.XML 12.0A - ConsigneeGoodsReceipt				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
TrailerInfo	TrailerInfo Type complex type		Optional	Refer to this complex type in Appendix A
ReturnInfo	returnInfoType complex type		Optional	Refer to this complex type in Appendix A
ConsigneeGoods Receipt ENDS				

5.18 ConsigneeGoodsReceiptDelivery

The user must be subscribed to automatically receive the ConsigneeGoodsReceipt data pushed from USPS servers to customers server.

Mail.XML 12.0A - ConsigneeGoodsReceiptDelivery				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ConsigneeGoods ReceiptDelivery BEGINS				
SubmittingParty	participantIDType complex type	-	Required	Refer to this complex type in Appendix A
SubmittingSoftwar e	submittingSoftwar eType complex type	-	Required	Refer to this complex type in Appendix A
DataRecipient Block BEGINS			Optional Block. If provided then user must provide both CRID and Role elements data.	
CRID	CRIDType simple type	-	Required when block data is provided.	Refer to this simple type in Appendix B
Role	roleType simple type	-	Required when block data is provided.	Refer to this simple type in Appendix B
DataRecipient Block ENDS				
Choice Block BEGINS			Required	

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Mail.XML 12.0A - ConsigneeGoodsReceiptDelivery				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
Sequence Block # 1 BEGINS			Either UserLicenseCode and MaildatJobID is required OR customergroupID and MailingGroupID is required	
UserLicenseCode	userLicenseCode Type complex type	-	Required	Refer to this complex type in Appendix A
MaildatJobID	jobIDType complex type	-	Required	Refer to this complex type in Appendix A
Sequence Block # 1 ENDS				
Sequence Block # 2 BEGINS				
CustomerGroupID	String 25	-	Required	-
MailingGroupID	nonNegativeInteger	-	Required	-
Sequence Block # 2 ENDS				
PushMessageID	String 25	-	Optional	-
Sequence Block # 3 BEGINS				
ApptBlockGoodsReceipt	apptBlockGoodsType complex type	-	Required	Refer to this complex type in Appendix A
DetailInfo	DetailInfo Type complex type		Optional 0 to many allowed	Refer to this complex type in Appendix A
TrailerInfo	TrailerInfo Type complex type		Optional	Refer to this complex type in Appendix A
ReturnInfo	returnInfoType complex type		Optional	Refer to this complex type in Appendix A
Sequence Block # 3 ENDS				

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Mail.XML 12.0A - ConsigneeGoodsReceiptDelivery				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ConsigneeGoods ReceiptDelivery ENDS				

5.19 DeliveryApptCancelCreateRequest

This message provides the ability in FAST to cancel one or multiple appointments and create an appointment in one transaction. The main reason for this message is to release containers from one appointment (cancelled) and assign to a new appointment when the threshold to make changes or cancel appointments has been surpassed.

Mail.XML 12.0A - DeliveryApptCancelCreateRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryApptCancelCreateRequest BEGINS				
CancelCreateMsg HeaderInfo	CancelCreateMsg HeaderInfo attribute block	-	Required	Refer to this attribute block in Appendix A
SubmittingParty	participantIDType complex type	-	Required	Refer to this complex type in Appendix A
SubmittingSoftware	submittingSoftwareType complex type	-	Required	Refer to this complex type in Appendix A
SubmitterTracking ID	String 20		Required	
DestinationEntry	yesNo simple type	Yes or No	Required	This field allows mailers to specify whether the mailing is origin entered or drop ship.
ApptCancel Block BEGINS			Required. 1 to many allowed	
ConsigneeApptID (as Attribute)	String 12	-	Required	-
ReturnInfo	returnInfoType complex type	-	Required	Refer to this complex type in Appendix A
ApptCancel Block ENDS				

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Mail.XML 12.0A - DeliveryApptCancelCreateRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ApptBlock	apptBlockRequest Type complex type	-	Required	Refer to this complex type in Appendix A
DetailInfo	DetailInfo Type complex type		Optional 0 to many allowed	Refer to this complex type in Appendix A
TrailerInfo	TrailerInfo Type complex type		Optional	Refer to this complex type in Appendix A
DeliveryApptCancelCreateRequest ENDS				

5.20 DeliveryApptCancelCreateResponse

Mail.XML 12.0A - DeliveryApptCancelCreateResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryApptCancelCreateRespons e BEGINS				
TrackingID	String 20	-	Optional	-
SubmitterTracking ID	String 20		Required	
Choice Block BEGINS	-	-	Required 1 to many	-
ReturnInfo	returnInfoType complex type	-	Required	Refer to this complex type in Appendix A
ApptCancel block BEGINS	-	-	Required	-
ConsigneeApptID (as Attribute)	String 12	-	Required	-
ApptCancel block ENDS				
Choice Block ENDS				
Choice Block BEGINS			Required Choice block	-

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Mail.XML 12.0A - DeliveryApptCancelCreateResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryApptAccept	deliveryApptAcceptType complex type	-	Required	Refer to this complex type in Appendix A
DeliveryApptReject	deliveryApptRejectType complex type	-	Required	Refer to this complex type in Appendix A
Choice Block ENDS				
DeliveryApptCancelCreateResponse ENDS				

5.21 DeliveryApptCreateRequest

- This message is intended to be used when one business entity is going to schedule the appointment. This message provides the ability to create in FAST:
- Drop ship appointments for all Mail Classes
- Customer Transported origin entry appointments (First-Class Mail, Standard Mail, Periodicals, and Package Services).
- Appointments for all mail classes - both Origin Entry and Destination Entry
- One time and recurring appointments

Please be aware that mailers must create eInduction contents separate from non eInduction contents, else every barcode (IMcb) pallet identified under an eInduction content will be marked for eInduction processing and will be expected to have eDocs and unique IMcbs.

Mail.XML 12.0A - DeliveryApptCreateRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryApptCreateRequest BEGINS				
RequestMsgHeaderInfo	RequestMsgHeaderInfo attribute block	-	Required	Refer to this attribute block in Appendix A
SubmittingParty	participantIDType complex type	-	Required	Refer to this complex type in Appendix A
SubmittingSoftware	submittingSoftwareType complex type	-	Required	Refer to this complex type in Appendix A

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Mail.XML 12.0A - DeliveryApptCreateRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
SubmitterTracking ID	String 20		Required	
DestinationEntry	yesNo simple type	-	Required	This field allows mailers to specify whether mail is origin entry or drop ship mail.
Choice Block BEGINS			Required. Either recurringAppt block or oneTimeAppt block is required	
RecurringAppt	recurringApptType complex type	-	Required	Refer to this complex type in Appendix A
oneTimeApp	oneTimeApptType complex type	-	Required	Refer to this complex type in Appendix A
Choice Block ENDS				
DetailInfo	DetailInfo Type complex type	-	Required 1 to many allowed	Refer to this complex type in Appendix A
TrailerInfo	TrailerInfo Type complex type	-	Optional	Refer to this complex type in Appendix A
ConsigneeFacility	consigneeacilityType complex type	-	Required	Refer to this complex type in Appendix A
Comment	String 256	-	Optional	-
DeliveryApptCreateRequest ENDS				

5.22 DeliveryApptCreateResponse

This is a response message for DeliveryApptCreateRequest, which is sent by USPS to requestor servers. This message has two major blocks i.e. Accept Block and Reject Block. When a request message is accepted – the Accept block is returned with relevant data and when a request message is rejected then a Reject block is returned with error code and description to help user/mailer to correct the issue and resend the request.

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Mail.XML 12.0A - DeliveryApptCreateResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryApptCreateResponse BEGINS				
TrackingID	String 20	-	Optional	-
SubmitterTrackingID	String 20		Required	
Choice Block BEGINS			Required choice block either Accept or Reject block will be returned.	-
DeliveryApptCreateAccept	deliveryApptAcceptType complex type	-	Required	Refer to this complex type in Appendix A
DeliveryApptCreateReject	deliveryApptRejectType complex type	-	Required	Refer to this complex type in Appendix A
Choice Block ENDS				
DeliveryApptCreateResponse ENDS				

5.23 DeliveryApptUpdate

Mail.XML 12.0A - DeliveryApptUpdate				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryApptUpdate BEGINS				
ResponseApptUpdateMsgHeaderInfo	ResponseApptUpdateMsgHeaderInfo attribute block	-	Required	Refer to this attribute block in Appendix A
ApptBlockUpdate	apptBlockUpdateType complex type		Required	Refer to this complex type in Appendix A
DetailInfo	DetailInfoType complex type	-	Required 1 to many allowed	Refer to this complex type in Appendix A
TrailerInfo	trailerInfoType complex type	-	Optional	Refer to this complex type in Appendix A

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Mail.XML 12.0A - DeliveryApptUpdate				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ReturnInfo	returnInfoType complex type	-	Optional	Refer to this complex type in Appendix A
DeliveryApptUpdate ENDS				

5.24 DeliveryApptUpdateRequest

This message provides the ability to update in FAST:

- Drop ship appointments for all mail classes
- Customer Transported Origin Entry appointments (First-Class Mail, Standard Mail, Periodicals, and Package Services).
- One time and recurring appointments

Please be aware that mailers must create eInduction contents separate from non eInduction contents, else every barcode (IMcb) pallet identified under an eInduction content will be marked for eInduction processing and will be expected to have eDocs and unique IMcbs.

Mail.XML 12.0A - DeliveryApptUpdateRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryApptUpdateRequest BEGINS				
ResponseApptUpdateMsgHeaderInfo	ResponseApptUpdateMsgHeaderInfo attribute block	-	Required	Refer to this attribute block in Appendix A
SubmittingParty	participantIDType complex type	-	Required	Refer to this complex type in Appendix A
SubmittingSoftware	submittingSoftwareType complex type	-	Required	Refer to this complex type in Appendix A
SubmitterTrackingID	String 20		Required	
DestinationEntry	yesNo simple type	Either Yes or No	Required	This allows mailers to specify whether the mailing is origin entered or drop ship.

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Mail.XML 12.0A - DeliveryApptUpdateRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
Choice Block BEGINS			Required. Either recurringAppt block or oneTimeAppt block is required	
RecurringAppt	recurringApptType complex type	-	Required	Refer to this complex type in Appendix A
oneTimeApp	oneTimeApptType complex type	-	Required	Refer to this complex type in Appendix A
Choice Block ENDS				
DetailInfo	DetailInfo Type complex type	-	Required 1 to many allowed	Refer to this complex type in Appendix A
TrailerInfo	TrailerInfo Type complex type	-	Optional	Refer to this complex type in Appendix A
ConsigneeFacility	consigneeacilityType complex type	-	Required	Refer to this complex type in Appendix A
Comment	String 256	-	Optional	-
ETA	dateTime	YYYY-MM-DDTHH:MM:SS	Optional	-
ReturnInfo	returnInfoType complex type	-	Optional	Refer to this complex type in Appendix A
DeliveryApptUpdateRequest ENDS				

5.25 DeliveryApptUpdateResponse

This is a response message for DeliveryApptUpdateRequest, which is sent by USPS to requestor servers. This message has two major blocks i.e. Accept Block and Reject Block. When a request message is accepted – the Accept block is returned with relevant data and when a request message is rejected then a Reject block is returned with error code and description to help user/mailer to correct the issue and resend the request.

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Mail.XML 12.0A - DeliveryApptUpdateResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryApptUpdateResponse BEGINS				
TrackingID	String 20	-	Optional	-
SubmitterTrackingID	String 20		Required	
Choice Block BEGINS			Required choice block; either accept or reject block is returned.	-
DeliveryApptUpdateAccept	deliveryApptUpdateAcceptType complex type	-	Required	Refer to this complex type in Appendix A
DeliveryApptCreateReject	deliveryApptUpdateRejectType complex type	-	Required	Refer to this complex type in Appendix A
Choice Block ENDS				
DeliveryApptUpdateResponse ENDS				

5.26 DeliveryApptQueryRequest

This message provides the ability to query in FAST:

- The availability of slots for drop ship appointments
- The availability of slots at 10 minute interval (based on hours of operation) for Origin Entry appointments (First-Class Mail, Standard Mail, Periodicals, and Package Services)
- The availability of slots for one time and recurring appointments

Mail.XML 12.0A - DeliveryApptQueryRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryApptQueryRequest BEGINS				
RequestMsgHeaderInfo	RequestMsgHeaderInfo attribute block	-	Required	Refer to this attribute block in Appendix A

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Mail.XML 12.0A - DeliveryApptQueryRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
SubmittingParty	participantIDType complex type	-	Required	Refer to this complex type in Appendix A
SubmittingSoftware	submittingSoftwareType complex type	-	Required	Refer to this complex type in Appendix A
SubmitterTrackingID	String 20		Required	
DestinationEntry	yesNo simple type	Either Yes or No	Required	This field allows mailers to specify whether the mailing is origin entered or drop ship.
Choice Block BEGINS			Required. one of the following block is required: recurringAppt block or oneTimeAppt block or SlotAvailability block	
RecurringAppt	recurringApptType complex type	-	Required	Refer to this complex type in Appendix A
oneTimeApp	oneTimeApptType complex type	-	Required	Refer to this complex type in Appendix A
SlotAvailability	slotAvailabilityType complex type	-	Required	Refer to this complex type in Appendix A
Choice Block ENDS				
DetailInfo	DetailInfo Type complex type	-	Optional 0 to many allowed	Refer to this complex type in Appendix A
TrailerInfo	TrailerInfo Type complex type	-	Optional	Refer to this complex type in Appendix A
ConsigneeFacility	consigneeFacility Type complex type	-	Required	Refer to this complex type in Appendix A

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Mail.XML 12.0A - DeliveryApptQueryRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
Comment	String 256	-	Optional	-
DeliveryApptQueryRequest ENDS				

5.27 DeliveryApptQueryResponse

This is a response message for DeliveryApptQueryRequest, which is sent by USPS to requestor servers. This message has two major blocks i.e. QueryResult and QueryError. When a request message is accepted – the QueryResult is returned with relevant data and when a request message results in error then a QueryError is returned with error code and description to help user/mailer to correct the issue and resend the request.

Mail.XML 12.0A - DeliveryApptQueryResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryApptQueryResponse BEGINS				
RequestMsgHeaderInfo	RequestMsgHeaderInfo attribute block	-	Required	Refer to this attribute block in Appendix A
TrackingID	String 20	-	Optional	-
SubmitterTrackingID	String 20		Required	
QueryResult block BEGINS			Required block	-
DestinationEntry	yesNo simple type	Either Yes or No	Required	This field allows mailers to specify whether the mailing is origin entered or drop ship.
Choice Block BEGINS			Required. one of the following blocks is returned: recurringAppt or oneTimeAppt or SlotAvailability block	-
RecurringAppt	recurringApptType complex type	-	Required	Refer to this complex type in Appendix A

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Mail.XML 12.0A - DeliveryApptQueryResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
OneTimeAppt	oneTimeApptType complex type	-	Required	Refer to this complex type in Appendix A
SlotAvailability	slotAvailabilityType complex type	-	Required	Refer to this complex type in Appendix A
Choice block ENDS				
DetailInfo	DetailInfoType complex type	-	Optional 0 to many allowed	Refer to this complex type in Appendix A
trailerInfo	trailerInfoType complex type	-	Optional	Refer to this complex type in Appendix A
ConsigneeFacility	consigneeFacility Type complex type	-	Required	Refer to this complex type in Appendix A
Comment	String 256	-	Optional	-
AvailableSlot	availableSlotType complex type	-	Optional	Refer to this complex type in Appendix A
ReturnInfo	returnInfoType complex type	-	Optional	Refer to this complex type in Appendix A
QueryResult block ENDS				
QueryError block BEGINS				
ReturnInfo	returnInfoType complex type	-	Required	Refer to this complex type in Appendix A
QueryError block ENDS				
DeliveryApptQueryResponse ENDS				

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5.28 DeliveryApptCancelRequest

This message provides the ability to cancel appointments in FAST:

- Drop ship appointments for all mail classes
- Customer Transported Origin Entry appointments (First-Class Mail, Standard Mail, Periodicals, and Package Services).
- One time and recurring appointments

Mail.XML 12.0A - DeliveryApptCancelRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryApptCancelRequest				
ResponseMsgHeaderInfo	ResponseMsgHeaderInfo attribute block	-	Attributes block	Refer to this attribute block in Appendix A
SubmittingParty	mailxml:participantIDType		Required block; Identifies the customer submitting the message	Refer 'participantIDType' complex type in Appendix A
SubmittingSoftware	mailxml:submittingSoftwareType		Required. Identifies the software submitting the message	Refer 'SubmittingSoftware ' complex type in Appendix A
SubmitterTrackingID	String 20		Required	
DestinationEntry	yesNo	Either Yes or No	-	Allows mailers to specify the mail as origin entered or drop ship.
ReturnInfo	optReturnInfoType		Optional	Refer to this complex type in Appendix D

5.29 DeliveryApptCancelResponse

This message provides the ability to cancel in FAST:

For cancellation, acceptance or rejection information in the ReturnInfo Block

Mail.XML 12.0A - DeliveryApptCancelResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryApptCancelResponse BEGINS				

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Mail.XML 12.0A - DeliveryApptCancelResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
TrackingID	String 20	-	Optional	Allow users to use it for re-query
SubmitterTracking ID	String 20		Required	
DeliveryApptCancelAccept	ResponseMsgHeaderInfo attribute block	-	Either Accept or Reject block	Refer to this attribute block in Appendix A
DeliveryApptCancelReject BEGINS				
ResponseMsgHeaderInfo	ResponseMsgHeaderInfo attribute block	-	Required	Refer to this attribute block in Appendix A
ReturnInfo	mailxml: ReturnInfo Type		Required	Refer to 'ReturnInfo' complex type in Appendix A
DeliveryApptUpdateReject ENDS				
DeliveryApptCancelResponse ENDS				

5.30 DeliveryReApptRequest

Mail.XML 12.0A - DeliveryReApptRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryReApptRequest BEGINS				
ResponseMsgHeaderInfo	ResponseMsgHeaderInfo attribute block	-	Required	Refer to this attribute block in Appendix A
SubmittingParty	participantIDType complex type	-	Required	Refer to this complex type in Appendix A
SubmittingSoftware	submittingSoftwareType complex type	-	Required	Refer to this complex type in Appendix A
SubmitterTrackingID	String 20		Required	

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Mail.XML 12.0A - DeliveryReApptRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ApptBlock	apptBlockRequestType complex type		Required	Refer to this complex type in Appendix A
DetailInfo	DetailInfoType complex type	-	Required 1 to many allowed	Refer to this complex type in Appendix A
TrailerInfo	trailerInfoType complex type	-	Optional	Refer to this complex type in Appendix A
DeliveryReApptRequest ENDS				

5.31 PartnerApptQueryRequest

This message provides the ability to query the FAST appointment and content information on behalf of partner mailers for drop ship and Origin Entry one-time appointments. Additionally, it provides following functionalities:

- Ability to identify business entities by CRID
- Ability to flag contents as being Full-Service contents
- Ability to query Origin Entry contents on drop ship appointments
- PartnerApptQueryRequest can utilize either ConsigneeApptID or the date range.
- PartnerApptQueryRequest will not require the ConsigneeApptID element.

The FAST system shall require and limit one week of date range at a time for the PartnerApptQueryRequest to allow partners to query their data whether they are the owner, preparer, or content creator of the content.

Mail.XML 12.0A - PartnerApptQueryRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
PartnerApptQueryRequest BEGINS				
PartnerApptRequestHeaderInfo	PartnerApptRequestHeaderInfo attribute block	-	Required	Refer to this attribute block in Appendix A
SubmittingParty	participantIDType complex type	-	Required	Refer to this complex type in Appendix A
SubmittingSoftware	submittingSoftwareType complex type	-	Required	Refer to this complex type in Appendix A

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Mail.XML 12.0A - PartnerApptQueryRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
SubmitterTracking ID	String 20		Required	
ConsigneeFacility	consigneeFacility Type complex type	-	Optional	Refer to this complex type in Appendix A
PartnerApptQuery Request ENDS				

5.32 PartnerApptQueryResponse

This message is in response to PartnerApptQueryRequest. Based on the profile of submitter , the appropriate appointment information is returned back to submitter. If none information is available or an error has occurred during the date retrieval process then QueryError block is returned.

Mail.XML 12.0A - PartnerApptQueryResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
PartnerApptQuery Response BEGINS				
PartnerApptRequestHeaderInfo	PartnerApptRequestHeaderInfo attribute block	-	Required	Refer to this attribute block in Appendix A
TrackingID	String 20	-	Optional. Allows the requestor to requery the message using tracking id if a data is not returned in timely manner or an error has occurred during the transaction exchange.	-
SubmitterTracking ID	String 20		Required	
Choice Block BEGINS	-	-	Either Query Result or QueryError block will be returned.	-
QueryResults Block BEGINS	-	-	-	-

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Mail.XML 12.0A - PartnerApptQueryResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
Sequence Block BEGINS	-	-	Optional but 0 to many allowed	-
ApptBlock	partnerApptBlock Type complex type	-	Required	Refer to this complex type in Appendix A
ReturnInfo	returnInfoType complex type	-	Optional	Refer to this complex type in Appendix A
Sequence Block ENDS				
QueryResult Block ENDS				
QueryError Block BEGINS				
ReturnInfo	returnInfoType complex type	-	Required	Refer to this complex type in Appendix A
QueryError Block ENDS				
Choice Block ENDS				
PartnerApptQuery Response ENDS				

5.33 UnscheduledConsigneeGoodsReceipt

This message provides the ability to request in FAST the visibility data for unscheduled one time appointments for Drop Shipments only

Mail.XML 12.0A - UnscheduledConsigneeGoodsReceipt				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
UnscheduledConsigneeGoodsReceipt BEGINS				
UnscheduledResponseMsgHeaderInfo	UnscheduledResponseMsgHeaderInfo Attribute Block	-	Attributes block	Refer to this attribute block in Appendix A
ApptBlockUnscheduledGoodsReceipt	apptBlockUnscheduledGoodsType complex type	-	Required	Refer to this complex type in Appendix A

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Mail.XML 12.0A - UnscheduledConsigneeGoodsReceipt				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DetailInfo	detailInfoType complex type		Optional 0 to many allowed	Refer to this complex type in Appendix A
TrailerInfo	trailerInfoType complex type		Optional	Refer to this complex type in Appendix A
ReturnInfo	returnInfoType complex type		Optional	Refer to this complex type in Appendix A
UnscheduledConsigneeGoodsReceipt ENDS				

5.34 AllDeliveryApptCloseoutRequest

This message provides the ability to request for closeout information

- AllDeliveryApptCloseoutRequest can now be used by any business entity, (i.e., Scheduler, Owner, or Preparer of mail) to get their closeout data from FAST if they were identified as a Scheduler, Preparer, or Owner as part of the appointment scheduling process. On Mail.XML v10.x messages, the *PostalOne!* system will only look at the CRID or SchedulerID in the SubmittingParty block for authorization of data and closeout response.
- On Mailxml10 '*AllDeliveryApptCloseoutRequest* ' Message processing has been enhanced to support LTB(Large Transaction Block) on the Closeout Response. *Postalone!* will receive '*ConsigneeGoodsReceipt* ' receipts and '*UnscheduledConsigneeGoodsReceipt* ' from FAST. *PostalOne*! will retrieve '*ConsigneeGoodsReceipt* ' and '*UnscheduledConsigneeGoodsReceipt* ' based CRID or SchedulerID provided on the SubmittingParty block. To comply with the mailxml_tm xsd definition, *PostalOne!* will add two new elements to the response, trackingID and LargeTransactionDividerResult to handle large amount(s) of closeout data. The LargeTransactionDividerResult element will have one or more tracking IDs based on the amount of data. If there is more than one, mailer will have to parse out the other tracking IDs and use MessageResponseRetrievalRequest to retrieve the other responses.
- Mailxml10 'AllDeliveryApptCloseoutRequest ' with Date Range (Start,End) provided on the request will match date range provided with 'ScheduledAppt ' to retrieve 'ConsigneeGoodsReceipt ', and 'ActualTruckArrival ' to retrieve 'UnscheduledConsigneeGoodsReceipt ' . If the Start and End date parameters are not provided, the system will provide all of the available and unrequested data

Mail.XML 12.0A - AllDeliveryApptCloseoutRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
AllDeliveryApptCloseoutRequest BEGINS				
StatusRequestByTimeMsgHeaderInfo	StatusRequestByTimeMsgHeaderInfo attribute block	-	Required	Refer to this attribute block in Appendix A

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Mail.XML 12.0A - AllDeliveryApptCloseoutRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
SubmittingParty	participantIDType complex type	-	Required	Refer to this complex type in Appendix A
SubmittingSoftware	submittingSoftwareType complex type	-	Required	Refer to this complex type in Appendix A
SubmitterTrackingID	String 20		Required	
AllDeliveryApptCloseoutRequest ENDS				

5.35 AllApptCloseoutResponse

Mail.XML 12.0A - AllApptCloseoutResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
AllApptCloseoutResponse BEGINS				
LargeTransactionDividerGroupOptionalType	LargeTransactionDividerGroupOptionalType attribute block	-	Required attribute block	Refer to this attribute block in Appendix A
TrackingID	String 20	-	Optional	-
SubmitterTrackingID	String 20		Required	
Choice Block BEGINS			Either AllDeliveryApptCloseoutAccept or AllDeliveryApptCloseoutReject block is returned	-
AllDeliveryApptCloseoutAccept block BEGINS			Required block	-
StatusRequestMsgHeaderInfo	StatusRequestMsgHeaderInfo attribute block	-	Required attribute block	Refer to this attribute block in Appendix A
Sequence Block BEGINS				

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Mail.XML 12.0A - AllApptCloseoutResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ConsigneeGoods Receipt	This is an element block	-	Optional 0 to many allowed	Refer "ConsigneeGoods Receipt" message in Section 5 for details.
UnscheduledConsigneeGoodsReceipt	This is an element block	-	Optional 0 to many allowed	Refer "UnscheduledConsigneeGoodsReceipt" message in Section 5 for details.
Sequence Block ENDS				
AllDeliveryApptCloseoutAccept block ENDS				
AllDeliveryApptCloseoutReject block BEGINS				
StatusRequestMsgHeaderInfo	StatusRequestMsgHeaderInfo attribute block	-	Required attribute block	Refer to this attribute block in Appendix A
ReturnInfo	basicReturnInfo complex type	-	Optional	Refer to this complex type in Appendix A
Sequence Block ENDS				
AllDeliveryApptCloseoutReject block ENDS				
AllApptCloseoutResponse ENDS				

5.36 AllApptCloseoutNotification

This is an automatic notification from USPS to customers informing them that the closeout data is ready to be picked up.

Mail.XML 12.0A - AllApptCloseoutNotification				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
AllApptCloseoutNotification BEGINS				

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Mail.XML 12.0A - AllApptCloseoutNotification				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
SubmittingParty	participantIDType complex type	-	Optional	Refer to this complex type in Appendix A
SubmittingSoftware	submittingSoftwareType complex type	-	Optional	Refer to this complex type in Appendix A
CRID	CRIDType simple type	-	Optional	Refer to this simple type in Appendix B
PushMessageID	String 25	-	Optional	-
Choice block BEGINS			Optional Choice Block. If data is provided then either Sequence Block # 1 or #2 data is sent to mailers.	
Sequence Block # 1 BEGINS				
UserLicenseCode	userLicensceCodeType simple type	-	Required	Refer to this simple type in Appendix B
MaildatJobID	jobIDType simple type	-	Required	Refer to this simple type in Appendix B
Sequence Block # 1 ENDS				
Sequence Block # 2 BEGINS				
CustomerGroupID	String 25	-	Optional	-
MailingGroupID	nonNegativeInteger	-	Required	-
Sequence Block # 2 ENDS				
Choice block ENDS				
NotificationDate	Date	-	Required	-
AllApptCloseoutNotification ENDS				

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5.37 AllApptCloseoutDelivery

This is an automatic Delivery from USPS to customers with all of the closeout data.

Mail.XML 12.0A - AllApptCloseoutDelivery				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
AllApptCloseoutDelivery BEGINS				
LargeTransactionDividerGroupOptionalType	LargeTransactionDividerGroupOptionalType attribute	-	Required	Refer to this attribute block in Appendix A
SubmittingParty	participantIDType complex type	-	Optional	Refer to this complex type in Appendix A
SubmittingSoftware	submittingSoftwareType complex type	-	Optional	Refer to this complex type in Appendix A
DataRecipient Block BEGINS			Optional. If provided – it should contain CRID and Role data	
CRID	CRIDType simple type	-	Required	Refer to this simple type in Appendix B
Role	roleType simple type	-	Required	Refer to this simple type in Appendix B
DataRecipient Block ENDS				
Choice block BEGINS			Optional Choice Block. If data is provided then either Sequence Block # 1 or #2 data is sent to mailers.	
Sequence Block # 1 BEGINS				
UserLicenseCode	userLicensceCodeType simple type	-	Required	Refer to this simple type in Appendix B
MaildatJobID	jobIDType simple type	-	Required	Refer to this simple type in Appendix B

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Mail.XML 12.0A - AllApptCloseoutDelivery				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
Sequence Block # 1 ENDS				
Sequence Block # 2 BEGINS				
CustomerGroupID	String 25	-	Optional	-
MailingGroupID	nonNegativeInteger	-	Required	-
Sequence Block # 2 ENDS				
Choice block ENDS				
PushMessageID	String 25	-	Optional	-
FullServiceAllApptCloseoutAccept	allDeliveryApptCloseoutAcceptType complex type	-	Required 1 to many allowed.	Refer to this complex type in Appendix A
AllApptCloseoutDelivery ENDS				

5.38 CustomerSupplierAgreementQueryRequest

This message provides the ability to query in FAST :

- 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

Mail.XML 12.0A - CustomerSupplierAgreementQueryRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
CustomerSupplierAgreementQueryRequest BEGINS				
CustomerSupplierAgreementQueryMsgHeaderInfo	CustomerSupplierAgreementQueryMsgHeaderInfo attribute block		Required attribute block	Refer to this attribute block in Appendix A
SubmittingParty	participantIDType complex type		Required block; Identifies the customer submitting the message	Refer to this complex type in Appendix A

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Mail.XML 12.0A - CustomerSupplierAgreementQueryRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
SubmittingSoftware	submittingSoftwareType complex type		Required. Identifies the software submitting the message	Refer to this complex type in Appendix A
SubmitterTrackingID	String 20		Required	
CustomerSupplierAgreementQueryRequest ENDS				

5.39 CustomerSupplierAgreementQueryResponse

This is a response message to CustomerSupplierAgremeentQueryRequest message which will contain all CSA information associated either to CSA ID or all CSAs associated with the CRID

Mail.XML 12.0A - CustomerSupplierAgreementQueryResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
CustomerSupplierAgreementQueryResponse BEGINS				
CustomerSupplierAgreementQueryMsgHeaderInfo	CustomerSupplierAgreementQueryMsgHeaderInfo Attribute block		Attributes block	Refer to this attribute block in Appendix A
TrackingID	String 20	-	Optional. Provides requestor with the ability to requery the message without constructing the actual query request message	-
SubmitterTrackingID	String 20		Required	
Choice Block BEGINS			Either QueryResult or QueryError block is returns	
QueryResults begins			Required	

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Mail.XML 12.0A - CustomerSupplierAgreementQueryResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
CSAInfo	csaInfoType complex type		Optional 0 to many allowed	Refer to this complex type in Appendix A
QueryResults ends				
QueryError	QueryErrorType complex type		Required	Refer to this complex type in Appendix A
Choice Block ENDS				
CustomerSupplier AgreementQuery Response ENDS				

5.40 StaleContentQueryRequest

The purpose of this message is to allow FAST users to query the *PostalOne!* /FAST systems to determine stand-alone contents which exist without appointment linkage after a certain period.

Mail.XML 12.0A - StaleContentQueryRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
StaleContentQuery Request BEGINS				
DeliveryContentQueryMsgHeaderInfo	DeliveryContentQueryMsgHeaderInfo attribute block		Required attribute block	Refer to this attribute block in Appendix A
SubmittingParty	participantIDType complex type		Required block; Identifies the customer submitting the message	Refer to this complex type in Appendix A
SubmittingSoftware	submittingSoftwareType complex type		Required. Identifies the software submitting the message	Refer to this complex type in Appendix A
SubmitterTracking ID	String 20		Required	

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Mail.XML 12.0A - StaleContentQueryRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ConsigneeFacility	consigneeFacility Type complex type	-	Optional	Refer to this complex type in Appendix A
DestinationEntry	Mailxml_base:yesNo	Only yes or no allowed	Required	Allows mailers to specify the mail as origin entered or drop ship.
NumberOfDaysStale	Numeric String 2	-	Optional	Allow users to query based on number of days stale rather than query the whole PO! database for FAST stale content data
StaleContentQueryRequest ENDS				

5.41 StaleContentQueryResponse

This is a response message to StaleContentQueryRequest message. This message returns content details if any stale content is available to return to the content creator. If an error occurs or no record is returned out of the request message then a QueryError block is returned.

Mail.XML 12.0A - StaleContentQueryResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
StaleContentQueryResponse BEGINS				
DeliveryContentQueryMsgHeaderInfo	DeliveryContentQueryMsgHeaderInfo attribute block		Required attribute block	Refer to this attribute block in Appendix A
TrackingID	String 20	-	Optional. Allow the user to retrieve the data without requery the message by providing the trackingID in MRRR message.	-
SubmitterTrackingID	String 20		Required	

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Mail.XML 12.0A - StaleContentQueryResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
Choice Block BEGINS			Either QueryResult or QueryError block is returned	
QueryResult block BEGINS				
ConsigneeFacility	consigneeFacility Type complex type	-	Optional	Refer to this complex type in Appendix A
DestinationEntry	Mailxml_base:yes No	Only yes or no allowed	Required	Allows mailers to specify the mail as origin entered or drop ship.
ContentDetailInfo	contentDetailInfoType complex type	-	Required 1 to many	Refer to this complex type in Appendix A
ReturnInfo	returnInfoType complex type	-	Optional	Refer to this complex type in Appendix A
QueryResult Block ENDS				
QueryError Block	QueryErrorType complex type	-	Required	Refer to this complex type in Appendix A
Choice Block ENDS				
StaleContentQueryResponse ENDS				

5.42 StaleContentNotification

This is an automatic message sent by USPS to the customer's server notifying them that Stale Content exists for them to review and take appropriate action. If user has also subscribed to StaleContentDelivery message then they will get the details of the stale content, else the user needs to construct StaleQueryRequest message to pull the data.

Mail.XML 12.0A - StaleContentNotification				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
StaleContentNotification BEGINS				
DeliveryContentHeaderInfo	DeliveryContentHeaderInfo attribute block		Required attribute block	Refer to this attribute block in Appendix A

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Mail.XML 12.0A - StaleContentNotification				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
SubmittingParty	participantIDType complex type		Optional block; Identifies the customer submitting the message	Refer to this complex type in Appendix A
SubmittingSoftware	submittingSoftwareType complex type		Optional. Identifies the software submitting the message	Refer to this complex type in Appendix A
PushMessageID	String 25	-	Optional	-
NotificationDate	Date	-	Required	-
StaleContentNotificationElement	staleContentNotificationElementType complex type	-	Required 1 to many allowed	Refer to this complex type in Appendix A
StaleContentQueryNotification ENDS				

5.43 StaleContentDelivery

This is an automatic message sent from USPS to customer's server with the actual stale content detail data, which exists in the FAST system without an appointment.

Mail.XML 12.0A - StaleContentDelivery				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
StaleContentDelivery BEGINS				
DeliveryContentHeaderInfo	DeliveryContentHeaderInfo attribute block		Required attribute block	Refer to this attribute block in Appendix A
LargeTransactionDividerGroupOptionalType	LargeTransactionDividerGroupOptionalType attribute block	-	Required	Refer to this attribute block in Appendix A
SubmittingParty	participantIDType complex type		Optional block; Identifies the customer submitting the message	Refer to this complex type in Appendix A

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Mail.XML 12.0A - StaleContentDelivery				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
SubmittingSoftware	submittingSoftwareType complex type		Optional. Identifies the software submitting the message	Refer to this complex type in Appendix A
DataRecipient block BEGINS			Optional Block. If provided then it must include both CRID and role.	
CRID	CRIDType simple type	-	Required	Refer to this complex type in Appendix A
Role	roleType simple type		Required	Refer to this complex type in Appendix A
DataRecipient block ENDS				
PushMessageID	String 25	-	Optional	-
DeliverySummary	deliverySummaryType complex type	-	Required 1 to many allowed	Refer to this complex type in Appendix A
StaleContentDelivery ENDS				

5.44 USPSDeliveryContentUpdatedQueryRequest

The purpose of this message is to allow schedulers to query the USPS Delivery content that has been updated by content providers on the Schedulers appointments.

Mail.XML 12.0A - USPSDeliveryContentUpdatedQueryRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
USPSDeliveryContentUpdatedQueryRequest BEGINS				
MailXMLHeaderInfo	MailXMLHeaderInfo attribute		Required attribute block	Refer to this attribute block in Appendix A

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Mail.XML 12.0A - USPSDeliveryContentUpdatedQueryRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
SubmittingParty	participantIDType complex type		Required block; Identifies the customer submitting the message	Refer to this complex type in Appendix A
SubmittingSoftware	submittingSoftwareType complex type		Required. Identifies the software submitting the message	Refer to this complex type in Appendix A
SubmitterTrackingID	String 20		Required	
DestinationEntry	yesNo simple type	Yes or No	Required	Allows mailers to specify whether mail is origin entered or drop ship.
USPSDeliveryContentUpdatedQueryParameters	DeliveryContentQueryMsgHeaderInfo Attribute block	-	Required 1 to many allowed	Refer to this attribute block in Appendix A
USPSDeliveryContentUpdatedQueryRequest ENDS				

5.45 USPSDeliveryContentUpdatedQueryResponse

This message is in response to USPSDeliveryContentUpdateQueryRequest message where actual delivery content data is sent back to the requestor when content with updated information data is found in the FAST system else QueryError result block is sent back with Error code and error description.

Mail.XML 12.0A - USPSDeliveryContentUpdatedQueryResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
USPSDeliveryContentUpdatedQueryResponse BEGINS				
MailXMLHeaderInfo	MailXMLHeaderInfo attribute		Required attribute block	Refer to this attribute block in Appendix A

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Mail.XML 12.0A - USPSDeliveryContentUpdatedQueryResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
TrackingID	String 20	-	Optional. This allows the users to retrieve the data without requery by using this ID in the MRRR message.	-
SubmitterTracking ID	String 20		Required	
canlChoice Block BEGINS				
QueryResult block BEGINS				
LargeTransaction DividerGroupOpti onalType	LargeTransaction DividerGroupOpti onalType attribute	-	Required	Refer to this attribute block in Appendix A
SubmittingParty	participantIDType complex type		Required block; Identifies the customer submitting the message	Refer to this complex type in Appendix A
SubmittingSoftwar e	submittingSoftwar eType complex type		Required. Identifies the software submitting the message	Refer to this complex type in Appendix A
DeliveryContentU pdated	deliveryContentUp datedType complex type	-	Required 1 to many allowed	Refer to this complex type in Appendix A
QueryResult block ENDS				
QueryError Block BEGINS				
ReturnInfo	basicReturnInfoTy pe complex type	-	Required	Refer to this complex type in Appendix A
QueryError block ENDS				
Choice block ENDS				

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Mail.XML 12.0A - USPSDeliveryContentUpdatedQueryResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
USPSDeliveryContentUpdatedQueryResponse ENDS				

5.46 USPSDeliveryContentUpdatedNotification

This is an automatic message sent by USPS to the customer's server notifying them of the availability of DeliveryContenUpdated data for them to review and take appropriate action. If user has also subscribed to Delivery message then they will get the details of the updated content, by content provider, else the user needs to construct QueryRequest message to pull the data. User shall usually subscribe to either Notification OR Delivery messages (recommended).

Mail.XML 12.0A - USPSDeliveryContentUpdatedNotification				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
USPSDeliveryContentUpdatedNotification BEGINS				
SubmittingParty	participantIDType complex type		Optional block; Identifies the customer submitting the message	Refer to this complex type in Appendix A
SubmittingSoftware	submittingSoftwareType complex type		Optional. Identifies the software submitting the message	Refer to this complex type in Appendix A
DataRecipient block BEGINS			Optional block. If provided then both CRID and Role are required.	
CRID	CRIDType simple type		Required	Refer to this simple type in Appendix B
Role	roleType simple type		Required	Refer to this simple type in Appendix B
Data Recipient block ENDS				
PushMessageID	String 25	-	Optional	-
NotificationDate	Date	-	Required	-

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Mail.XML 12.0A - USPSDeliveryContentUpdatedNotification				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
NotificationSummary	USPSDeliveryContentUpdatedNotificationMsgHeaderInfo attribute	-	Required 1 to many allowed	Refer the attribute block in Appendix A. The notification summary basically provides the deliveryContentQueryMsgHeaderInfo information.
USPSDeliveryContentUpdatedNotification ENDS				

5.47 USPSDeliveryContentUpdatedDelivery

This is an automatic message sent from USPS to customer's server with the actual delivery content detail data updated by the content provider. The idea is to let the Scheduler know that the content of their appointment has changed, e.g., pallet count, weight etc.

Mail.XML 12.0A - USPSDeliveryContentUpdatedDelivery				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
USPSDeliveryContentUpdatedDelivery BEGINS				
LargeTransactionDividerGroupOptionalType	LargeTransactionDividerGroupOptionalType attribute	-	Required	Refer to this attribute block in Appendix A
SubmittingParty	participantIDType complex type		Optional block; Identifies the customer submitting the message	Refer to this complex type in Appendix A
SubmittingSoftware	submittingSoftwareType complex type		Optional. Identifies the software submitting the message	Refer to this complex type in Appendix A
DataRecipient block BEGINS			Optional block. If provided then both CRID and Role are required.	

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Mail.XML 12.0A - USPSDeliveryContentUpdatedDelivery				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
CRID	CRIDType simple type		Required	Refer to this simple type in Appendix B
Role	roleType simple type		Required	Refer to this simple type in Appendix B
Data Recipient block ENDS				
PushMessageID	String 25	-	Optional	-
DeliveryContentUpdated	deliveryContentUpdatedType complex type	-	Required 1 to many allowed	Refer the attribute block in Appendix A.
USPSDeliveryContentUpdatedDelivery ENDS				

5.48 PartnerContentAssignmentRequest

This message allows the Mail Owner, Mail Preparer, Consolidator, and Scheduler to assign the content of the mail to another business entity. E.g., Content is created by Consolidator A and assigned to LTL B. The LTL B then assigns the content to LTL C through this message.

Mail.XML 12.0A - PartnerContentAssignmentRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
PartnerContentAssignmentRequest BEGINS				
ContentAssignmentRequestMsgHeaderInfo	ContentAssignmentRequestMsgHeaderInfo attribute	-	Required	Refer to this attribute block in Appendix A
SubmittingParty	participantIDType complex type		Required block; Identifies the customer submitting the message	Refer to this complex type in Appendix A
SubmittingSoftware	submittingSoftwareType complex type		Required block; Identifies the software submitting the message	Refer to this complex type in Appendix A

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Mail.XML 12.0A - PartnerContentAssignmentRequest				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
SubmitterTracking ID	String 20		Required	
CurrentPartnerOwner	participantIDType complex type	-	Required	Refer to this complex type in Appendix A
PartnerContentAssignedTo	partnerContentAssignmentType complex type	-	Required 1 to many allowed	Refer to this complex type in Appendix A
PartnerContentAssignmentRequest ENDS				

5.49 PartnerContentAssignmentResponse

This message is in response to PartnerContentAssignementRequest message. If Request message is accepted – the accept block is returned else reject block is returned in this message.

Mail.XML 12.0A - PartnerContentAssignmentResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
PartnerContentAssignmentResponse BEGINS				
TrackingID	String 20	-	Optional element; This allows the users to retrieve the data without requery by using this ID in the MRRR message.	-
SubmitterTracking ID	String 20		Required	
Choice Block BEGINS	-	-	Either accept or reject block is returned.	-
PartnerContentAssignmentAccepted block BEGINS	-	-	Required 1 to many allowed	-
PartnerIdentifier	participantIDType complex type		Required	Refer to this complex type in Appendix A

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Mail.XML 12.0A - PartnerContentAssignmentResponse				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ConsigneeContentID	String 12	-	Required 1 to many allowed	-
DestinationEntry	yesNo	Yes or No	Required	Allows mailers to specify whether the mail is origin entered or drop ship.
PartnerContentAssignmentAccepted block ENDS				
PartnerContentAssignmentRejected	returnInfoType complex type	-	Required	Refer to this complex type in Appendix A
PartnerContentAssignmentResponse ENDS				

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6. Additional information

6.1 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.
- A mailer can make use of two new files, the. BMEU Entry and CET (Critical Entry Time) files, to identify the Locale Key of a BMEU office and the Critical Entry times at a plant by class and shape respectively. These files are in conjunction with the address file's facility name and Zip Code. These files are available under http://fast.usps.com -> Resources -> Drop Ship Product File Download section.
- 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 is treated as Working or Cross Dock content 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 internal PostalOne! to FAST XML specification for recurring appointments because files with that mail class of six (6) will fail validation.*

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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

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PreSort Types (containerLevelType)			
Code	**Description**	**Supported?**	**Type**
S	3 Digit (Barcode)	Yes	Working
T	3 Digit (Presort)	Yes	Working
U	3 Digit (CR/Auto/Presort)	Yes	Working
V	3 Digit Scheme	Yes	Working
W	TBD (Not supported under Mail.XML 8.0B)	No	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	NDC (BMC before March 2010)	Yes	Working
AF	Protected NDC (Protected BMC before March 2010)	Yes	Working
AG	Mixed NDC (Mixed BMC before March 2010)	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

Note: *New CSA based sort levels are under consideration for support by the FAST System. e.g., AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT*

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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**

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

Note: *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.*

Note: *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.*

6.1.1 Delivery Appointment Query Response

- All available appointment(s) are populated in a one to many Available Hours element in 10-minute intervals in the AvailableSlots block. (Starting with Mail.XML 6.0)
- ReturnInfo block containing Drop Entry Warnings if any have occurred
- If no –available date/times are found, the ReturnInfo block containing one to many return code/description combinations is populated.
- ReturnInfo block containing IM container barcodeWarnings if any have occurred

6.1.2 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
- ReturnInfo block containing IMCB Warnings if any have occurred

6.1.3 Delivery Appointment Create Rejection Response

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

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6.1.4 Delivery Appointment Update Acceptance Response

- The ScheduledAppt element in the ApptBlock block is populated.
- ReturnInfo block containing Drop-Entry Warnings if any have occurred
- ReturnInfo block containing IMCB warnings if applicable

6.1.5 Delivery Appointment Update Rejection Response

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

ReturnInfo

A ReturnInfo block containing one to many return code/description combinations is populated if the Appointment was not cancelled successfully.

6.1.6 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.
- ReturnInfo block containing IM container barcode warnings if applicable

6.1.7 Delivery Content Accept Response

- The ConsigneeContentID in the ContentUSPSSummaryUpdate block is populated.
- ReturnInfo block containing Drop Entry Warnings if any have occurred.
- ReturnInfo block containing IM container barcode warnings if applicable

6.1.8 Delivery Content Reject Response

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

6.1.9 Delivery Content Cancel Response

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

6.1.10 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.

6.1.11 Delivery Appointment Shell Reject Response

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

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6.1.12 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.

6.1.13 Delivery Content Query Response

- A ContentUSPSSummary block for each active content is populated. See Appendix C. 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 November 2009.)
- If business rule violations occur, 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.

6.1.14 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 C. 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 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

6.1.15 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. 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 November 2009.)

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- 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:

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  - 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 FAST 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) unless there is a duplicate record with 000 (in which case it would be incremented to the next value – e.g. 001). This ‘SchedulerCorporateID’ will be provided by the FAST 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 FAST 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.

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- For example, the FAST 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 8.0B 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 8.0BDeliveryContent messages can be used to add/update/remove a specific content for an appointment created by the Scheduler.
- Multiple contents may be canceled by providing each content's ConsigneeContentID (and ConsigneeApptID for associated content) for Mail.XML 8.0B DeliveryContentCancel requests.
- The DeliveryContentQuery messages may be used to query content for drop ship and origin-entry appointments:
  - If ConsigneeApptID is 9-digits then the content will be returned as one time appointment content (Mail.XML 8.0).
  - If ConsigneeApptID is 5-digits followed by the 'R' character then the content will be returned as recurring content (Mail.XML 8.0).
  - FAST shall only return active/open contents (Mail.XML 8.0)
  - The submitter of Mail.XML 8.0 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 8.0).
  - 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 8.0).

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- o The SchedulerID within the header information must be the scheduler of the appointment when ConsigneeAppointmentID is provided and no ConsigneeContentID is provided (Mail.XML 8.0).
- o 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 8.0).

- Mail.XML 8.0 DeliveryApptShellCreateRequest messages will be designated as drop ship if the PickupOrDelivery element is set to “Delivery”. If the PickupOrDelivery element is set to “Pickup” the DeliveryApptShellCreateRequest message will be designated as Origin Entry.
- 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 appointments with no associated content and recurring appointments that are pure periodicals that are subject to one or more redirections.
- 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 8.0 DeliveryApptCancelRequest may be used to cancel recurring appointments by specifying the recurring appointment ID. This applies only to drop ship.
- 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 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.

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- The ConsigneeApptID, ScheduledInductionDate, LogisticsSchedulerID, LogisticsSchedulerCorpID and LogisticsSchedulerCRID are not required in the Mail.XML Mail.XML 8.0B DeliveryContentCreateRequest and DeliveryContentUpdateRequest messages. FAST requires either the ConsigneeApptID or the following fields be populated: ScheduledInductionDate and either LogisticsSchedulerCRID or both LogisticsSchedulerID and LogisticsSchedulerCorpID.
- FAST will be supporting First-Class, Standard, Package Services, and Periodicals Mail Classes for Origin Entry appointments in the Mail.XML 8.0B 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.
- Drop shipment appointments and drop shipment recurring appointments can only be scheduled hourly on the hour (e.g. 10:00:00 or 11:00:00). Origin Entry mailer transported appointments for one time and recurring appointments can only be scheduled in 10 minute intervals (e.g. 10:00:00, 10:10:00 or 10:20:00).
- Contents with Intelligent Mail Container Barcodes may not be added to one time drop ship appointment shells within 24 hours of the appointment date/time.
- Contents with Intelligent Mail Container Barcodes may not be added to one time drop ship pure periodical appointment shells within one hour of the appointment date/time.
- Contents with Intelligent Mail Container Barcodes may not be added to one time origin entry appointment shells within one hour of the appointment date/time.
- Mail.XML 8.0B DeliveryAppointmentCreateRequest, DeliveryAppointmentUpdateRequest, DeliveryAppointmentCancelRequest, DeliveryAppointmentQueryRequest, DeliveryAppointmentCancelCreateRequest, DeliveryContentCreateRequest, DeliveryContentUpdateRequest, DeliveryContentCancelRequest, DeliveryContentQueryRequest, DeliveryAppointmentShellCreateRequest, DeliveryAppointmentShellUpdateRequest, DeliveryAppointmentShellQueryRequest,
- If the SchedulerID, SchedulerCorpID and SchedulerCRID are all provided within the header of a Mail.XML 8.0B message, all three fields must be associated to the same business entity according to FAST scheduler information.
- Mail.XML 8.0B DeliveryContentCreateRequest and DeliveryContentUpdateRequest messages allow identification of the Logistics scheduler via the LogisticsSchedulreCRID or the LogisticsSchedulerID and LogisticsSchedulerCorpID.
- Mailers utilizing *PostalOne!* Mail.dat Summary block to create/update content for recurring appointment instances in FAST may provide sibling barcodes without an associated parent barcode. The PartnerApptQueryResponse and DeliveryContentQueryResponse messages will return a "NA" in the UniqueContainerBarcode element for these content.
- Drop ship one time appointments created online can be updated or cancelled via Web Services.

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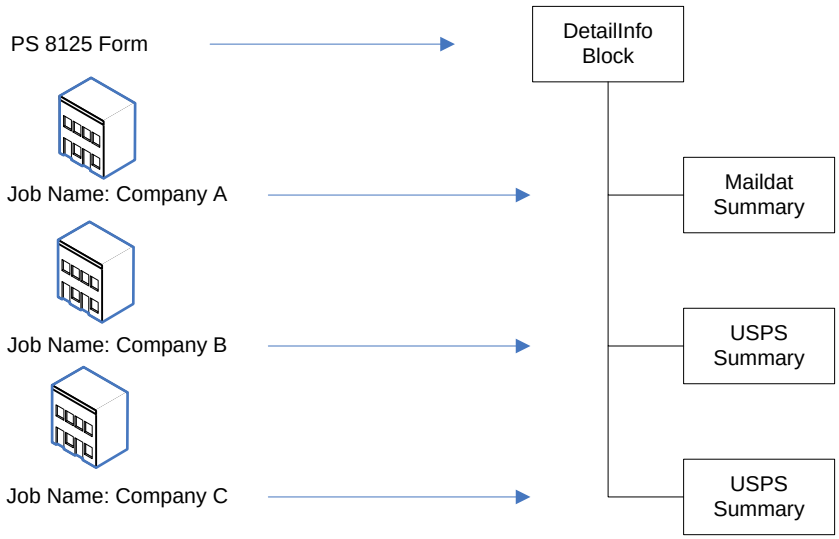
- Drop ship recurring appointment sequences created via Web Services cannot be updated or cancelled online.
- Drop ship recurring appointment sequences created online can be updated or cancelled via Web Services.
- Origin Entry one time appointments created via Web Services can have appointment logistics updated online, but content cannot be updated or be cancelled online.
- Origin Entry one time appointments created online can be updated or cancelled via Web Services.
- Origin Entry recurring appointment sequences created via Web Services appointment logistics can be updated online, but content cannot be updated or cancelled online.
- Origin Entry recurring appointment sequences created online can be updated or cancelled via Web Services.
- Drop ship stand-alone content created or updated via Web Services may be associated to an appointment or rejected online.
- Origin entry stand-alone content created or updated via Web Services may be associated to an appointment or rejected online.

6.1.16 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.



6.2 Multistop Support

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

6.2.1 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.

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- 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.

6.2.2 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.*

Notes: *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.*

Notes: *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.*

6.3 Error Codes/Return Values

Code	Error Message	Spec
314	You have experienced an error with the application. Please contact your FAST or Web Services system administrator for help	All
3000	Scheduler ID is not valid	All
3001	Scheduled Appointment time must be scheduled on the hour	All
3002	Customer and Consignee Multistop ID do not correspond	All
3003	Perishable content is only valid when Processing Category (Mail Shape) is Machineable Parcel, Outside Parcel (Non-Machineable Parcel), or Irregular Parcel	All
3004	Optional Appointment Start Time must be before the Optional End Time	All
3005	Optional Appointment Start Time must be within 8 hours of the Optional End Time	All
3006	The time difference between the first and last appointment of a multi-stop must be within 24 hours	All
3007	Appointment date/time must be earlier than In Home Start Date	All
3008	Number of USPSSummary blocks exceeded maximum limit of 100	All
3009	A Speedline Appointment cannot have more than 6 pallet positions	All
3010	Appointments must be updated at least 1 hour in advance	All
3011	Facility does not accept drop shipments.	All

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Code	Error Message	Spec
3012	An appointment with this Scheduler ID and Scheduler Appointment Request ID already exists	All
3013	Valid content count must be present for each USPS Summary block	All
3015	A Pallet Appointment must have a Count of Pallets Containing Trays, Sacks, Bundles or Parcels	All
3016	Bedload and Drop and Pick Appointments may not have a Count of Pallets Containing Sacks, Trays, Bundles, or Parcels	All
3017	A Speedline Appointment may not have a Bedloaded Tray, Sack, Bundle or Parcel Count	All
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. 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.	All
3019	A Speedline Appointment cannot have more than 24 total pallets	All
3020	Application cannot get response for the given tracking ID (Refer Notes below)	All
3021	A USPSSummary type was not provided in any of the DetailInfo blocks (See Notes below)	All
3022	Invalid Mail Preparer ID	All
3023	Invalid Mail Owner ID	All
3024	Invalid Publication ID	All
3027	Update/cancel refused – content does not exist	All
3028	Invalid Mail Class for Appointment	All
3029	No update to Content made	All
3030	Publications only valid when Mail Class is Periodicals	All

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Code	Error Message	Spec
3031	Invalid TM Spec Version	All
3032	Content may not be cancelled – appointment must have at least one content	All
3033	Invalid ConsigneeContentID	All
3034	Scheduler ID does not correspond to Scheduler ID for content	All
3035	Scheduler ID and Appointment ID do not correspond	All
3036	Facility ID and Appointment ID do not correspond	All
3037	Appointment may not be cancelled – appointment has associated content – please use the DeliveryApptCancelRequest message to cancel this appointment	All
3038	Invalid ConsigneeApptID – Appointment is not a Web Services appointment	All
3039	RecurringAppt block not supported by Consignee	All
3040	Update refused – may not change facility for this appointment – this appointment has associated content	All
3041	Web Services appointments/contents may not be cancelled greater than 24 hours past the appointment date/time	All
3042	Invalid TM Spec Version – Mailer not certified for TM Spec Version	All
3043	Content update/cancel refused – content was not created by a DeliveryContentCreateRequest message	All
3044	Invalid TM Spec Version – Appointment has been previously updated with a higher version	All
3045	Pallet Presort Level Counts must equal Pallet Level Counts	All
3047	A Drop and Pick Appointment Type may not be a Multi-Stop	All
3048	Invalid cancellation reason	All
3049	Scheduler for appointment must use the DeliveryApptUpdate message to add/update content(s)	All
3050	Invalid Unique Container ID – Container ID must be 21-digits and begin with 99M	All
3051	No content associated to appointment	All
3052	Mailer must provide FAST content ID on update using a DeliveryContentUpdateRequest or a DeliveryContentUpdateRequest Message	All
3053	NDC discount for Periodicals is only valid for cross	All

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Code	Error Message	Spec
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.	All
3056	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.	All
3057	No slots available for the requested time/type due to tiering	All
3058	Number of Pallet Positions must be specified when Appointment Type is Speedline	All
3059	Facility cannot be modified for recurring appointment instances.	All
3060	Effective Start Date must be 14 days in the future	All
3061	Effective Start Date must be before the Effective End Date	All
3062	Invalid Day Frequency/Week Frequency Combination. A Day Frequency of Daily must have a Week Frequency of Weekly	All
3063	eVS Indicator is only valid when Processing Category (Mail Shape) is Machineable Parcel, Outside Parcel (Non-Machineable Parcel), or Irregular Parcels	All
3064	eVS Indicator is only valid when Mail Class is Standard, Package Services or First-Class	All
3065	eFile Number is only valid when eVS Indicator is Yes	All
3066	The eFile Number must be 22 digits	All
3067	Priority Mail Indicator is only valid when Mail Class is First-Class	All
3068	<Pallet Type> is only valid when the Mail Class is First-Class	All
3069	Either the appointment ID or the following fields are required: scheduled induction date, and either logistics scheduler CRID or both logistic scheduler ID and logistic scheduler Corp ID	All
3069	Either the appointment ID or all of the following fields are required: scheduled induction date, logistic scheduler ID and logistic scheduler Corp ID	All
3070	Scheduled Induction Date cannot be in the past	All
3071	Invalid Logistic Scheduler ID	All
3072	Invalid Requestor Scheduler ID	All
3073	Invalid Requestor Scheduler Corp ID	All
3074	Invalid Requestor Scheduler ID for Requestor Scheduler Corp ID	All

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Code	Error Message	Spec
3075	Invalid TM Spec Version - Content has been previously updated with a higher version	All
3076	Invalid Creator Scheduler ID for Creator Scheduler Corp ID	All
3077	Invalid Creator Scheduler Corporate ID	All
3078	Creator Scheduler ID is not valid	All
3079	Facility Locale Key is required for this message	All
3080	Invalid SchedulerContentID/ConsigneeContentID combination	All
3081	Update/Cancel refused: Content ID does not match specified Job ID, Database Container ID, User License Code, and Verification Zip+4	All
3082	ConsigneeApptID is required to update associated content	All
3083	Content has been previously associated to an appointment	All
3084	Invalid SchedulerID – Scheduler ID provided is not the Logistic Scheduler	All
3085	No more than 100 Contents may be associated to a single appointment	All
3086	The total volume of Bedload contents may not exceed 9999	All
3087	The total volume of Pallet, Hamper, APC/ERMC and Wire Container contents may not exceed 9999	All
3088	Invalid SchedulerContentID	All
3089	Appointment Time not within Facility hours of operation	All
3090	The only valid handling units for a First-Class Appointment are 1' Tray, 2' Tray, EMM Tray, Flat Tub, Parcels and Sacks	All
3091	Consignee does not accept First-Class appointments at this facility	All
3092	Unable to associate stand-alone content (ConsigneeContentID <Content ID>) - content cancelled	All
3093	Your search did not return any result	All
3094	A recurring appointment with this Scheduler ID and Shipper Appointment Request ID already exists.	All
3095	Effective End Date must not be greater than 12/31/2999	All
3096	Invalid Recurring Frequency	All
3098	The Priority Mail indicator is only valid on First-Class Contents	All
3099	At least 1 Pallet/Bedload count must be provided	All
3100	May not cancel/delete an online content(s)	All

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Code	Error Message	Spec
3102	A one day In-Home Date Range may not be on a Sunday	All
3103	Invalid Logistic Scheduler Corp ID	All
3104	Invalid Logistic Scheduler ID for Logistic Scheduler Corp ID	All
3105	Full content replacement is only valid when the Consignee Appointment ID is provided	All
3106	Consignee does not support <Mail Class> for this message type.	All
3107	Update/Cancel Refused – Content is Closed/Cancelled	All
3108	Appointment cannot contain both drop ship and First-Class contents	All
3118	The Start Time may not be in the past	All
3119	May not search for appointment slots more than 14 days after the current date	All
3120	An appointment cannot have both drop ship and Origin Entry content	All
3122	Invalid Customer Registration ID for Scheduler ID	All
3123	Facility cannot be modified for Recurring Appointment sequences.	All
3125	Query Refused – {Recurring Appointment Sequence/Unscheduled Appointment/ Appointment Shell} querying is not supported in PartnerApptQueryRequest.	All
3126	Either the Submitting Party Scheduler ID or Customer Registration ID is required	All
3127	Invalid Submitting Party Scheduler ID	All
3128	A Recurring Origin Entry Appointment Sequence must have a Weekly Frequency of “Weekly”	All
3129	A Rate Type must be selected for Package Services content	All
3130	Invalid Customer / Supplier Agreement ID	All
3131	Update Refused - Mail Class cannot be modified. There is at least one <Mail Class> content associated to this appointment.	All
3133	Scheduler cannot be modified for stand-alone contents	All
3134	May not create this appointment with the same appointment date and time as another appointment on the Multistop.	All
3135	Update Refused - Mail Class cannot be modified. There is at least one <Mail Class> content associated to this appointment.	All
3136	May not cancel an appointment with Partial closeout information.	All

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Code	Error Message	Spec
3137	Recurring appointments must span at least 7 days	All
3138	The effective end date of your appointment has been updated to be in sync with the drop entry dates of the facility and the resulting date range does not span at least 7 days.	All
3139	A Speedline appointment that has Pallet Position Count of <total_pallet_positions> cannot have a total pallet count that is more than <total_pallets>	All
3140	A Content with this Scheduler ID and Scheduler Content Request ID already exists	All
3141	Effective Start Date must be at least 1 day in the future.	All
3142	Scheduled Appointment time must be scheduled on 10-minute intervals	All
3143	The date range may not exceed 24 hours	All
3144	The Optional Start and Optional End times must be scheduled on 10-minute intervals	All
3145	The Customer Registration ID cannot be authenticated at this time, please try again later.	All
3146	Submitting user Customer Registration ID is not affiliated with business entity in FAST.	All
3147	Either the Customer Registration ID or both Scheduler ID and Scheduler Corporate ID is required.	All
3148	This Intelligent Mail Container Barcode has previously been associated to a Full-Service content.	All
3149	Invalid Logistics Customer Registration ID for Logistics Scheduler ID.	All
3150	Invalid Logistics Customer Registration ID.	All
3151	Either the Logistics Customer Registration ID or both Logistics Scheduler ID and Logistics Corporate ID is required.	All
3152	Package Services subtype is a required field for Origin Entry Package Service contents.	All
3153	Cannot update a drop ship appointment to only have Origin Entry contents.	All
3154	Cannot update an Origin Entry appointment to have drop ship content(s).	All
3155	Drop ship contents may not be associated to Origin Entry appointments.	All
3156	A drop ship appointment must have at least one drop ship Content.	All
3157	Content may not be cancelled-drop ship appointments must have at least one drop ship contents.	All
3158	Invalid content for appointment.	All

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Code	Error Message	Spec
3159	Invalid Customer Registration ID for Corporate ID.	All
3160	Web Services/Online Appointment Shells must be scheduled at least 24 hours in advance	All
3161	Appointment must have at least one content within 24 hours of the appointment date/time	All
3471	Contents may only be cancelled from the same appointment.	All
3472	Invalid Mail Preparer CRID	10.0 and Newer
3473	Invalid Mail Owner CRID	10.0 and Newer
3474	Mail Preparer CRID does not correspond to Mail Preparer ID	10.0 and Newer
3475	Invalid Partner Owner Scheduler ID	All
3476	Invalid Partner Owner Customer Registration ID	All
3477	Invalid Partner Owner Customer Registration ID for Partner Owner Scheduler ID	All
3478	Partner Owner provided is not the Logistic Scheduler of the content specified	All
3480	Stand-Alone content association is not supported for Recurring Appointments	10.0 and Newer
3481	Intelligent Mail package barcodes are only valid for a Bedloaded Sack.	All
3482	Intelligent Mail tray barcodes are only valid for a Bedloaded Tray.	All
3484	Retrieve Content Updated Start Date and Retrieve Content Updated End Date are required.	All
3485	Retrieve Content Updated Start Date must be before the Retrieve Content Updated End Date.	All
3486	The Retrieve Content Updated Date range may not exceed <value> days.	All
3487	The Retrieve Content Updated Start Date may not be greater than <value> days in the past.	All
3488	The Retrieve Content Updated End Date may not be greater than <value> days in the past.	All
3489	The Retrieve Content Updated Start Date cannot be in the future.	All
3490	The Retrieve Content Updated End Date cannot be in the future.	All
3491	The Retrieve Content Updated Start Date and Retrieve Content Updated End Date range must be the same for all Query Parameters.	10.0 and Newer
3492	Invalid Query Parameters - input types specified must all be the same	10.0 and Newer

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Code	Error Message	Spec
3493	Both Retrieve Content Updated Start Date and Retrieve Content Updated End Date are required if one is provided.	All
3494	A USPSSummary type or a valid Consignee Content ID was not provided in any of the DetailInfo blocks	10.0 and Newer
3495	Query Refused - unassociated querying is not supported in StaleContentQueryRequest.	All
3496	The Number of Days Stale cannot be less than <value> days.	10.0 and Newer
3497	The Number of Days Stale cannot be greater than <value> days.	10.0 and Newer
3498	The Number of Days Stale is required.	10.0 and Newer
3500	Query Refused - <appt_type> querying is not supported in USPSDeliveryContentUpdatedQueryRequest.	All
3501	Origin Entry contents may not be associated to Drop Ship appointments.	All
3502	Association Refused - scheduler is not associated to the specified content	All
3503	Assignment Refused - Only Stand-Alone Content is support for PartnerContentAssignmentRequest	All
3504	Consignee Content ID must reference valid Stand Alone Content.	All
3505	Stale Content is content not associated to an appointment, Appointment ID may not be provided when querying for Stale Content.	10.0 and Newer
3506	Invalid search parameters - ConsigneeContentID is not associated to the Facility provided.	All
3507	Invalid search parameters - ConsigneeContentID is not stale within the NumberOfDaysStale provided.	All
3508	Invalid search parameters - No contents were updated during the date range provided.	All
3509	Invalid search parameters - ConsigneeContentId was not updated during date range provided.	All
3510	Invalid search parameters - No content associated to the ConsigneeApptId was updated during the date range provided.	All
3511	Stale Content is content not associated to an appointment. The ConsigneeContentID provided is associated to a FAST Appointment.	All
3512	Only Content Volume changes may be made during the Restricted Window.	All
3513	Content Volume change exceeded the allowable limit.	All
3514	Query Date Range must be within 90 days of the current date.	All

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Code	Error Message	Spec
3515	Date Range Invalid: the Start Date cannot be after the End Date.	All
3516	Both the Start Date and the End Date must be within 14 days of the current date.	All
3517	Invalid Query Parameters: Either the ConsigneeApptID or the Date Range (Start Date and End Date) must be provided.	All
3518	This Intelligent Mail Container Barcode has previously been associated to an eInduction content.	All
3519	Update refused. SchedulerContentID = <Customer Content ID> currently associated to an existing content on this appointment.	All
3520	The ConsigneeContentID is not associated with the SchedulerContentID.	All

6.3.1 Notes for Error Codes/Return Values

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.

Return Codes 3022 and 3023 are used to validate that the Mail Preparer ID and any Mail Owner IDs are valid FAST Scheduler IDs.

Return 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.

Return Code 3031 would be returned in a Fault Response.

Return 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 DeliveryContent message request and update types.

Return 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.

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Return 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.

Return 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.

Return Code 3140 is only valid for Origin Entry appointments and contents

Return Codes 3142 and 3144 are only applicable for Origin Entry appointment and recurring appointment scheduling.

Return Code 3046 Mailers will receive this error messages if they used incorrect WSDL to send TM V2.0 Appointment messages.

Return Code 3145 is used if the Customer Registration application is down.

Return Code 3146 is used if the Mailer has not registered in FAST or not found in FAST database.

Return Code 3147 is used if the Mailer only entered Scheduler ID or Scheduler Corporate ID.

Return Code 3148 is used if the Mailer sends a duplicate container barcode that has previously been associated to a Full-Service content.

Return Code 3149 is used if the Mailer uses a Customer Registration ID that is not associated to their Mailer in FAST.

Return Code 3150 is used if the Mailer enters an invalid Logistics Customer Registration ID.

Return Code 3151 is used if the Mailer only enters the Logistics Scheduler ID or only the Logistics Corporate Scheduler ID.

6.4 Drop Entry Point 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:

- DeliveryApptCreateAccept Response
- DeliveryApptUpdateAccept Response
- DeliveryApptQuery Response
- DeliveryContentCreateAccept Response
- DeliveryContentUpdateAccept Response

Code	Warning Message	Explanation	Spec
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.	All
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.	All

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Code	Warning Message	Explanation	Spec
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.	All
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.	All
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	All
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	All
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.	All
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.	All

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Code	Warning Message	Explanation	Spec
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.	All
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.	All
4010	BMC discount for Periodicals is only valid for cross-docked pallets.	If an appointment is scheduled for Palletized Periodicals for BMC discount.	All
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.	All
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.	All

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Code	Warning Message	Explanation	Spec
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.)	All
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.)	All
4015	This recurring sequence is pending facility approval	If a pending recurring appointment sequence request is returned in a RecurringApptQueryResponseResponse.	All
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.	All
4018	The requested appointment date and time and in-home date are not in accord with USPS service standards. A shipment with a one day in-home date claiming a NDC 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 NDC Standard mail.	All

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Code	Warning Message	Explanation	Spec
4019	The requested appointment date and time and in-home date are not in accord 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.	All
4020	The requested appointment date and time and in-home dates are not in accord with USPS service standards. A shipment with an in-home date range claiming a NDC 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 NDC Standard mail.	All
4021	The requested appointment date and time and in-home dates are not in accord 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.	All
4031	Only 100 contents have been returned. To see all stale content, please go to PostalOne! and subscribe to the Stale Content Push Messages.		10.0 and newer
4032	Only 100 contents have been returned. To see all updated content, please go to PostalOne! and subscribe to the USPS Delivery Content Updated Push Messages.		10.0 and newer

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Code	Warning Message	Explanation	Spec
4034	Update refused - Duplicate contents referenced in request.		All

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

Code	Warning Message	Explanation	Spec
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.	All
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.	All
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	All
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.	All

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Code	Warning Message	Explanation	Spec
4026	Your recurring appointment has been successfully created. An informational email notification of the approved request has been sent to the facility and the scheduler	If a recurring drop ship appointment is created via a Delivery Appointment Create Request message.	All
4027	Your search did not return any results	If a query message does not return search results.	All
4028	The effective end date of your appointment has been updated to be in sync with the drop entry dates of the facility. The new effective end date is <DATE>. Please see the Mail Direction Search for more details.	If the effective end date of a drop shipment recurring appointment is automatically adjusted to be in sync with redirection dates.	All
4029	Warning! If you have a CSA at your old facility, please verify if your CSA is still valid.	If an Origin Entry recurring appointment is updated to be scheduled at a different facility than where it was created.	All

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.

6.5 Fault Codes

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 fault codes that are applicable to all Mail.XML messages, they are sent whenever a fault occurs in the transmission of the message.

Code	Description	Messages
314	Generic Error code	Fault (All Mail.XML Messages)
402	Not Well Formed XML	Fault (All Mail.XML Messages)
403	Validation Failure – {specific error message thrown by parser}	Fault (All Mail.XML Messages)
412	Unauthorized – Required SubmittingParty	Fault (All Mail.XML Messages)
412	Unauthorized – User does not have access to specified SubmittingParty	Fault (All Mail.XML Messages)
412	Unauthorized – User does not have access to “Manage Mailing Activity” service	Fault (All Mail.XML Messages)

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Code	Description	Messages
412	Unauthorized - Invalid user ID	Fault (All Mail.XML Messages)
412	Unauthorized - Invalid user password	Fault (All Mail.XML Messages)
412	Unauthorized - Account disabled	Fault (All Mail.XML Messages)
412	Unauthorized - Maximum password retries reached	Fault (All Mail.XML Messages)
412	Unauthorized - Profile not found	Fault (All Mail.XML Messages)
440	Sorry - Mail.XML version is not supported	Fault (All Mail.XML Messages)
500	Generic Internal Responder Error	Fault (All Mail.XML Messages)
500	Your request has been accepted for processing by USPS. Use the attached Tracking ID with a MessageResponseRetrievalRequest message to get the status of your request.	Fault (All Mail.XML Messages)
501	This Mail.XML request for Message XXXX with SubmitterTrackingID nnnnnn was not processed by Mail.XML application because an identical request was received on mm/dd/yyyy hh:mm:ss and was assigned TrackingID of mmmmmmm. Please use the MRRR message with Tracking ID mmmmmm to retrieve.	Fault (All Mail.XML Messages)
503	Not Implemented - Mail.XML message received is not supported (MessageName)	Fault (All Mail.XML Messages)

6.6 Support Mailer SubmitterTrackingID on MailXML 12.0A Messages

6.6.1 Business Requirements:

MailXML 12.0A messages supports 'SubmitterTrackingID' on MailXML request message. If the value is set by the mailer, *PostalOne!* system will make use of this to identify the duplicate requests, avoid processing the duplicate messages submitted. The sections given below discuss more details on MailXML Service Layer and Target Apps processing 'SubmitterTrackingID'.

6.6.2 Business Rules/ Assumptions:

1. Mailers provide a SubmitterTrackingID as part of their request messages.
2. SubmitterTrackingID is introduced in Mail.XML 12.0 and is currently required in Mail.XML specification.
3. *PostalOne!* system will use the SubmitterTrackingID to ensure that Mailer's requests were processed one time only by Mail.XML and target applications
4. Mailer must provide a unique combination of SubmitterTrackingID/MessageName for 45 days in order to support these requirements.
5. *PostalOne!* will use the combination of UserID/SubmitterTrackingID/ MessageName to identify duplicate requests from the Mailers. Please note that the business requirements call for 48 hours but we recommend 45 days to be consistent with other Full Service uniqueness requirements.
6. *PostalOne!* applications will include the SubmitterTrackingID in Mail.XML responses and error messages.

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7. *PostalOne!* applications generate responses or error messages for all Mail.XML requests.
8. *PostalOne!* applications will use the following elements to identify and handle duplicate requests:
   a. UserID
   b. MessageName
   c. TrackingID (MailXML app assigns this)
   d. SubmitterTrackignID (assigned by the Mailer)
   e. RequestReceived DateTime(MailXML app assigns this)
9. Duplicate messages will only be identified for mailers who are providing SubmitterTrackignIDs in their requests.
10. If no response was received from the target application for a given request during 48 hours window. The request will be considered as obsolete and no response will be provided using MRRR. An error message will be provided back to the Mailer in the MRRR response as follows:

Sample Given below for MailXML 12.0A

```
<mailxml:MessageResponseRetrievalResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://idealliance.org/Specs/mailxml12.0a/mailxml mailxml_12.0a.xsd " xmlns:mailxml="http://idealliance.org/Specs/mailxml12.0a/mailxml" xmlns:mailxml_base="http://idealliance.org/Specs/mailxml12.0a/base" xmlns:mailxml_defs="http://idealliance.org/Specs/mailxml12.0a/mailxml_defs">
    <mailxml:MessageResponseRetrievalReject mailxml:TrackingID="5400000000000000001">
      <mailxml:ReturnInfo>
        <mailxml_defs:ReturnCode>1510</mailxml_defs:ReturnCode>
        <mailxml_defs:ReturnDescription>The TrackingID provided in the MRRR request was processed by Mail.XML application on mm/dd/yyyy hh:mm:ss. No response was received by Mail.XML from the target application. Please re-submit a new request or contact the HelpDesk for more investigation to the issue preventing the target application from generating the response</mailxml_defs:ReturnDescription>
      </mailxml:ReturnInfo>
    </mailxml:MessageResponseRetrievalReject>
 </mailxml:MessageResponseRetrievalResponse>
```

6.6.3 Possible Scenarios for using and identifying duplicate requests:

Scenario-1:

Mailer sends original request followed by another identical request. While Mail.XML is processing the duplicate request, the response is available for the original request.

1. Mailer sends the first request with a unique SubmitterTrackingID.
2. MailXML application receives the request, captures the information below and routes the request to the target application for processing
   a. UserID
   b. MessageName
   c. TrackingID (MailXML app assigns this)
   d. SubmitterTrackignID (assigned by the Mailer)
   e. RequestReceived DateTime (MailXML app assigns this)
3. Mailer sends the second request with the same SubmitterTrackingID.

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4. MailXML application checks the request, assigns TrackingID and performs validation for the duplicate message.
5. If it is a duplicate message MailXML will not forward request to the target application. An error message will be generated by the Mail.XML application and returned back to the mailer as follows:

"This Mail.XML request for Message XXXX with SubmitterTrackingID nnnnnn was not processed by Mail.XML application because an identical request was received on mm/dd/yyyy hh:mm:ss and was assigned TrackingID of mmmmmmm. Please use the MRRR message with Tracking ID mmmmmm to retrieve the response"

Sample Given below for MailXML 12.0A.

```
<mailxml:Fault  xmlns:mailxml="http://idealliance.org/Specs/mailxml12.0a/mailxml"
xmlns:mailxml_base="http://idealliance.org/Specs/mailxml12.0a/base"
xmlns:mailxml_defs="http://idealliance.org/Specs/mailxml12.0a/mailxml_defs"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://idealliance.org/Specs/mailxml12.0a/mailxml mailxml_12.0a.xsd ">
  <mailxml:FaultCode>501</mailxml:FaultCode>
  <mailxml:FaultDescription>This Mail.XML request for Message XXXX with SubmitterTrackingID
nnnnnn was not processed by Mail.XML application because an identical request was received on
mm/dd/yyyy hh:mm:ss and was assigned TrackingID of mmmmmmm. Please use the MRRR
message with Tracking ID mmmmmm to retrieve.</mailxml:FaultDescription>
</mailxml:Fault>
```

6. Mailer to use MRRR message with TrackingID mmmmmm to retrieve the responses.

Scenario-2:

Mailer sends original request followed by another identical request. No response is made available by the target application for the original request.

1. Mailer sends the first request with a unique SubmitterTrackingID.
2. MailXML application receives the request, captures the information below and routes the request to the target application for processing
   a. UserID
   b. MessageName
   c. TrackingID (MailXML app assigns this)
   d. SubmitterTrackignID (assigned by the Mailer)
   e. RequestReceived DateTime (MailXML app assigns this)
3. Mailer sends the second request with the same SubmitterTrackingID.
4. MailXML application checks the request, assigns TrackingID and performs validation for the duplicate message.
5. If it is a duplicate message MailXML will not forward request to the target application. An error message will be generated by the Mail.XML application and returned back to the mailer as follows:

Sample Given below for MailXML 12.0A.

```
<mailxml:Fault  xmlns:mailxml="http://idealliance.org/Specs/mailxml12.0a/mailxml"
xmlns:mailxml_base="http://idealliance.org/Specs/mailxml12.0a/base"
xmlns:mailxml_defs="http://idealliance.org/Specs/mailxml12.0a/mailxml_defs"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://idealliance.org/Specs/mailxml12.0a/mailxml mailxml_12.0a.xsd ">
  <mailxml:FaultCode>501</mailxml:FaultCode>
```


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<mailxml:FaultDescription>This Mail.XML request for Message XXXX with SubmitterTrackingID nnnnnn was not processed by Mail.XML application because an identical request was received on mm/dd/yyyy hh:mm:ss and was assigned TrackingID of mmmmmmm. Please use the MRRR message with Tracking ID mmmmmm to retrieve.</mailxml:FaultDescription>
</mailxml:Fault>

6. Mailer uses MRRR message with TrackingID mmmmmm to retrieve the responses.
7. Target Applications generate the response for the initial/first Request. Mail.XML application will generate a Come Back Later message if no response is available.

6.7 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:

6.8 Message Response Retrieval Request Processing

The *PostalOne!* system will generate the response to a MessageResponseRetrievalRequest (MRRR) for Mail.XML 8.0B requests and ApptResponseRetrievalRequest (ARRR) for Mail.XML 8.0B 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

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6.9 *PostalOne!* WSDL Information

All web services transactions that are made with the USPS should comply with the WSDL specification that are posted on RIBBS® and can be downloaded from the following location: http://ribbs.usps.gov/intelligentmail_guides/documents/tech_guides/xmlspec/wsdls/wsdls.htm

A web services request must include a valid and active USPS User ID and Password as defined in the UserAuthenticationInfo.xsd file that is provided as part of the WSDL downloable files. A typical web service message construct defined is as follows:

```
<wsdl:message name="DeliveryContentUpdateRequest">
        <wsdl:part name="authInfo" element="auth:AuthenticationInfo"/>
        <wsdl:part name="apptContentUpdate" element="tns:apptContentUpdate"/>
</wsdl:message>
```

With the following

String-typed WSDL:

```
<wsdl:message name="StartTheClockQueryRequest">
<wsdl:part element="auth:AuthenticationInfo" name="authInfo"/>
<wsdl:part element="tns:startTheClockQuery" name="startTheClockQuery"/>
</wsdl:message>
```

XSD-typed WSDL:

```
<wsdl:message name="FullServiceStartTheClockQueryRequest">
<wsdl:part element="uspsmxml:FullServiceStartTheClockQueryRequest"
name="FullServiceStartTheClockQueryRequest"/>
</wsdl:message>
```

USPS will validate and authenticate the user information before processing the request. An error message will be returned in response to the web service request for invalid user information.

6.10 Types of WSDLS

There are two types of WSDLs approach i.e. String-Type WSDL and Message-Type WSDL. Following is basic information on each of the WSDL types to help customer understand what are the advantages and disadvantages of consuming String Vs. Message Type WSDL:

Consuming String-Type WSDLs:

This method is more generalized, in which customer needs to manually register each message type and register all services in their environment to later use for invoking the remote service. This is a manual process and cannot be automated easily, which is the major disadvantage of using this method. The advantage is that one string type WSDL can be used for any versions of Mail.XML but they need to be manually registered in the code. The USPS is keeping this string type until Mail.XML 9.0 implementation.

> ***Note:*** *Mail.XML no longer supports String-Type WSDLs*

Consuming Message-Type WSDLs:

This method eliminates the need of manually registering each service and message type in their environment. Customer can use automated tool that message-type WSDLs to setup their environment without the hassle of manually registering each service. However, this approach requires updates to WSDLs every time a new Mail.XML version is released. In other words, it is tightly coupled with the Mail.XML Specification Version. The USPS is transitioning to this type of Message WSDLs to help the industry remove manual editing and registering of messages. USPS will stop supporting String-Type

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WSDLs post Mail.XML 9.0 release, so we recommend everyone in the industry to make plans to move to the message Type WSDLs.

The customer must use either string-type or message-type URL to consume the services. These URL's are provided in Appendix A.

6.11 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.

6.12 Closeout Messages

FAST will generate closeout messages 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 12.0A . For example, if an appointment was created using Mail.XML 8.0B, then updated using Mail.XML 12.0A , the ConsigneeGoodsReceipt will be generated using Mail.XML 12.0A . If an appointment is created/updated using Mail.XML 8.0B and never updated using Mail.XML 12.0A , the ConsigneeGoodsReceipt will be generated using Mail.XML 8.0B.

As a part of the Mail.XML 8.0B, If the scheduler has completed testing for Mail.XML 8.0, the ConsigneeGoodsReceipt will be generated using Mail.XML 8.0. If the scheduler has completed testing for Mail.XML 4.0, Mail.XML 6.0, and Mail.XML 8.0, the ConsigneeGoodsReceipt will be generated using highest certified Mail.XML. Additionally, as part of the Mail.XML 8.0B integration, Mail Owners and Mail Preparers that have completed testing for Mail.XML 8.0B or a newer Mail.XML specification will receive ConsigneeGoodsReceipt messages for appointments with which they are associated. Messages sent to Mail Owners and Mail Preparers will be sent using the most current Mail.XML specification the Mail Owner or Mail Preparer has used for completing tests.

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 8.0B, the UnscheduledConsigneeGoodsReceipt will be generated using Mail.XML 8.0B. If the scheduler has completed testing for Mail.XML 12.0A , the UnscheduledConsigneeGoodsReceipt will be generated using Mail.XML 12.0A . If the scheduler has completed testing for both Mail.XML 8.0B the UnscheduledConsigneeGoodsReceipt will be generated using Mail.XML 12.0A .

As a part of the Mail.XML 8.0B Integration release, if the scheduler has completed testing for Mail.XML 8.0, the UnscheduledConsigneeGoodsReceipt will be generated using Mail.XML 8.0. If the scheduler has completed testing for Mail.XML 4.0, Mail.XML 6.0, and Mail.XML 8.0, the UnscheduledConsigneeGoodsReceipt will be generated using highest certified Mail.XML.

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

How Closeout Data for MailOwner and MailPreparer is Disseminated?

Currently mail owner and mail preparer, if they are not the scheduler of the appointment, can only get the close out data of the appointment if they are identified as the mail owner and or preparer of the content, which belongs to the appointment.

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Identifying Mail Owner and Mail Preparer in Appointment Messages

The Mail Owner can be identified in the appointment create and update messages in the USPSContainerInfo block of Pallets block of USPSSummary block of DetailInfo of the DeliveryApptCreateRequest and DeliveryApptUpdateRequest messages.

The Mail Preparer can be identified in USPSSummary block of DetailInfo Block of DeliveryApptCreateRequest and DeliveryApptUpdateRequest messages.

Identifying Mail Owner and Mail Preparer in Content Messages

The Mail Owner can be identified in the content create and update messages in the USPSContainerInfo block of Pallets block of ContentUSPSSummary block of ContentDetailInfo block of DeliveryContentCreateRequest and DeliveryContentUpdateRequest messages.

The Mail Preparer can be identified in the ContentUSPSSummary block of ContentDetailInfo block of DeliveryContentCreateRequest and DeliveryContentUpdateRequest messages.

Please note that the ContentDetailInfo block is named as “ContentDetailInfoUpdate” block in the DeliveryApptUpdateRequest message.

> ***Note:*** *Scheduler ID and CRID are the valid IDs allowed to Identify MailOwner and MailPreparer*

Scheduler or content provider can provide the Scheduler ID OR CRID of Mail Owner and/or Mail Preparer in the above mentioned elements used for identifying mail owner and mail preparer.

6.13 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.

6.14 *PostalOne!* - FAST Web Services Authentication:

- Following the March 2010 release, *PostalOne!* will only provide username and password validation for Web Services messages sent to FAST. *PostalOne!* will set the CRID of the user identified by the username and password in the JMS header of FAST-supported messages. FAST shall authenticate the user CRID is associated to the Scheduler ID or Scheduler CRID from the header of the message. FAST will support Submitting Party-based security, identified in Mail.XML 8.0B for the messages listed below. Requestor attributes are replaced by the Submitting Party block for Mail.XML 8.0B. All other messages sent to FAST will continue to support the existing SchedulerID/SchedulerCorpID/SchedulerCRID authentication in the Submitting Party block by the FAST *system* for the DeliveryContentQueryRequest message.
- SchedulerID and/or Scheduler CRID in the Submitting Party block will be authenticated by FAST for the RecurringApptQueryRequest message.
- SchedulerID and/or Scheduler CRID in the Submitting Party block will be authenticated by FAST for the PartnerApptQueryRequest message
- SchedulerID and/or Scheduler CRID in the Submitting Party block will be authenticated by FAST for the CustomerSupplierAgreementQueryRequest message.

FAST shall validate the user CRID is associated with the SchedulerID and CRID (if provided) for the FAST Business Service against in the Customer Registration system for the following messages:

- SchedulerID/SchedulerCorpId and/or SchedulerCRID in the message header will be authenticated by FAST for the DeliveryAppointmentCreateRequest message.

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- SchedulerID/SchedulerCorpId and/or SchedulerCRID in the message header will be authenticated by FAST for the DeliveryAppointmentUpdateRequest message.
- SchedulerID/SchedulerCorpId and/or SchedulerCRID in the message header will be authenticated by FAST for the DeliveryAppointmentCancelRequest message.
- SchedulerID/SchedulerCorpId and/or SchedulerCRID in the message header will be authenticated by FAST for the DeliveryAppointmentQueryRequest message.
- SchedulerID/SchedulerCorpId and/or SchedulerCRID in the message header will be authenticated by FAST for the DeliveryAppointmentCancelCreate message.
- SchedulerID/SchedulerCorpId and/or SchedulerCRID in the message header will be authenticated by FAST for the DeliveryContentCreateRequest message.
- SchedulerID/SchedulerCorpId and/or SchedulerCRID in the message header will be authenticated by FAST for the DeliveryContentUpdateRequest message.
- SchedulerID/SchedulerCorpId and/or SchedulerCRID in the message header will be authenticated by FAST for the DeliveryContentCancelRequest message.
- SchedulerID/SchedulerCorpId and/or SchedulerCRID in the message header will be authenticated by FAST for the DeliveryAppointmentShellCreateRequest message.
- SchedulerID/SchedulerCorpId and/or SchedulerCRID in the message header will be authenticated by FAST for the DeliveryAppointmentShellUpdateRequest message.
- SchedulerID/SchedulerCorpId and/or SchedulerCRID in the message header will be authenticated by FAST for the DeliveryAppointmentShellCancelRequest message.
- CreatorSchedulerID/CreatorSchedulerCorpId and/or CreatorSchedulerCRID in the message header will be authenticated by FAST for the RecurringApptQueryRequest message.
- SchedulerID/SchedulerCorpId and/or SchedulerCRID in the message header will be authenticated by FAST for the PartnerApptQueryRequest message.

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7. Appendix A - Mail.XML 12.0A

In this Appendix A, the Complex Types are the data structure for Mail.XML 12.0A for FAST messages that are derived from the XSD specification.

7.1 Complex Type: ActualBedLoadType

Provides the actual count and actual percentage for a FAST bedload value

Mail.XML 12.0A - Complex Type: ActualBedLoadType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ActualBedLoadType BEGINS				
HandlingUnit (as attribute)	palletHandlingUnitType simple type	-	Required (Attribute)	Refer to this simple type in Appendix B
Choice Block BEGINS				
ActualBedloadPercent	nonNegativeInteger		Required	
ActualBedloadCount	nonNegativeInteger		Required	
Choice Block ENDS				
ActualBedLoadType ENDS				

7.2 Complex Type: actualPalletType

Provides the actual count for a FAST pallet value

Mail.XML 12.0A - Complex Type: actualPalletType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
actualPalletType BEGINS				
HandlingUnit (as attribute)	palletHandlingUnitype simple type	-	Required (Attribute)	Refer to this simple type in Appendix B
ActualPalletCount	nonNegativeInteger	-	Required	-
actualPalletType ENDS				

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7.3 Complex Type: addressType

Mail.XML 12.0A - Complex Type: addressType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
addressType BEGINS				
CommunicationRole	Mailxml_base:CommunicationRoleType	Refer the simple type	This is an attribute element	Refer to this simple type in Appendix B
Address1	Mailxml_base:s64	-	Required	-
Address2	Mailxml_base:s64	-	Optional	-
Address3	Mailxml_base:s40	-	Optional	-
Addres4	Mailxml_base:s40	-	Optional	-
City	Mailxml_base:s45	-	Required	-
County	Mailxml_base:s45	-	Optional	-
State	Mailxml_base:stateCode	See comments	Required	Refer to this simple type in Appendix B
ZipCode	Numeric Strong 9	9 digits zip	Required	-
GPSCoordinates	gPSCoordinates complex type	-	Optional	Refer to this complex type in Appendix A

7.4 Complex Type: allDeliveryApptCloseoutAcceptType

Mail.XML 12.0A - Complex Type: allDeliveryApptCloseoutAcceptType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
allDeliveryApptCloseoutAcceptType BEGINS				
StatusRequestMsgHeaderInfo	StatusRequestMsgHeaderInfo attribute	-	Required	Refer to this attribute block in Appendix A
Sequence Block BEGINS				

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Mail.XML 12.0A - Complex Type: allDeliveryApptCloseoutAcceptType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ConsigneeGoods Receipt	ConsigneeGoods Receipt data structure in Section 5		Optional 0 to many allowed	The data structure is outlined in Section 5. Refer that section.
UnscheduledConsigneeGoodsReceipt	UnscheduledConsigneeGoodsReceipt		Optional 0 to many allowed	The data structure is outlined in Section 5. Refer that section.
Sequence block ENDS				
allDeliveryApptCloseoutAcceptType ENDS				

7.5 Complex Type: apptBlockGoodsType

ApptBlockGoodsType block is a block that FAST shall send all the closeout information of the appointment to *PostalOne!*

Mail.XML 12.0A - Complex Type: apptBlockGoodsType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
apptBlockGoodsType BEGINS				
MailClass	mailClassType simple type	-	Required 1 to many allowed	Refer to this simple type in Appendix B
DestinationEntry	yesNo simple type	Either Yes or No	Required	This field allows mailers to specify whether the mailing is origin entered or drop ship.
ScheduledConsigneeFacility	consigneeFacilityType complex type	-	Required	Refer to this complex type in Appendix A
ActualConsigneeFacility	consigneeFacilityType complex type	-	Optional	Refer to this complex type in Appendix A

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Mail.XML 12.0A - Complex Type: apptBlockGoodsType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ScheduledAppt	DateTime	YYYY-MM-DDTHH:MM:SS	Required	
ActualTruckArrival	DateTime	YYYY-MM-DDTHH:MM:SS	Optional	
StartTheClockDate	Date	YYYY-MM-DD	Optional	-
ActualStartUnload	DateTime	YYYY-MM-DDTHH:MM:SS	Optional	
ActualEndUnload	DateTime	YYYY-MM-DDTHH:MM:SS	Optional	
ApptStatus	apptStatusType simple type	-	Required	Refer to this simple type in Appendix B
Sequence Block BEGINS				
ContainerID	String 6	-	Optional 0 to many allowed	-
ContainerType	mailXMLContainerType simple type	-	Optional 0 to many allowed	Refer to this simple type in Appendix B
Choice Block BEGINS			Either IMcb or IMtb	
IMcb	IMcbType simple type	-	Optional 0 to many allowed	Refer to this simple type in Appendix B
IMtb	IMtbType simple type	-	Optional 0 to many allowed	Refer to this simple type in Appendix B
IMpb	IMpbType simple type	-	Optional 0 to many allowed	Refer to this simple type in Appendix B
Choice Block ENDS				
Sequence Block ENDS				
ApptMethod	apptMethodType simple type	-	Required	Refer to this simple type in Appendix B

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Mail.XML 12.0A - Complex Type: apptBlockGoodsType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
USPSDetail	uspsDetailType complex type	-	Optional, refer to USPSDetailType	Refer to this complex type in Appendix A
VerificationLocation	verificationLocationType simple type	-	Optional	Refer to this simple type in Appendix B
TransportationMethod	transportationMethodType simple type	-	Optional	Refer to this simple type in Appendix B
ActualTotalPalletCount	nonNegativeInteger	-	Optional	-
ActualPalletCount	actualPalletType complex type	-	Optional 0 to many allowed	Refer to this complex type in Appendix A
Choice Block BEGINS				
EvsSamplingTime	DateTime	YYYY-MM-DDTHH:MM:SS	Optional	
EFileSamplingTime	eFileSamplingTimeType complex type	-	Optional. 0 to many allowed	Refer to this complex type in Appendix A
Choice Block ENDS				
Irregularities	closeoutIrregualritiesType simple type	-	Optional 0 to many allowed	Refer to this simple type in Appendix B
Resolution	closeoutResolutionType simple type	-	Optional 0 to many allowed	Refer to this simple type in Appendix B
ActualBedload	actualBedloadType complex type	-	Optional 0 to many allowed	Refer to this complex type in Appendix A
ExemptionCode	exceptionCodeType simple type	-	Optional 0 to many allowed	Refer to this simple type in Appendix B
apptBlockGoodsType ENDS				

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7.6 Complex Type: apptBlockUnscheduledGoodsType

Mail.XML 12.0A - Complex Type: apptBlockUnscheduledGoodsType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
apptBlockUnscheduledGoodsType BEGINS				
MailClass	mailClassType simple type	-	Required 1 to many allowed	Refer to this simple type in Appendix B
ActualConsigneeFacility	consigneeFacilityType complex type	-	Required	Refer to this complex type in Appendix A
ActualTruckArrival	DateTime	YYYY-MM-DDTHH:MM:SS	Optional	
StartTheClockDate	Date	YYYY-MM-DD	Optional	-
ActualStartUnload	DateTime	YYYY-MM-DDTHH:MM:SS	Optional	
ActualEndUnload	DateTime	YYYY-MM-DDTHH:MM:SS	Optional	
ApptStatus	apptStatusType simple type	-	Required	Refer to this simple type in Appendix B
Irregularities	closeoutIrregualritiesType simple type	-	Optional 0 to many allowed	Refer to this simple type in Appendix B
Resolution	closeoutResolutionType simple type	-	Optional 0 to many allowed	Refer to this simple type in Appendix B
ActualBedload	actualBedloadType complex type	-	Optional 0 to many allowed	Refer to this complex type in Appendix A
ActualTotalPalletCount	NonNegativeInteger	-	Optional	-
ActualPalletCount	actualPalletType complex type	-	Optional 0 to many allowed	Refer to this complex type in Appendix A
apptBlockUnscheduledGoodsType ENDS				

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7.7 Complex Type: apptBlockRequestType

ApptBlockRequestType is a block that contains several blocks with septic information for scheduling an appointment in FAST.

Mail.XML 12.0A - Complex Type: apptBlockRequestType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
apptBlockRequest Type BEGINS				
ConsigneeFacility	consigneeFacility Type complex type	-	Required	Refer to this complex type in Appendix A
PreferredAppt	dateTime	-	Required	-
OptionalAppt	optionalApptType complex type	-	Optional. 0 to many allowed	Refer to this complex type in Appendix A
Comment	Strign 256	-	Optional	-
apptBlockRequest Type ENDS				

7.8 Complex Type: apptBlockUpdateType

Mail.XML 12.0A - Complex Type: apptBlockUpdateType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
apptBlockUpdate Type BEGINS				
ConsigneeFacility	consigneeFacility Type complex type	-	Required	Refer to this complex type in Appendix A
PreferredAppt	dateTime	-	Required	-
OptionalAppt	dateTime	-	Optional. 0 to many allowed	-
ETA	dateTime	-	Optional	-
Comment	Strign 256	-	Optional	-
apptBlockUpdate Type ENDS				

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7.9 Complex Type: apptInfoType

Mail.XML 12.0A - Complex Type: apptBlockUpdateType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
apptInfoType BEGINS				
sequence BEGINS				
ApptConsigneeID	s12			
ApptState	apptStateType			
ScheduledAppt				
ActualTruckArrival				
ActualStartUnload			Optional	
ActualEndUnload			Optional	
ApptCloseOutDetail	apptCloseoutDetailType			
Sequence ENDS				
complexType ENDS				

7.10 Complex Type: availableSlotType

AvailableSlotType block is a block that provides specific information about available date/time for scheduling appointments at the facility requested.

Mail.XML 12.0A - Complex Type: availableSlotType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
availableSlotType BEGINS				
MailClass	mailClassType simple type	-	Required 1 to many allowed	Refer to this simple type in Appendix B
Perishable	Mailxml_base:yesNo	-	Optional	-
AvailableHours	availableHourType complex type	-	Required 1 to many allowed	Refer to this complex type in Appendix A
availableSlotType ENDS				

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7.11 Complex Type: availableHourType

AvailableHourType block is a block that provides specific information about available date/time for scheduling appointments at the facility requested.

Mail.XML 12.0A - Complex Type: availableHourType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
availableHourType BEGINS				
PreferredAppt (as attribute)	DateTime	YYYY-MM-DDTHH:MM:SS	Optional (attribute)	-
AvailableSlots	String 2	-	Optional (attribute)	-
availableHourType ENDS				

7.12 Complex Type: basicReturnInfoType

Mail.XML 12.0A - Complex Type: basicReturnInfoType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
basicReturnInfoType BEGINS				
Sequence Block BEGINS			Optional 0 to many blocks are allowed	
ReturnCode	Numeric String 4	Only numeric string allowed	Optional	-
ReturnDescription	String 260	-	Required	-
ContainerErrorWarningBlock	containerErrorWarningBlockType complex type	-	Optional	Refer to this complex type in Appendix A
Sequence Block ENDS				
basicReturnInfoType ENDS				

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7.13 Complex Type: bedloadUnitType

BedloadUnitType is a block that provides specific information for the handling unit and type for bedload content.

Mail.XML 12.0A - Complex Type: bedloadUnitType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
bedloadUnitType BEGINS				
USPSContainerInfo	uspsContainerInfoType complex type	-	Optional	Refer to this complex type in Appendix A
Choice Block BEGINS			Required Choice block 1 to many allowed One of the following blocks are required: Sacks; Trays; Parcels; Bundles	
Sacks	bedloadHandlingUnitType complex type	-	Required	Refer to this complex type in Appendix A
Trays	trayHandlingUnitType complex type	-	Required	Refer to this complex type in Appendix A
Parcels	bedloadHandlingUnitType complex type	-	Required	Refer to this complex type in Appendix A
Bundles	bedloadHandlingUnitType complex type	-	Required	Refer to this complex type in Appendix A
Sequence Block ENDS				
bedloadUnitType ENDS				

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7.14 Complex Type: bedloadHandlingUnitType

BedloadHandlingUnitType provides the specific presort level count of bedload for each content when scheduling the appointment in FAST.

Mail.XML 12.0A - Complex Type: bedloadHandlingUnitType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
bedloadHandlingUnitType BEGINS				
Count (as attribute)	nonNegativeInteger		Required (attribute)	
PreSortLevel Block BEGINS				
MaildatCode (as attribute)	ContainerLevelType simple type	-	Required	Refer to this simple type in Appendix B
Count (as attribute)	nonNegativeInteger	-	Required	-
PreSortLevel Block ENDS				
IMpb	IMpbType simple type	-	Optional	Refer to this simple type in Appendix B
IMtb	IMtbType simple type	-	Optional	Refer to this simple type in Appendix B
bedloadHandlingUnitType ENDS				

7.15 Attribute Type: CancelCreateMsgHeaderInfo

Mail.XML 12.0A - Attribute Type: CancelCreateMsgHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
CancelCreateMsgHeaderInfo BEGINS			Attributes block	
ShipperApptRequestID	Mailxml_base:s12		Required	
ConsigneeApptID	Mailxml_base:s12		Optional	
SchedulerID	Mailxml_base:s12		Optional	
SchedulerCorpID	Mailxml_base:s12		Optional	
SchedulerCRID	Mailxml_base:CRIDType		Optional	Refer “CRIDType” simple type in Appendix B

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Mail.XML 12.0A - Attribute Type: CancelCreateMsgHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ShipperMultiStopID	Mailxml_base:s12		Optional	
ConsigneeMultiStopID	Mailxml_base:s12		Optional	
ShipperStopNumber	Mailxml_base:ns06		Optional	
ApptType	Mailxml_base:apptTypeType		Required	Refer "apptTypeType" simple type in Appendix B
PickupOrDelivery	Mailxml_base:pickupOrDeliveryType		Optional	Refer "PickupOrDeliveryType" simple type in Appendix B
PalletPositionCount	Mailxml_base:ns02		Optional	
TransferAllContent	Mailxml_base:yesNo	-	Required	This flag indicate whether content of the previously message should be transferred for use in new create message.
CancelCreateMsgHeaderInfo ENDS				

7.16 Complex Type: carrierType

CarrierType is a block that contains information for the carrier or transporter of the mail.

Mail.XML 12.0A - Complex Type: carrierType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
carrierType BEGINS				
CarrierName	String, 40 characters		Required	
CarrierAddress	addressType complex type		Optional	Refer to this complex type in Appendix A below
URL	Xs:anyURL		Optional	

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Mail.XML 12.0A - Complex Type: carrierType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
CommonContact	commonContactType complex type		Optional. 0 to many allowed	Refer to this complex type in Appendix A below
carrierType ENDS				

7.17 Complex Type: containerErrorWarningBlockType

Mail.XML 12.0A - Complex Type: containerErrorWarningBlockType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
containerErrorWarningBlockType BEGINS				
ConsigneeContainerGroupingID	String 16	-	Optional	-
ConsigneeContentID	String 12	-	Optional	Refer to this simple type in Appendix B
ShipperContainerGroupingID	String 16	-	Optional	-
IMcb	IMcbType simple type	-	Optional	Refer to this simple type in Appendix B
IMtb	IMtbType simple type	-	Optional	Refer to this simple type in Appendix B
IMpb	IMpbType simple type	-	Optional	Refer to this simple type in Appendix B
MailContentName	String 30	-	-	-
SchedulerContentID	String 12	-	-	-
containerErrorWarningBlockType ENDS				

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7.18 Complex Type: contentCancelType

ContentCancelType is a block that provides specific content information to cancel the unwanted contents.

Mail.XML 12.0A - Complex Type: contentCancelType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
contentCancelType BEGINS				
Attribute Block BEGINS				
SchedulerContentID	String, 12 characters		Required (attribute)	
ConsigneeContentID	String, 12 characters		Required (attribute)	
ConsigneeApptID	String, 12 characters		Optional (attribute)	
Attribute block ENDS				
ReturnInfo	optreturnInfoType complex type	-	Optional	Refer to this complex type in Appendix A
contentCancelType ENDS				

7.19 Complex Type: contentDetailInfoType

ContentDetailInfoType is a block that contains several blocks of information including a block for content information in FAST.

Mail.XML 12.0A - Complex Type: contentDetailInfoType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
contentDetailInfoType BEGINS				
Attribute Block BEGIN				
LogisticsSchedulerID	String, 12 characters		Optional (attribute)	
LogisticsCorpID	String, 12 characters		Optional (attribute)	

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Mail.XML 12.0A - Complex Type: contentDetailInfoType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
LogisticsSchedulerCRID	CRIDType simple type	-	Optional	Refer to this simple type in Appendix B
Attribute Block ENDS				
ShipperContainerGroupingID	String 16	-	Optional	-
ConsigneeContainerGroupingID	String, 16 characters	-	Optional	-
ShipperGroupingIDDescription	String, 50 characters	-	Optional	-
ScheduledInductionDate	Date	YYYY-MM-DD	Optional	-
NumberofDaysStale	Numeric String 2	-	Optional	-
Choice Block BEGINS			Either Maildat Summary or ContentUSPSSummary block data is required. User can provide 1 to many blocks	
MailDatSummary	maildatSummaryType complex type		Required	Refer to this complex type in Appendix A
ContentUSPSSummary	contentUSPSSummaryType complex type		Required	Refer to this complex type in Appendix A
Choice Block ENDS				
contentDetailInfoType ENDS				

7.20 Complex Type: contentDetailInfoUpdateType

Mail.XML 12.0A - Complex Type: contentDetailInfoUpdateType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
contentDetailInfoUpdateType BEGINS				

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Mail.XML 12.0A - Complex Type: contentDetailInfoUpdateType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
Attribute Block BEGIN				
LogisticsSchedulerID	String, 12 characters		Optional (attribute)	
LogisticsCorpID	String, 12 characters		Optional (attribute)	
LogisticsSchedulerCRID	CRIDType simple type	-	Optional	Refer to this simple type in Appendix B
Attribute Block ENDS				
ShipperContainerGroupingID	String 16	-	Optional	-
ConsigneeContainerGroupingID	String, 16 characters	-	Optional	-
ShipperGroupingIDDescription	String, 50 characters	-	Optional	-
ScheduledInductionDate	Date	YYYY-MM-DD	Optional	-
Choice Block BEGINS			Either Maildat Summary or ContentUSPSSummary block data is required. User can provide 1 to many blocks	
MailDatSummary	maildatSummaryType complex type		Required	Refer to this complex type in Appendix A
ContentUSPSSummary	contentUSPSSummaryType complex type		Required	Refer to this complex type in Appendix A
Choice Block ENDS				
contentDetailInfoUpdateType ENDS				

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7.21 Complex Type: contentUSPSSummaryType

contentUSPSSummaryType is a block that contains specific information and other blocks for a content when scheduling an appointment in FAST.

Mail.XML 12.0A - Complex Type: contentUSPSSummaryType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
contentUspsSummaryUpdateType BEGINS				
Attribute block BEGINS				
SchedulerContentID	String, 12 characters		Required (attribute)	
ConsigneeContentID	String. 12 characters		Optional (attribute)	
Attribute block ENDS				
DestinationDiscountIndicator	Mailxml_base:yesNo	Only Yes or No allowed	Required	Refer to this simple type in Appendix B
ZoneSkippingIndicator	Mailxml_base:yesNo	Only Yes or No allowed	Required	Refer to this simple type in Appendix B
FullServiceIndicator	Mailxml_base:yesNo	Only Yes or No allowed	Optional	Refer to this simple type in Appendix B
Pallets	palletUnitType complex type	-	Optional 0 to many allowed	Refer to this complex type in Appendix A
Bedload	bedloadUnitType complex type	-	Optional	Refer to this complex type in Appendix A
Perishable	Mailxml_base:yesNo	Only Yes or No allowed	Required	Refer to this simple type in Appendix B
MailClass	mailClassType simple type	See simple type values	Required	Refer to this simple type in Appendix B
RateType	RateType simple type	See simple type values	Optional	Refer to this simple type in Appendix B

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Mail.XML 12.0A - Complex Type: contentUSPSSummaryType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
InHomeStart	dateTime	YYYY-MM-DDTHH:MM:SS	Optional	
InHomeEnd	dateTime	YYYY-MM-DDTHH:MM:SS	Optional	
ProcessingCategory	processingCategoryType simple type	-	Required	Refer to this simple type in Appendix B
PriorityMailIndicator	Mailxml_base:yesNo	Only Yes or No allowed	Required	Refer to this simple type in Appendix B
VerificationLocation	verificationLocationType simple type	-	Required	Refer to this simple type in Appendix B
NewsIndicator	Mailxml_base:yesNo	Only Yes or No allowed	Required	Refer to this simple type in Appendix B
EvsIndicator	Mailxml_base:yesNo	Only Yes or No allowed	Optional	Refer to this simple type in Appendix B
MailContentName	String, 30 characters		Optional	
MailPreparerID	String, 12 characters		Optional	
MailPreparerCRID	CRIDTYpe simple type	-	Optional	Refer to this simple type in Appendix B
AdvanceMailingID	String, 9 characters		Optional 0 to many allowed	
EFileNumber	String, 22 characters		Optional	
ContainsAutoMail	Mailxml_base:yesNo	Only Yes or No allowed	Optional	Refer to this simple type in Appendix B
contentUspsSummaryUpdateTypeENDS				

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7.22 Complex Type: commonContactType

Mail.XML 12.0A - Complex Type: commonContactType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
commonContact Type BEGINS				
ContactType	Mailxml_base:contactType	-	Required Attribute	Refer to this simple type in Appendix B
ContactName	String 60	Only string	Required	-
Telephone	Mailxml_base:phoneNumberType	This is a simple type	Optional	Refer to this simple type in Appendix B
MobilePhone	Mailxml_base:phoneNumberType	This is a simple type	Optional	Refer to this simple type in Appendix B
Email	Mailxml_base:emailType	This is a simple type	Optional	Refer to this simple type in Appendix B
Fax	Mailxml_base:phoneNumberType	This is a simple type	Optional	Refer to this simple type in Appendix B
GPSCoordinate	GPSCoordinate complex type	-	Optional	Refer to this complex type in Appendix A below
ContactID	ContactIDType complex type	-	Optional 0 to many allowed	Refer to this complex type in Appendix A below
commonContact Type ENDS				

7.23 Complex Type: consigneeFacilityType

ConsigneeFacilityType is a block that provides Facility information where mailers should drop their mail.

Mail.XML 12.0A - Complex Type: consigneeFacilityType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
consigneeFacility Type BEGINS				
CompanyName	String, 40 characters		Required	

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Mail.XML 12.0A - Complex Type: consigneeFacilityType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
Choice Block BEGINS				
Sequence Block BEGINS				
FacilityNumber	String, 15 characters		Required	
FacilityAddress	addressType complex type		Optional, refer to AddressType	Refer to this complex type in Appendix A
Sequence Block ENDS				
Choice Block ENDS				
FacilityName	String, 40 characters		Optional	
FacilityType	String, 15 characters		Optional	
URL	Xs:anyURL		Optional	
CommonContact	commonContact Type complex type		Optional 0 to many allowed	Refer to this complex type in Appendix A
consigneeFacility Type ENDS				

7.24 Complex Type: ContactIDType

Mail.XML 12.0A - Complex Type: ContactIDType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ContactIDType BEGINS				
IDValue	String 30	-	Required when ContactIDType block is provided	-
IDValueType	Mailxml_base:ID Type simple type	-	Required when ContactIDType block is provided	Refer to this simple type in Appendix B
ContactIDType ENDS				

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7.25 Attribute Type: contentAssignmentRequestMsgHeaderInfo

Mail.XML 12.0A - Attribute Type: contentAssignmentRequestMsgHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
contentAssignmentRequestMsgHeaderInfo BEGINS			Attributes block	
SchedulerID	Mailxml_base:s12		Optional	
SchedulerCorpID	Mailxml_base:s12		Optional	
SchedulerCRID	Mailxml_base:CRIDType		Optional	Refer "CRIDType" simple type in Appendix B
MailerID6	mailerID6Type simple type		Optional	Refer to this simple type in Appendix B
MailerID9	mailerID9Type simple type		Optional	Refer to this simple type in Appendix B
contentAssignmentRequestMsgHeaderInfo ENDS				

7.26 Complex Type: csaInfoType

Mail.XML 12.0A - Complex Type: csaInfoType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
csaInfoType BEGINS				
CSAEffectiveDate (as attribute)	Date	-	Optional	-
CSAStatus	csaStatusType simple type	-	Optional	Refer to this simple type in Appendix B
Sequence Block BEGINS				
CSADispatch	csaDispatchType complex type	-	Required 1 to many allowed	Refer to this complex type in Appendix A

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Mail.XML 12.0A - Complex Type: csaInfoType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ReturnInfo	basicReturnInfoType complex type	-	Optional	Refer to this complex type in Appendix A
Sequence Block ENDS				
csaInfoType ENDS				

7.27 Complex Type: csaDispatchType

Mail.XML 12.0A - Complex Type: csaDispatchType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
csaDispatchType BEGINS				
CSATemplate (as attribute)	csaTemplateType simple type	-	Optional	Refer to this simple type in Appendix B
DispatchTime	Time	-	Optional	-
ArrivalTime	String 5	-	Optional	-
DaysOfWeek	daysOfWeekType simple type	-	Optional	Refer to this simple type in Appendix B
Trip Number	Numeric String 5	-	Optional	-
RecurringApptSeqID	String 6	-	Optional	-
USPSPublication ID	String 8	-	Optional	-
TripVolume	Numeric 3	-	Optional	-
ContainerDestinationZipCode	String 11	-	Optional 0 to many allowed	-
FacilityLocaleKey	String 6	-	Required	-
MailClass	mailClassType simple type	-	Required	Refer to this simple type in Appendix B
PackageServiceSubClass	PackageServicesType simple type	-	Optional	Refer to this simple type in Appendix B

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Mail.XML 12.0A - Complex Type: csaDispatchType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ProcessingCategory	ProcessingCategory simple type	-	Required	Refer to this simple type in Appendix B
ProcessingCode	processingCode simple type	-	Optional	Refer to this simple type in Appendix B
ProcessingCodeLabel	String 20	-	Optional	-
MinimumLoadForContainer	Numeric 2	-	Optional	-
ContainerReadyTIme	Time	-	Optional	-
SeparationNumber	Numeric 3	-	Optional	-
LabelTo	String 25	-	Optional	-
LabelToZip	String 5	-	Optional	-
CriticalAcceptanceTime	String 5	-	Optional	-
csaDispatchType ENDS				

7.28 Attribute Type: CustomerSupplierAgreementQueryMsgHeaderInfo

Mail.XML 12.0A - Attribute Type: CustomerSupplierAgreementQueryMsgHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
CustomerSupplierAgreementQueryMsgHeaderInfo BEGINS			Attributes block	
OwnerCRID	String 10	-	Optional	-
CSAID	String 10	-	Optional	-
CustomerSupplierAgreementQueryMsgHeaderInfo ENDS				

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7.29 Complex Type: deliveryApptAcceptType

DeliveryApptAcceptType is a successful response block that returns the accepted appointment information to the sender of the message.

Mail.XML 12.0A - Complex Type: deliveryApptAcceptType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
deliveryApptAcceptType BEGINS				
ResponseMsgHeaderInfo	ResponseMsgHeaderInfo attribute block	-	Required	Refer to this attribute in Appendix A
Sequence Block BEGINS				
DestinationEntry	yesNo simple type	Only Yes or No	Required	To allow mailers to specify whether the mailing is origin entered or drop ship.
Choice Block BEGINS				
RecurringAppt	recurringApptType complex type	-	Required	Refer to this complex type in Appendix A
OneTimeAppt	oneTimeApptType complex type	-	Required	Refer to this complex type in Appendix A
Choice Block ENDS				
DetailInfo	DetailInfoType complex type	-	Required 1 to many allowed	Refer to this complex type in Appendix A
TrailerInfo	trailerInfoType complex type	-	Optional.	Refer to this complex type in Appendix A
ConsigneeFacility	consigneeFacilityType complex type	-	Required	Refer to this complex type in Appendix A
Comment	String 256	-	Optional	-
ReturnInfo	returnInfoType complex type	-	Optional	Refer to this complex type in Appendix A

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Mail.XML 12.0A - Complex Type: deliveryApptAcceptType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
Sequence Block ENDS				
deliveryApptAcceptType ENDS				

7.30 Complex Type: deliveryApptUpdateAcceptType

Mail.XML 12.0A - Complex Type: deliveryApptUpdateAcceptType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
deliveryApptUpdateAcceptType BEGINS				
ResponseMsgHeaderInfo	ResponseMsgHeaderInfo attribute block	-	Required	Refer to this attribute in Appendix A
Sequence Block BEGINS				
DestinationEntry	yesNo simple type	Either Yes or No	Required	This field allows mailers to specify whether the mailing is origin entered or drop ship.
Choice Block BEGINS				
RecurringAppt	recurringApptType complex type	-	Required	Refer to this complex type in Appendix A
OneTimeAppt	oneTimeApptType complex type	-	Required	Refer to this complex type in Appendix A
Choice Block ENDS				
DetailInfo	DetailInfoType complex type	-	Required 1 to many allowed	Refer to this complex type in Appendix A
TrailerInfo	trailerInfoType complex type	-	Optional.	Refer to this complex type in Appendix A

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Mail.XML 12.0A - Complex Type: deliveryApptUpdateAcceptType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ConsigneeFacility	consigneeFacility Type complex type	-	Required	Refer to this complex type in Appendix A
Comment	String 256	-	Optional	-
ReturnInfo	returnInfoType complex type	-	Optional	Refer to this complex type in Appendix A
Sequence Block ENDS				
deliveryApptUpdateAcceptType ENDS				

7.31 Complex Type: deliveryApptShellAcceptType

DeliveryApptShellAcceptType is a successful response block with the appointment shell information that returns to the sender of the message.

Mail.XML 12.0A - Complex Type: deliveryApptShellAcceptType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
deliveryApptShellAcceptType BEGINS				
RequestMsgHeaderInfo Attribute block	-	-	Attribute block	Refer to this attribute in Appendix A
ConsigneeFacility	ConsigneeFacility Type complex type		Required, refer to ConsigneeFacilityType	Refer to this complex type in Appendix A
Choice Block BEGINS			Either RecurringAppt block or OneTimeAppt block data be provided	-
RecurringAppt	RecurringApptType complex type		Required, refer to RecurringApptType	Refer to this complex type in Appendix A
OneTimeAppt	oneTimeApptType complex type		Required, refer to OneTimeApptType	Refer to this complex type in Appendix A

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Mail.XML 12.0A - Complex Type: deliveryApptShellAcceptType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
Choice Block ENDS				
TrailerInfo	TrailerInfoType complex type		Optional	Refer to this complex type in Appendix A
DestinationEntry	Mailxml_base:yesNo	Only Yes or No	Required	Refer to this simple type in Appendix B
MailClass	Mailxml_base:mailClassType		Required 1 to many allowed	Refer to this simple type in Appendix B
ReturnInfo	ReturnInfoType complex type		Optional	Refer to this complex type in Appendix A
deliveryApptShellAcceptType ENDS				

7.32 Complex Type: deliveryApptShellRejectType

DeliveryApptShellRejectType is a reject response block with the appointment information and reject reason(s) that returns to the sender of the message.

Mail.XML 12.0A - Complex Type: deliveryApptShellRejectType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryApptShellRejectType BEGINS				
RequestMsgHeaderInfo Attribute block	-	-	Attribute block	Refer to this attribute in Appendix A
Sequence Block BEGINS				
DestinationEntry	Mailxml_base:yesNo	Only yes or No	-	Refer to this simple type in Appendix B
ReturnInfo	ReturnInfoType complex type		Required	Refer to this complex type in Appendix A

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Mail.XML 12.0A - Complex Type: deliveryApptShellRejectType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
Sequence Block ENDS				
DeliveryApptShellRejectType ENDS				

7.33 Complex Type: deliveryApptUpdateRejectType

Mail.XML 12.0A - Complex Type: deliveryApptUpdateRejectType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryApptUpdateRejectType BEGINS				
ResponseMsgHeaderInfo Attribute block	ResponseMsgHeaderInfo Attribute block	-	Attribute block	Refer to this attribute in Appendix A
ReturnInfo	ReturnInfoType complex type		Required	Refer to this complex type in Appendix A
DeliveryApptUpdateRejectType ENDS				

7.34 Complex Type: deliveryContentUpdatedType

Mail.XML 12.0A - Complex Type: deliveryContentUpdatedType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
deliveryContentUpdatedType BEGINS				
DeliveryContentUpdateHeaderInfo	DeliveryContentUpdateHeaderInfo attribute	-	Required	Refer to this attribute block in Appendix A
ConsigneeFacility	consigneeFacilityType complex type	-	Optional	Refer to this complex type in Appendix A
DestinationEntry	Mailxml_base:yesNo	Only yes or now allowed	Required	Refer to this simple type in Appendix B

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Mail.XML 12.0A - Complex Type: deliveryContentUpdatedType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
Choice Block BEGINS		Required block		
ContentDetailInfo Update	contentDetailInfo UpdateType complex type	-	Required 1 to many allowed	Refer to this complex type in Appendix A
Sequence Block BEGINS		Required 1 to many allowed		
ContentCancelled	Mailxml_base:yes No	Only yes or now allowed	Required	Refer to this simple type in Appendix B
ContentCancelInfo	contentCancelType complex type	Required	-	Refer to this complex type in Appendix A
Sequence block ENDS				
Choice Block ENDS				
ReturnInfo	returnInfoType complex type	-	Optional	Refer to this complex type in Appendix A
Sequence Block ENDS				
deliveryContentUpdatedType ENDS				

7.35 Complex Type: deliveryContentAcceptType

DeliveryContentAcceptType is a successful content response block that provides information about the content for the sender of the content request message.

Mail.XML 12.0A - Complex Type: deliveryContentAcceptType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryContentAcceptType BEGINS				
DeliveryContentHeaderInfo attribute block	DeliveryContentHeaderInfo attribute block		Attributes block	Refer to this attribute block in Appendix A

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Mail.XML 12.0A - Complex Type: deliveryContentAcceptType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ConsigneeFacility	mailxml: ConsigneeFacility Type		Optional	Refer 'ConsigneeFacility' complex type in Appendix A
DestinationEntry	Mailxml_base:yesNo	Only Yes or No	Required	This is a boolean type simple type
ContentDetailInfo	mailxml: ContentDetailInfo Type		Required 1 to many allowed	Refer 'ContentDetailInfo' complex type in Appendix A
ReturnInfo	returnInfoType complex type		Optional	Refer to this complex type in Appendix A
DeliveryContentAcceptType ENDS				

7.36 Complex Type: DeliveryContentRejectType

DeliveryContentRejectType is a reject response block that contains several blocks with specific content information and the reject reason(s) for scheduling the content in FAST.

Mail.XML 12.0A - Complex Type: DeliveryContentRejectType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryContentRejectType BEGINS				
DeliveryContentHeaderInfo attribute block	DeliveryContentHeaderInfo attribute block		Attributes block	Refer to this attribute block in Appendix A
Sequence Block BEGINS				
DestinationEntry	Mailxml_base:yesNo	Only Yes or No	Required	This is a boolean type simple type
ReturnInfo	returnInfoType complex type		Optional	Refer to this complex type in Appendix A
Sequence Block ENDS				
DeliveryContentRejectType ENDS				

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7.37 Complex Type: DeliveryContentUpdateAcceptType

Mail.XML 12.0A - Complex Type: DeliveryContentUpdateAcceptType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryContentUpdateAcceptType BEGINS				
DeliveryContentUpdateHeaderInfo attribute block	DeliveryContentUpdateHeaderInfo attribute block		Attributes block	Refer to this attribute block in Appendix A
ConsigneeFacility	mailxml: ConsigneeFacility Type		Optional	Refer 'ConsigneeFacility' complex type in Appendix A
DestinationEntry	Mailxml_base:yes No	Only Yes or No	Required	This is a boolean type simple type
ContentDetailInfo Update	mailxml: ContentDetailInfo UpdateType		Required 1 to many allowed	Refer to this complex type in Appendix A
ReturnInfo	returnInfoType complex type		Optional	Refer to this complex type in Appendix A
DeliveryContentUpdateAcceptType ENDS				

7.38 Complex Type: DeliveryContentUpdateRejectType

Mail.XML 12.0A - Complex Type: DeliveryContentUpdateRejectType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryContentUpdateRejectType BEGINS				
DeliveryContentUpdateHeaderInfo attribute block	DeliveryContentUpdateHeaderInfo attribute block		Attributes block	Refer to this attribute block in Appendix A
Sequence Block BEGINS				
DestinationEntry	Mailxml_base:yes No	Only Yes or No	Required	This is a boolean type simple type

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Mail.XML 12.0A - Complex Type: DeliveryContentUpdateRejectType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ReturnInfo	returnInfoType complex type		Optional	Refer to this complex type in Appendix A
Sequence Block ENDS				
DeliveryContentUpdateRejectType ENDS				

7.39 Attribute Type: DeliveryContentHeaderInfo

Mail.XML 12.0A - Attribute Type: DeliveryContentHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryContentHeaderInfo BEGINS			Attributes block	
ConsigneeApptID	String, 12 characters		Optional	
SchedulerID	String, 12 characters		Optional	
SchedulerCorpID	String, 12 characters		Optional	
SchedulerCRID	CRIDType simple type	-	Optional	Refer to this simple type in Appendix B
DeliveryContentHeaderInfo ENDS				

7.40 Attribute Type: DeliveryContentUpdateHeaderInfo

Mail.XML 12.0A - Attribute Type: DeliveryContentUpdateHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryContentUpdateHeaderInfo BEGINS			Attributes block	
ConsigneeApptID	String, 12 characters		Optional	
SchedulerID	String, 12 characters		Optional	

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Mail.XML 12.0A - Attribute Type: DeliveryContentUpdateHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
SchedulerCorpID	String, 12 characters		Optional	
SchedulerCRID	CRIDType simple type	-	Optional	Refer to this simple type in Appendix B
FullContentReplacement	Mailxml_base:yesNo	Only yes or no is allowed	This is a flag by which user can indicate whether the message will replace the full content	-
DeliveryContentUpdateHeaderInfo ENDS				

7.41 Attribute Type: DeliveryContentQueryMsgHeaderInfo

Mail.XML 12.0A - Attribute Type: DeliveryContentQueryMsgHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryContentQueryMsgHeaderInfo BEGINS			Attributes block	
ConsigneeApptID	String, 12 characters		Optional	
SchedulerID	String, 12 characters		Optional	
SchedulerCorpID	String, 12 characters		Optional	
SchedulerCRID	CRIDType simple type	-	Optional	Refer to this simple type in Appendix B
SchedulerContentID	String 12	-	Optional	-
ConsigneeContentID	String 12	-	Optional	-
RetrieveContentUpdatedStartDate	Date	-	Optional	-
RetrieveContentUpdatedEndDate	Date	-	Optional	-

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Mail.XML 12.0A - Attribute Type: DeliveryContentQueryMsgHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryContentQueryMsgHeaderInfo ENDS				

7.42 Attribute Type: DeliveryContentHeaderInfoCancel

Mail.XML 12.0A - Attribute Type: DeliveryContentHeaderInfoCancel				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliveryContentHeaderInfoCancel BEGINS			Attributes block	
SchedulerID	String, 12 characters		Optional	
SchedulerCorpID	String, 12 characters		Optional	
SchedulerCRID	CRIDType simple type	-	Optional	Refer to this simple type in Appendix B
DeliveryContentHeaderInfoCancel ENDS				

7.43 Complex Type: DeliverySummaryType

Mail.XML 12.0A - Complex Type: DeliverySummaryType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliverySummary Type BEGINS				
ConsigneeFacility	mailxml: ConsigneeFacility Type		Optional	Refer to 'ConsigneeFacility' complex type in Appendix A
DestinationEntry	Mailxml_base:yesNo	Yes or No	Required	Allows mailers to specify the mail as origin entered or drop ship.
ContentDetailInfo	ContentDetailInfo Type complex type		Optional 0 to many allowed	Refer to 'ContentDetailInfo' complex type in Appendix A

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Mail.XML 12.0A - Complex Type: DeliverySummaryType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DeliverySummary Type ENDS				

7.44 ComplexType: detailInfoType

DetailInfotype is a block that contains several blocks of information including a block for content information in FAST.

Mail.XML 12.0A - ComplexType: detailInfoType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
DetailInfoType BEGINS			Optional	
ShipperContainer GroupingID	String, 16 characters		Optional	
ConsigneeContainerGroupingID	String, 16 characters		Optional	
StartTheClockDate	Date	-	Optional	-
ShipperGroupingIDDescription	String, 50 characters	-	Optional	-
Choice block BEGINS			Required 1 to many allowed	
MailDatSummary	mailDatSummary Type complex type	-	Required	Refer to this complex type in Appendix A
USPSSummary	uspsSummaryType complex type	-	Required	Refer to this complex type in Appendix A

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Mail.XML 12.0A - ComplexType: detailInfoType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ConsigneeContentID	String 12	-	Required The reason for ConsigneeContentID outside of the USPSSummary block will allow Schedulers to associate Stand-Alone content without updating any content level information. All messages besides DeliveryApptCreateRequest, DeliveryApptUpdateRequest, DeliveryApptQueryRequest, and DeliveryApptCancelCreate request will ignore this field	-
Choice Block ENDS				
DetailInfoType ENDS				

7.45 Complex Type: eFileSamplingTimeType

Mail.XML 12.0A - Complex Type: eFileSamplingTimeType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
eFileSamplingTimeType BEGINS				
EFileNumber	String 22	-	Required	-
EFileSamplingTime	dateTime	-	Required	-
eFileSamplingTimeType ENDS				

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7.46 Complex Type: GPSCoordinates

GPSCoordinates is a block that provides additional information for the Facility information block.

Mail.XML 12.0A – Complex Type: GPSCoordinates				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
GPSCoordinates BEGINS				
GPS System	gpsSystemType simple type		Optional(attribute)	Refer to this simple type in Appendix B
Sequence Block BEGINS				
Latitude	dec18-8		Required	Refer to this simple type in Appendix B
Longitude	dec18-8		Required	Refer to this simple type in Appendix B
Height	MeasurementType complex type		Optional, refer to measurementType	Refer in Appendix A below
Sequence Block ENDS				
GRPSCoordinate ENDS				

7.47 Attribute Type: LargeTransactionDividerGroupOptionalType

Mail.XML 12.0A - Attribute Type: LargeTransactionDividerGroupOptionalType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
LargeTransactionDividerGroupOptionalType BEGINS			Attributes block	
MessageGroupID	String 20	-	Optional	-
TotalMessageCount	positiveInteger	-	Optional	-
MessageSerialNumber	positiveInteger	-	Optional	-
TransmittedRecordCount	positiveInteger	-	Optional	-
TotalRecordsAcrossMessages	positiveInteger	-	Optional	-

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Mail.XML 12.0A - Attribute Type: LargeTransactionDividerGroupOptionalType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
LastMessage	Mailxml_base:yes No	Only yes or no allowed	Indicates whether the record is last set as prt of the response message.	-
LargeTransaction DividerGroupOpti onalType ENDS				

7.48 ComplexType: MailDatSummaryType

MailDatSummary is a block that the mailers can send to *PostalOne!*, and *PostalOne!* will generate the USPSSummary block off of it

Mail.XML 12.0A - ComplexType: MailDatSummaryType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
MailDatSummary Type BEGINS				
Attribute Block BEGINS			Required	
IncludedInSumma rizationBlock	Mailxml_base:yes No	Only Yes or No allowed	Optional, (Attribute)	Refer to this simple type in Appendix B
SchedulerContent ID	String, 12 characters		Optional (Attribute)	
Attribute Block ENDS				
UserLicenseCode	userLicenseCode Type simple type	-	Required	Refer to this simple type in Appendix B
MailDatJobID	jobIDType simple type	-	Required	Refer to this simple type in Appendix B
DatabaseContain erID	mailxml_base:dat abaseContainerID Type	-	Required	Refer to this simple type in Appendix B
IMcb	mailxml_base:IMc bType	-	Optional	Refer to this simple type in Appendix B
VerificationZip4	Numeric String, 9 characters	Only numbers from 0 to 9 are allowed	Optional	-

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Mail.XML 12.0A - ComplexType: MailDatSummaryType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
IMpb	IMpbType simple type	-	Optional	Refer to this simple type in Appendix B
IMtb	IMtbType simple type	-	Optional	Refer to this simple type in Appendix B
MailDatSummary Type ENDS				

7.49 Attribute Type: MailXMLHeaderInfo

Mail.XML 12.0A - Attribute Type: MailXMLHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
MailXMLHeaderInfo BEGINS			Attributes block	
CustomerGroupID	String 25	-	Optional Applies to Mail.XML submissions	-
MailingGroupID	nonNegativeInteger	-	Optional Applies to Mail.XML submissions	-
MaildatJobID	jobIDType simple type	-	Optional. Applies to Mail.dat files	Refer to this simple type in Appendix B
UserLicenseCode	userLicenseCode Type simple type	-	Optional. Applies to Mail.dat files.	Refer to this simple type in Appendix B
MailXMLHeaderInfo ENDS				

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7.50 ComplexType: OneTimeApptType

OneTimeAppt block provides information to create appointment date/time when scheduling the appointment in FAST system

Mail.XML 12.0A - ComplexType: OneTimeApptType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
OneTimeApptType BEGINS			Required	
PreferredAppt	dateTime	YYYY-MM-DDTHH:MM:SS	Required	
OptionalAppt	optionalApptType complex type		Optional 0 to many allowed	Refer to this compex type in Appendix A below
OneTimeApptType ENDS				

7.51 ComplexType: OptionalApptType

OptionalAppt will be used to generate the appointment date/time if the OneTimeAppt block is invalid or not available.

Mail.XML 12.0A - ComplexType: OptionalApptType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
OptionalAppt BEGINS			Optional	
Start	dateTime	YYYY-MM-DDTHH:MM:SS	Required	
End	dateTime	YYYY-MM-DDTHH:MM:SS	Required	
OptionalAppt ENDS				

7.52 ComplexType: palletUnitType

PalletUnitType provides the Pallet count for each content (USPSSummary block)

Mail.XML 12.0A - ComplexType: palletUnitType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
palletUnitType BEGINS			Required	
Attribute Block BEGINS			Required	

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Mail.XML 12.0A - ComplexType: palletUnitType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
Count	nonNegativeInteger		Required, (Attribute)	
HandlingUnitType	palletHandlingUnitType simple type	-	Required (Attribute)	Refer to this simple type in Appendix B
PalletType	palletType simple type		Required (Attribute)	Refer to this simple type in Appendix B
Attribute BlockENDS				
Choice Block BEGINS			Either PalletpresortLevel block or USPSContainerInfo block data is required	
PalletPreSortLevel	palletPresortType complex type	-	Required 1 to many allowed	Refer to this complex type in Appendix A
USPSContainerInfo	uspsContainerInfoType complex type	-	Required	Refer to this complex type in Appendix A
Choice Block ENDS				
palletUnitType ENDS				

7.53 ComplexType: palletPresortType

PalletPresortType block provides information to identify the USPS container.

Mail.XML 12.0A - ComplexType: palletPresortType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
palletPresortType BEGINS			Required	
Attribute Block BEGINS			Required	
Count	nonNegativeInteger		Required, (Attribute)	

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Mail.XML 12.0A - ComplexType: palletPresortType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
MailDatCode	containerLevelType simple type	-	Required (Attribute)	Refer to this simple type in Appendix B
Attribute Block ENDS				
USPSContainerInfo	uspsContainerInfoType complex type	-	Optional	Refer to this complex type in Appendix A
palletPresortType ENDS				

7.54 Complex Type: partnerContentAssignmentType

Mail.XML 12.0A - Complex Type: partnerContentAssignmentType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
partnerContentAssignmentType BEGINS				
PartnerIdentifier	participantIDType complex type	-	Required	Refer to this complex type in Appendix A
ConsigneeContentID	String 12	-	Required 1 to many allowed.	-
DestinationEntry	String 12	-	Required	-
partnerContentAssignmentType ENDS				

7.55 Complex Type: partnerApptBlockType

Mail.XML 12.0A - Complex Type: partnerApptBlockType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
partnerApptBlockType BEGINS				
ConsigneeFacility	consigneeFacilityType complex type	-	Optional	Refer to this complex type in Appendix A
ConsigneeApptID	String 12	-	Required	-

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Mail.XML 12.0A - Complex Type: partnerApptBlockType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ScheduledAppt	datetime	-	Required	-
Comment	Strign 256	-	Optional	-
MailClass	mailClassType simple type	-	Required	Refer to this simple type in Appendix B
TrailerInfo	trailerInfoType complex type	-	Optional	Refer to this complex type in Appendix A
ContentDetailInfo Update	contentDetailInfo UpdateType complex type	-	Optional 0 to many allowed	Refer to this complex type in Appendix A
partnerApptBlock Type ENDS				

7.56 Attribute Type: PartnerApptRequestHeaderInfo

Mail.XML 12.0A - Attribute Type: PartnerApptRequestHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
PartnerApptRequestHeaderInfo BEGINS			Attributes block	
ConsigneeApptID	String, 12 characters		Optional	
SchedulerID	String, 12 characters		Optional	
SchedulerCorpID	String, 12 characters		Optional	
SchedulerCRID	CRIDType simple type	-	Optional	Refer to this simple type in Appendix B
SchedulerContent ID	String 12	-	Optional	-
ConsigneeContentID	String 12	-	Optional	-
Start	datetime	-	Optional	-
End	datetime	-	Optional	-
RetrieveContentUpdatedStartDate	Date	-	Optional	-

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Mail.XML 12.0A - Attribute Type: PartnerApptRequestHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
RetrieveContentUpdatedEndDate	Date	-	Optional	-
PartnerApptRequestHeaderInfo ENDS				

7.57 Attribute Type: PickupRequestHeaderInfo

Mail.XML 12.0A - Attribute Type: PickupRequestHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
PickupRequestHeaderInfo BEGINS			Attributes block	
ShipperApptRequestID	Mailxml_base:s12		Required	
ConsigneeApptID	Mailxml_base:s12		Optional	
SchedulerID	Mailxml_base:s12		Optional	
SchedulerCorpID	Mailxml_base:s12		Optional	
ApptType	Mailxml_base:apptTypeType		Required	Refer “apptTypeType” simple type in Appendix B
IncludesElectronicLoad	yesNo		Optional	
PickupRequestHeaderInfo ENDS				

7.58 Attribute Type: PickupResponseHeaderInfo

Mail.XML 12.0A - Attribute Type: PickupResponseHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
PickupResponseHeaderInfo BEGINS			Attributes block	
ShipperApptRequestID	Mailxml_base:s12		Required	
ConsigneeApptID	Mailxml_base:s12		Optional	
SchedulerID	Mailxml_base:s12		Optional	
SchedulerCorpID	Mailxml_base:s12		Optional	

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Mail.XML 12.0A - Attribute Type: PickupResponseHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ApptType	Mailxml_base:apptTypeType		Required	Refer "apptTypeType" simple type in Appendix B
PickupResponse HeaderInfo ENDS				

7.59 Complex Type: pickupApptBlockRequestType

Mail.XML 12.0A - Complex Type: pickupApptBlockRequestType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
pickupApptBlockRequestType BEGINS				
SubmittingParty	participantIDType complex type	-	Required	Refer to this complex type in Appendix A
SubmittingSoftware	submittingSoftwareType complex type	-	Required	Refer to this complex type in Appendix A
ConsigneeFacility	consigneeFacility Type complex type	-	Optional	Refer to this complex type in Appendix A
PickupLocation	consigneeFacility Type complex type	-	Required	Refer to this complex type in Appendix A
PreferredAppt	dateTime	-	Required	-
OptionalAppt	optionalApptType complex type	-	Optional. 0 to many allowed	Refer to this complex type in Appendix A
Comment	Strign 256	-	Optional	-
TransportationResponsibility	responsibleTransportationPartyType simple type	-	Required	Refer to this simple type in Appendix B
pickupApptBlockRequestType ENDS				

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7.60 Complex Type: pickupApptBlockResponseType

Mail.XML 12.0A - Complex Type: pickupApptBlockResponseType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
pickupApptBlockResponseType BEGINS				
TrackingID	String 20	-	Optional	-
ConsigneeFacility	consigneeFacility Type complex type	-	Optional	Refer to this complex type in Appendix A
PickupLocation	consigneeFacility Type complex type	-	Required	Refer to this complex type in Appendix A
ScheduledAppt	dateTime	-	Required	-
Comment	Strign 256	-	Optional	-
TransportationResponsibility	responsibleTransportationPartyType simple type	-	Required	Refer to this simple type in Appendix B
pickupApptBlockResponseType ENDS				

7.61 Complex Type: queryErrorType

QueryErrorType is the block that returns the reject reason(s) for the query request message.

Mail.XML 12.0A - Complex Type: queryErrorType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
queryErrorType BEGINS				
ReturnInfo	returnInfoType complex type	-	Required	Refer to this complex type in Appendix A
queryErrorType ENDS				

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7.62 Complex Type: recurringApptType

This block provides information to create the effective date range and scheduling frequency for the recurring appointment level in FAST.

Mail.XML 12.0A - Complex Type: recurringApptType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
recurringApptType BEGINS				
EffectiveStartDate	date	YYYY-MM-DD	Required (attribute)	
EffectiveEndDate	date	YYYY-MM-DD	Required (attribute)	
ApptTime	time	HH:MM:SS	Required (attribute)	
DayFrequency	mailxml_base:dayFrequencyType		Required (attribute) 1 to many allowed	
WeekFrequency	mailxml_base:weekFrequencyType		Required (attribute)	
recurringApptType ENDS				

7.63 Complex Type: recurringApptBlockType

Mail.XML 12.0A - Complex Type: recurringApptBlockType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
recurringApptBlockType BEGINS				
RecurringApptQueryResponseHeaderInfo attribute block	RecurringApptQueryResponseHeaderInfo attribute block	-	Attribute block	Refer to this attribute in Appendix A
ConsigneeFacility	consigneeFacilityType complex type	-	Required	Refer to this complex type in Appendix A
RecurringData	recurringApptType complex type	-	Required	Refer to this complex type in Appendix A
RecurringApptStatus	recurringStatusType simple type	-	Required.	Refer to this simple type in Appendix B

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Mail.XML 12.0A - Complex Type: recurringApptBlockType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
USPSSummary	uspsSummaryType complex type	-	Optional 0 to many allowed	Refer to this complex type in Appendix A
PostalClass	mailClassType simple type	-	Required 1 to many allowed	Refer to this simple type in Appendix B
ReturnInfo	basicReturnInfoType complex type	-	Optional	Refer to this complex type in Appendix A
recurringApptBlockType ENDS				

7.64 Complex Type: recurringApptType

This block provides information to create the effective date range and scheduling frequency for the recurring appointment level in FAST.

Mail.XML 12.0A - Complex Type: recurringApptType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
recurringApptType BEGINS				
EffectiveStartDate	date	YYYY-MM-DD	Required	-
EffectiveEndDate	date	YYYY-MM-DD	Required	
ApptTime	time	HH:MM:SS	Required	
DayFrequency	dayFrequencyType simple type		Required 1 to many allowed.	Refer to this simple type in Appendix B
WeekFrequency	weekFrequencyType simple type		Required 1 to many allowed	Refer to this simple type in Appendix B
recurringApptType ENDS				

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7.65 Attribute Type: RecurringApptQueryRequestHeaderInfo

Mail.XML 12.0A - Attribute Type: RecurringApptQueryRequestHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
RecurringApptQueryRequestHeaderInfo BEGINS			Attributes block	
CreatorSchedulerID	Mailxml_base:s12		Required	
CreatorSchedulerCorpID	Mailxml_base:s12		Optional	
CreatorSchedulerCRID	CRIDType simple type		Optional	Refer to this simple type in Appendix B
RecurringApptStatus	recurringStatusType simple type		Required	Refer to this simple type in Appendix B
RecurringApptID	String 8	-	Optional	-
RetrieveContentUpdatedStartDate	Date	-	Optional	-
RetrieveContentUpdatedEndDate	Date	-	Optional	-
RecurringApptQueryRequestHeaderInfo ENDS				

7.66 Attribute Type: RecurringApptQueryResponseHeaderInfo

Mail.XML 12.0A - Attribute Type: RecurringApptQueryResponseHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
RecurringApptQueryResponseHeaderInfo BEGINS			Attributes block	
CreatorSchedulerID	Mailxml_base:s12		Required	
CreatorSchedulerCorpID	Mailxml_base:s12		Optional	
CreatorSchedulerCRID	CRIDType simple type		Optional	Refer to this simple type in Appendix B

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Mail.XML 12.0A - Attribute Type: RecurringApptQueryResponseHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
RecurringApptStatus	recurringStatusType simple type		Required	Refer to this simple type in Appendix B
RecurringApptID	String 8	-	Optional	-
ApptType	apptTypeType simple type	-	Optional	Refer to this simple type in Appendix A
RetrieveContentUpdatedStartDate	Date	-	Optional	-
RetrieveContentUpdatedEndDate	Date	-	Optional	-
RecurringApptQueryResponseHeaderInfo ENDS				

7.67 Attribute Type: RequestMsgHeaderInfo

Mail.XML 12.0A - Attribute Type: RequestMsgHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
RequestMsgHeaderInfo BEGINS			Attributes block	
ShipperApptRequestID	Mailxml_base:s12		Required	
ConsigneeApptID	Mailxml_base:s12		Optional	
SchedulerID	Mailxml_base:s12		Optional	
SchedulerCorpID	Mailxml_base:s12		Optional	
SchedulerCRID	Mailxml_base:CRIDType		Optional	Refer “CRIDType” simple type in Appendix B
ShipperMultiStopID	Mailxml_base:s12		Optional	
ConsigneeMultiStopID	Mailxml_base:s12		Optional	
ShipperStopNumber	Mailxml_base:n06		Optional	
ApptType	Mailxml_base:apptTypeType		Required	Refer “apptTypeType” simple type in Appendix B

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Mail.XML 12.0A - Attribute Type: RequestMsgHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
PickupOrDelivery	Mailxml_base:pickupOrDeliveryType		Optional	Refer "PickupOrDelivery Type" simple type in Appendix B
PalletPositionCount	Mailxml_base:n02		Optional	
IncludesElectronicLoad	yesNo		Optional	
RequestMsgHeaderInfo ENDS				

7.68 Attribute Type: ResponseMsgHeaderInfo

Mail.XML 12.0A - Attribute Type: ResponseMsgHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ResponseMsgHeaderInfo BEGINS			Attributes block	
ShipperApptRequestID	Mailxml_base:s12		Required	
ConsigneeApptID	Mailxml_base:s12		Required	
SchedulerID	Mailxml_base:s12		Optional	
SchedulerCorpID	Mailxml_base:s12		Optional	
SchedulerCRID	Mailxml_base:CRIDType		Optional	Refer "CRIDType" simple type in Appendix B
ShipperMultiStopID	Mailxml_base:s12		Optional	
ConsigneeMultiStopID	Mailxml_base:s12		Optional	
ShipperStopNumber	Mailxml_base:n06		Optional	
ApptType	Mailxml_base:apptTypeType		Required	Refer "apptTypeType" simple type in Appendix B

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Mail.XML 12.0A - Attribute Type: ResponseMsgHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
PickupOrDelivery	Mailxml_base:pickupOrDeliveryType		Optional	Refer "PickupOrDeliveryType" simple type in Appendix B
PalletPositionCount	Mailxml_base:n02		Optional	
IncludesElectronicLoad	mailxml_base:yesNo		Optional	
ResponseMsgHeaderInfo ENDS				

7.69 Attribute Type: ResponseApptUpdateMsgHeaderInfo

Mail.XML 12.0A - Attribute Type: ResponseApptUpdateMsgHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ResponseApptUpdateMsgHeaderInfo BEGINS			Attributes block	
ShipperApptRequestID	Mailxml_base:s12		Required	
ConsigneeApptID	Mailxml_base:s12		Required	
SchedulerID	Mailxml_base:s12		Optional	
SchedulerCorpID	Mailxml_base:s12		Optional	
SchedulerCRID	Mailxml_base:CRIDType		Optional	Refer "CRIDType" simple type in Appendix B
ApptType	Mailxml_base:apptTypeType		Required	Refer "apptTypeType" simple type in Appendix B
PickupOrDelivery	Mailxml_base:pickupOrDeliveryType		Optional	Refer "PickupOrDeliveryType" simple type in Appendix B
PalletPositionCount	Mailxml_base:n02		Optional	
IncludesElectronicLoad	yesNo		Optional	

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Mail.XML 12.0A - Attribute Type: ResponseApptUpdateMsgHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ResponseApptUpdateMsgHeaderInfo ENDS				

7.70 Complex Type: ReturnInfoType

Mail.XML 12.0A - Complex Type: ReturnInfoType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ReturnInfoType BEGINS				
ConsigneeFacility Type	ConsigneeFacility Type complex type	-	Optional	Refer to this complex type in Appendix A
Sequence Block BEGINS			Optional 0 to many blocks are allowed	
ContainerErrorWarningBlock	containerErrorWarningBlockType complex type	-	Optional.	Refer to this complex type in Appendix A
ReturnCode	Numeric String 4	Only numeric string allowed	Required	-
ReturnDescription	String 260	-	Required	-
Sequence Block ENDS				
ReturnInfoType ENDS				

7.71 Complex Type: optReturnInfoType

Mail.XML 12.0A - Complex Type: optReturnInfoType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ReturnInfoType BEGINS				
ConsigneeFacility Type	ConsigneeFacility Type complex type	-	Optional	Refer to this complex type in Appendix A
Sequence Block BEGINS			Optional 0 to many blocks are allowed	

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Mail.XML 12.0A - Complex Type: optReturnInfoType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ReturnCode	Numeric String 4	Only numeric string allowed	Optional	-
ReturnDescription	String 260	-	Required	-
Sequence Block ENDS				
ReturnInfoType ENDS				

7.72 Complex Type: slotAvailabilityType

SlotAvailabilityType block is a block that provides specific information about available date/time for scheduling appointments at the facility requested.

Mail.XML 12.0A - Complex Type: slotAvailabilityType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
slotAvailabilityType BEGINS				
ApptType	apptTypeType simple type	-	Required	Refer to this simple type in Appendix B
MailClass	mailClassType simple type	-	Required 1 to many allowed	Refer to this simple type in Appendix B
Perishable	Mailxml_base:yesNo	-	Optional	Refer to this simple type in Appendix B
ApptStartTime	dateTime	YYYY-MM-DDTHH:MM:SS	Required	
ApptEndTime	dateTime	YYYY-MM-DDTHH:MM:SS	Required	
ApplyTiers	Mailxml_base:yesNo	-	Required	Refer to this simple type in Appendix B
slotAvailabilityType ENDS				

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7.73 Complex Type: StaleContentNotificationElementType

Mail.XML 12.0A - Complex Type: StaleContentNotificationElementType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
StaleContentNotificationElementType BEGINS			Attributes block	
ConsigneeFacility	consigneeFacilityType complex type	-	Optional	Refer to this complex type in Appendix A
ConsigneeContentID	String 12	-	Required	-
NumberOfDaysStale	Numeric String 2	-	Required	-
DestinationEntry	yesNo simple type	Either Yes or No	Required	Allow mailers to specify whether mail is origin entered or drop ship
StaleContentNotificationElementType ENDS				

7.74 Attribute Type: StatusRequestMsgHeaderInfo

Mail.XML 12.0A - Attribute Type: StatusRequestMsgHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
StatusRequestMsgHeaderInfo BEGINS			Attributes block	
CloseoutResponseID	String 12	-	Optional	-
CreatorSchedulerID	Mailxml_base:s12		Required	
CreatorSchedulerCorpID	Mailxml_base:s12		Optional	
CreatorSchedulerCRID	CRIDType simple type		Optional	Refer to this simple type in Appendix B
StatusRequestMsgHeaderInfo ENDS				

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7.75 Attribute Type: StatusRequestByTimeMsgHeaderInfo

Mail.XML 12.0A - Attribute Type: StatusRequestByTimeMsgHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
StatusRequestByTimeMsgHeaderInfo BEGINS			Attributes block	
SchedulerID	String 12	-	Required	-
SchedulerCRID	CRIDType simple type	-	Optional	Refer to this simple type in Appendix B
SchedulerCorpID	String 12	-	Required	-
CreatorSchedulerID	Mailxml_base:s12		Optional	
CreatorSchedulerCorpID	Mailxml_base:s12		Required	-
CreatorSchedulerCRID	CRIDType simple type	-	Optional	Refer to this simple type in Appendix B
Start	datetime	-	Optional	-
End	datetime	-	Optional	-
StatusRequestByTImeMsgHeaderInfo ENDS				

7.76 Complex Type: participantIDType

This block is used to indentify each individual submitting to *PostalOne!*

Mail.XML 12.0A - Complex Type: SubmittingParty/ participantIDType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ParticipantIDType Block BEGINS			Required block; Identifies the software submitting the message	
MailerID6	Mailxml_base:mailerID6Type		Optional Either MailerID6 or MailerID9 can be provided, not both	Refer “mailerID6Type” simple type in Appendix B

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Mail.XML 12.0A - Complex Type: SubmittingParty/ participantIDType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
MailerID9	Mailxml_base:mailerID9Type		Optional Either MailerID6 or MailerID9 can be provided, not both	Refer "mailerID9Type" simple type in Appendix B
CRID	Mailxml_base:CRIDType		Optional Either CRID or MID can be provided for authorization	Refer "CRIDType" simple type in Appendix B
SchedulerID	Mailxml_base:s12		Optional	
MaildatUserLicense	Mailxml_base:userLicenseCodeType		Optional	Refer "userLicenseCodeType" simple type in Appendix B
ShippingAgentID	String 12	-	Optional	-
ReceivingAgentID	String 12	-	Optional	-
ParticipantIDType Block ENDS				

7.77 Complex Type: SubmittingSoftwareType

Mail.XML 12.0A - Complex Type: SubmittingSoftwareType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
SubmittingSoftware Block BEGINS				
SoftwareName	xs:string		Required (attribute)	
Vendor	xs:string		Required (attribute)	
Version	xs:string		Required (attribute)	
ApprovalDate	xs:date	YYYY-MM-DD	Optional (attribute)	-
ApprovalKey	xs:string		Optional (attribute)	
SubmittingSoftware Block ENDS				

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7.78 Complex Type: trayHandlingUnitType

BedloadHandlingUnitType provides the specific presort level count of bedload trays for each content when scheduling the appointment in FAST.

Mail.XML 12.0A - Complex Type: trayHandlingUnitType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
trayHandlingUnitType BEGINS				
Count (as attribute)	nonNegativeInteger		Required (attribute)	
Type (as attribute)	trayType simple type		Optional (attribute)	Refer to this simple type in Appendix B
PreSortLevel Block BEGINS				
MaildatCode (as attribute)	ContainerLevelType simple type	-	Required	Refer to this simple type in Appendix B
Count (as attribute)	nonNegativeInteger	-	Required	-
PreSortLevel Block ENDS				
IMpb	ImpbType simple type	-	Optional	Refer to this simple type in Appendix B
Imtb	ImtbType simple type	-	Optional	Refer to this simple type in Appendix B
trayHandlingUnitType ENDS				

7.79 Complex Type: trailerInfoType

TrailerInfoType is a block that contains several blocks of information pertaining to transportation and delivery of mail.

Mail.XML 12.0A - Complex Type: trailerInfoType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
TrailerInfoType BEGINS				
Trailer	trailerType complex type		Optional 0 to 2 allowed	Refer to this complex type in Appendix A below

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Mail.XML 12.0A - Complex Type: trailerInfoType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
Carrier	CarrierType complex type		Optional	Refer to this complex type in Appendix A below
BillOfLadingNumber	String, 15 characters		Required 1 – 2 allowed	-
TrailerInfoType ENDS				

7.80 Complex Type: trailerType

TrailerType is a block that contains the delivery truck's information for each content.

Mail.XML 12.0A - Complex Type: trailerType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
trailerType BEGINS				
TrailerNumber	String 12		Optional	
TrailerLength	Mailxml_base:trailerLengthType		Optional	Refer to this simple type in Appendix B
trailerType ENDS				

7.81 Attribute Type: UnscheduledResponseMsgHeaderInfo

Mail.XML 12.0A UnscheduledResponseMsgHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
UnscheduledResponseMsgHeaderInfo BEGINS			Attributes block	
ConsigneeApptID	Mailxml_base:s12		Required	
SchedulerID	Mailxml_base:s12		Optional	
SchedulerCorpID	Mailxml_base:s12		Optional	
SchedulerCRID	CRIDType simple type		Optional	Refer to this simple type in Appendix B
ApptType	apptTypeType simple type		Required	Refer to this simple type in Appendix B

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Mail.XML 12.0A UnscheduledResponseMsgHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
UnscheduledResponseMsgHeaderInfo ENDS				

7.82 Complex Type: UnscheduledResponseMsgHeaderInfo

USPSDeliveryContentUpdatedNotificationMsgHeaderInfo

Mail.XML 12.0A - Attribute Type: UnscheduledResponseMsgHeaderInfo				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
USPSDeliveryContentUpdatedNotificationMsgHeaderInfo BEGINS			Attributes block	
ConsigneeApptID	String, 12 characters		Optional	
SchedulerID	String, 12 characters		Optional	
SchedulerCorpID	String, 12 characters		Optional	
SchedulerCRID	CRIDType simple type	-	Optional	Refer to this simple type in Appendix B
SchedulerContentID	String 12	-	Optional	-
ConsigneeContentID	String 12	-	Optional	-
DestionationEntry	yesNo	-	Optional	-
USPSDeliveryContentUpdatedNotificationMsgHeaderInfo ENDS				

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7.83 Complex Type: USPSSummaryType

Mail.XML 12.0A - Complex Type: USPSSummaryType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
UspsSummaryType BEGINS				
Attribute block BEGINS				
SchedulerContentID	String, 12 characters		Required (attribute)	
ConsigneeContentID	String. 12 characters		Optional (attribute)	
Attribute block ENDS				
DestinationDiscountIndicator	Mailxml_base:yesNo	Only Yes or No allowed	Required	Refer to this simple type in Appendix B
ZoneSkippingIndicator	Mailxml_base:yesNo	Only Yes or No allowed	Required	Refer to this simple type in Appendix B
FullServiceIndicator	Mailxml_base:yesNo	Only Yes or No allowed	Optional	Refer to this simple type in Appendix B
Pallets	palletUnitType complex type	-	Optional 0 to many allowed	Refer to this complex type in Appendix A
Bedload	bedloadUnitType complex type	-	Optional	Refer to this complex type in Appendix A
Perishable	Mailxml_base:yesNo	Only Yes or No allowed	Required	Refer to this simple type in Appendix B
MailClass	mailClassType simple type	See simple type values	Required	Refer to this simple type in Appendix B
RateType	RateType simple type	See simple type values	Optional	Refer to this simple type in Appendix B
InHomeStart	dateTime	YYYY-MM-DDTHH:MM:SS	Optional	
InHomeEnd	dateTime	YYYY-MM-DDTHH:MM:SS	Optional	

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Mail.XML 12.0A - Complex Type: USPSSummaryType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
ProcessingCategory	processingCategoryType simple type	-	Required	Refer to this simple type in Appendix B
PriorityMailIndicator	Mailxml_base:yesNo	Only Yes or No allowed	Required	Refer to this simple type in Appendix B
VerificationLocation	verificationLocationType simple type	-	Required	Refer to this simple type in Appendix B
NewsIndicator	Mailxml_base:yesNo	Only Yes or No allowed	Required	Refer to this simple type in Appendix B
EvsIndicator	Mailxml_base:yesNo	Only Yes or No allowed	Optional	Refer to this simple type in Appendix B
MailContentName	String, 30 characters		Optional	
MailPreparerID	String, 12 characters		Optional	
MailPreparerCRID	CRIDType simple type	-	Optional	Refer to this simple type in Appendix B
AdvanceMailingID	String, 9 characters		Optional 0 to many allowed	
EFileNumber	String, 22 characters		Optional	
ContainsAutoMail	Mailxml_base:yesNo	Only Yes or No allowed	Optional	Refer to this simple type in Appendix B
UspsSummaryType ENDS				

7.84 Complex Type: USPSContainerInfoType

USPSContainerInfoType block provides container information for each container within content.

Mail.XML 12.0A - Complex Type: USPSContainerInfoType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
uspsContainerInfoType BEGINS				

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Mail.XML 12.0A - Complex Type: USPSContainerInfoType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
MailOwnerID	String 12		Optional 0 to many allowed	
MailOwnerCRID	CRIDType simple type	-	Optional 0 to many allowed	Refer to this simple type in Appendix B
USPSPublicationID	String 8		Optional 0 to many allowed	
ActualPieceCount	nonNegativeInteger		Optional	
ContainerWeight	float		Optional	
Sequence Block BEGINS			Optional sequence block. 0 to many allowed	
IMcb	IMcbType simple type		Required	Refer to this simple type in Appendix B
SiblingBarcode	IMcbType simple type		Optional 0 to many allowed	Refer to this simple type in Appendix B
Sequence block ENDS				
Choice block BEGINS			Optional Choice block. 0 to many allowed	
ContainerDestination3digitZIP	Numeric string 3	Only numbers from 0 to 9 are allowed	Required	
ContainerDestination5digitZIP	Numeric string 5	Only numbers from 0 to 9 are allowed	Required	
Choice block ENDS				
uspsContainerInfoType ENDS				

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7.85 Complex Type: uspsDetailType

Mail.XML 12.0A - Complex Type: uspsDetailType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
uspsDetailType BEGINS				
USPSMultiApptID	String 12	-	Optional 0 to many allowed	-
USPSClosedBySV	uspsClosedBySVType complex type	-	Optional	Refer to this complex type in Appendix A
uspsDetailType ENDS				

7.86 Complex Type: uspsClosedBySVType

Mail.XML 12.0A - Complex Type: uspsClosedBySVType				
Field	**Format**	**Acceptable Values**	**Business Rules**	**Comments**
uspsClosedBySVType BEGINS				
AutoScan	NonNegativeInteger	-	Optional	-
ManualScan	NonNegativeInteger	-	Optional	-
uspsClosedBySVType ENDS				

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8. Appendix B - Mail.XML 12.0A

Simple Types Data Structures

The simple types below list variation of validation in Mail.XML 12.0A.

8.1 simpleType: actionCodeType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	F = Forwarded
enumeration	W = Wasted
enumeration	R = Returned
enumeration	U = Unable to determine action

8.2 simpleType: addressCorrectionMoveType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	F = Family Move
enumeration	I = Individual Move
enumeration	B = Business Move

8.3 simpleType: additionalInHomeRangeType

Tag	Mail.XML 12.0A
Base	mailxml_base:n01

8.4 simpleType: adjustmentStatusType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	R = Ready to Pay
enumeration	X = Paid
enumeration	C = Cancel
enumeration	P = Preliminary Postage Statement
enumeration	T = Transportation

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8.5 simpleType: adjustmentType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	1 = Re-order in excess of tolerance
enumeration	2 = “Average Remail” Add-on
enumeration	3 = Spoilage
enumeration	4 = Shortage

8.6 simpleType: agencyCostCodeType

Tag	Mail.XML 12.0A
Base	xs:string
pattern	[0-9]{5}|[0-9]{6}

8.7 simpleType: apptMethodType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	Online
enumeration	Phone
enumeration	Webservices - Detail
enumeration	Webservices - No Detail

8.8 simpleType: apptStateType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	Scheduled
enumeration	Arrived
enumeration	ApptValidated
enumeration	WaitingToBeUnloaded
enumeration	Unloading
enumeration	FinishedUnloading
enumeration	ResolvingProblems
enumeration	Rejected
enumeration	Closed

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8.9 simpleType: apptStatusType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	Open
enumeration	Closed
enumeration	No Show
enumeration	Unscheduled
enumeration	Rejected

8.10 simpleType: apptTypeType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	Pallet
enumeration	DropAndPick
enumeration	Speedline
enumeration	Bedload

8.11 simpleType: barcodeRateType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	Y = Yes
enumeration	N = No
enumeration	O = Other

8.12 simpleType: billReasonCodeType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	E
enumeration	F
enumeration	M
enumeration	N

8.13 simpleType: bundleDetailLevelType

Tag	Mail.XML 12.0A
Base	xs:string

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Tag	Mail.XML 12.0A
enumeration	A = Firm
enumeration	B = Carrier Route
enumeration	C = 5-Digit
enumeration	D = Unique 3-Digit
enumeration	E = (Reserve for future)
enumeration	F = 3-Digit
enumeration	G = (Reserve for future)
enumeration	H = ADC
enumeration	I = AADC
enumeration	J = (Reserve for future)
enumeration	K = Origin MxADC
enumeration	L = MxADC
enumeration	M = MxAADC
enumeration	N = (Reserve for future)
enumeration	O = Working
enumeration	P = (Reserve for future)
enumeration	Q = (Reserve for future)
enumeration	R = Parcel
enumeration	S = Multi-Piece Parcel
enumeration	T = 3D Scheme
enumeration	U = 5D Scheme + L007
enumeration	V = NDC (previously as BMC)
enumeration	W = 5-Digit Super Scheme
enumeration	X

8.14 simpleType: bundleRecordStatusType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	O = Original
enumeration	D = Delete
enumeration	I = Insert
enumeration	U = Update

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8.15 simpleType: bundleStatusType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	Blank
enumeration	C = Cancel

8.16 simpleType: canadaAdMailOnlyType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	ST = Standard
enumeration	LG = Large

8.17 simpleType: chargeableBundleLevelType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	3 = 3-Digit/SCF
enumeration	5 = 5-Digit/Carrier Route
enumeration	A = ADC/AADC
enumeration	C = Carrier Route
enumeration	F = Firm
enumeration	M = Mixed ADC and Mixed AADC

8.18 simpleType: chargeableContainerType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	Sacks-Trays
enumeration	Pallets

8.19 simpleType: chargeableContainerLevelType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	3 = 3-Digit/SCF
enumeration	5 = 5-Digit/Carrier Route
enumeration	A = ADC/AADC
enumeration	M = Mixed ADC & Mixed AADC

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8.20 simpleType: chargeableEntryLevelType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	B = Destination NDC (Previously BMC)
enumeration	C = Origin SCF
enumeration	D = DDU
enumeration	J = Origin ADC
enumeration	K = Origin NDC (previously BMC)
enumeration	O = Origin Post Office/ DMU
enumeration	R = Destination ADC
enumeration	S = Destination SCF

8.21 simpleType: classNotificationType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	A = (Reserved for future use)
enumeration	B = First-Class Mail
enumeration	C = Periodicals, Initial Notification
enumeration	D = Standard Mail
enumeration	E = Package Services
enumeration	F = Periodicals, Follow-up Notifications

8.22 simpleType: closeoutIrregularitiesType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	B = Broken Pallet
enumeration	C = Count doesnt Match 8125
enumeration	D = Damaged Mail
enumeration	DR = Driver Refused to Assist
enumeration	G = Good
enumeration	IA = Improper Appointment Type
enumeration	IM = Improper Mail Class
enumeration	I = Improper Mail Makeup
enumeration	IF = Incorrect Mail Facility

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Tag	Mail.XML 12.0A
enumeration	L = Load Unsafe
enumeration	M = Mailing not separated by 8125
enumeration	MI = Miscellaneous
enumeration	NP = No Paperwork (Missing Paperwork)
enumeration	O = Others
enumeration	OW = Overweight Pallets
enumeration	NM = Package on NDC non-machinable
enumeration	P = Pallet Too Tall
enumeration	VS = Vehicle Size
enumeration	CP = Courtesy Pallets
enumeration	CM = Container does not match 8017
enumeration	SM = Separation does not match 8107
enumeration	AR = Altered Required Field on Form
enumeration	IO = Incorrect Entry Office
enumeration	MN = Missing Appointment Number
enumeration	MS = Missing Origin Signature and/or Round Stamp
enumeration	MF = Missing Required Mailer Field on Form
enumeration	MA = Multiple Appts Associated to Load
enumeration	NF = No Form with Shipment
enumeration	IP = Incorrect Processing Category
enumeration	PD = Past in Home Date

8.23 simpleType: communicationRoleType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	From
enumeration	To
enumeration	CC

8.24 simpleType: componentWeightSourceType

Tag	Mail.XML 12.0A
Base	String
enumeration	A

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Tag	Mail.XML 12.0A
enumeration	C
enumeration	P
enumeration	L

8.25 simpleType: componentWeightStatusType

Tag	Mail.XML 12.0A
Base	String
enumeration	N
enumeration	P
enumeration	F
enumeration	M

8.26 simpleType: consigneeContentIDType

Tag	Mail.XML 12.0A
Base	mailxml_base:s09

8.27 simpleType: containerBundleStatusType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	-1 = Failed
enumeration	0 = Pending
enumeration	1 = Success

8.28 simpleType: IMtbType

Tag	Mail.XML 12.0A
Base	String
maxLength	24
minLength	24

8.29 simpleType: IMpbType

Tag	Mail.XML 12.0A
Base	String
maxLength	34
minLength	34

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8.30 simpleType: containerAcceptanceDateType

Tag	Mail.XML 12.0A
Base	xs:date

8.31 simpleType: cccLevelType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	3 = 3-Digit/SCF
enumeration	5 = 5-Digit/Carrier Route
enumeration	A = ADC/AADC
enumeration	M = Mixed ADC & Mixed AADC

8.32 simpleType: containerGroupingDescriptionType

Tag	Mail.XML 12.0A
Base	Removed

8.33 simpleType: containerGrossWeightType

Tag	Mail.XML 12.0A
Base	mailxml_base:s05

8.34 simpleType: containerHeightType

Tag	Mail.XML 12.0A
Base	mailxml_base:n03

8.35 simpleType: containerLevelType

How to Read:

Each Container Level Type Code shows the English translation of the code. Underneath the code there is “Eligibility Type” codes of “S” for Sack, “T” for Trays and “P” for Pallets. The Mailer must understand that to use any specific container level, the container type must be one of the following: Sack, Tray, or Pallet or all of the following or combination of some.

For example – Container Level Code “A” means “CR-Direct” and it can only be used if the container types are: Sack, Tray, and Pallet.

For some Container Level Code – there is an asterisk (*) followed by “Not Supported Enumeration” text. This means that the code is not currently supported by *PostalOne!*

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	A = CR-Direct Eligibility Type = S, T, P

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Tag	Mail.XML 12.0A
enumeration	B = Mixed CR in 5 Digit Eligibility Type = S, T, P
enumeration	C = Mixed CR in 3 Digit Eligibility Type = S, T
enumeration	D = CR – 5D Scheme Eligibility Type = S, T, P
enumeration	E = FSS Scheme
enumeration	F = FSS Facility
enumeration	G = 5 Digit (Auto/Presort) Eligibility Type = S, T, P
enumeration	H = 5 Digit (Merged) Eligibility Type = S, T, P
enumeration	I = 5 Digit (Presort Only) Eligibility Type = S, T, P
enumeration	J = 5 Digit (Barcode Only) Eligibility Type = S, T, P
enumeration	K = Metro Scheme Eligibility Type = P
enumeration	M = 5D Scheme (Presort) Eligibility Type = S, T, P
enumeration	N = 5D Scheme (Auto/Presort) Eligibility Type = S, T, P
enumeration	P = 5D Scheme (Barcode) Eligibility Type = S, T, P
enumeration	Q = 5D Scheme (Merged) Eligibility Type = S, T, P
enumeration	R = 3 Digit (Auto, Presort) Eligibility Type = S, T
enumeration	S = 3 Digit (Barcode) Eligibility Type = S, T
enumeration	T = 3 Digit (Presort) Eligibility Type = S, T
enumeration	U = 3 Digit (CR, Auto, Presort) Eligibility Type = S, T, P

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Tag	Mail.XML 12.0A
enumeration	V = 3 Digit Scheme Eligibility Type = T
enumeration	W
enumeration	X = SCF Eligibility Type = S, P
enumeration	Y = Protected SCF Eligibility Type = P
enumeration	Z = ADC Eligibility Type = S, T, P
enumeration	AA = AADC Eligibility Type = T
enumeration	AB = Mixed ADC Eligibility Type = S, T, P
enumeration	AC = Mixed AADC Eligibility Type = T
enumeration	AD = ASF Eligibility Type = S, P
enumeration	AE = NDC (previously known as BMC) Eligibility Type = S, P
enumeration	AF = Protected NDC Eligibility Type = P
enumeration	AG = Mixed NDC Eligibility Type = S, P
enumeration	AH
enumeration	AI
enumeration	AJ = Single Piece Container Eligibility Type = S, T
enumeration	AK = MXDS – Mixed Surface Eligibility Type = P
enumeration	AL
enumeration	AM = Working Eligibility Type = P
enumeration	AN = Single Piece – First Class Eligibility Type = P

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Tag	Mail.XML 12.0A
enumeration	AO = Surface Eligibility Type = P
enumeration	AP = Air Eligibility Type = P
enumeration	AQ = Local Eligibility Type = P
enumeration	BA = Urban Direct Eligibility Type = S, T
enumeration	BB = Rural Direct Eligibility Type = S, T
enumeration	BC = Station Eligibility Type = S, T, P
enumeration	BD = City Eligibility Type = S, T, P
enumeration	BE = FSA Eligibility Type = P
enumeration	BF = DCF Eligibility Type = S, T, P
enumeration	BG = FCP Eligibility Type = S, T, P
enumeration	BH = Province Eligibility Type = P
enumeration	BI = Residual Eligibility Type = S, T, P
enumeration	BJ = Foreign Eligibility Type = S, T, P
enumeration	BK = Country Eligibility Type = S, T, P
enumeration	BL = Mixed Country Eligibility Type = S, T, P
enumeration	BM = M Bags Eligibility Type = S

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8.36 simpleType: containerPickupDateType

Tag	Mail.XML 12.0A
Base	xs:date

8.37 simpleType: containerPickupTimeType

Tag	Mail.XML 12.0A
Base	xs:time

8.38 simpleType: containerShipDateType

Tag	Mail.XML 12.0A
Base	xs:date

8.39 simpleType: containerShipTimeType

Tag	Mail.XML 12.0A
Base	xs:time

8.40 simpleType: contactType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	AccountManager
enumeration	Carrier
enumeration	CrossDock
enumeration	CustomerService
enumeration	HelpDesk
enumeration	DropShipCoordinator
enumeration	ApptCoordinator
enumeration	Plant
enumeration	InboundFreightCoordinator
enumeration	SalesOffice
enumeration	TruckDriver
enumeration	Warehouse
enumeration	Other

8.41 simpleType: containerHeightSourceType

Tag	Mail.XML 12.0A
Base	xs:string

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Tag	Mail.XML 12.0A
enumeration	A = Actual
enumeration	E = Estimated

8.42 simpleType: CQTdatabaseIDType

Tag	Mail.XML 12.0A
Base	xs:nonNegativeInteger
totalDigits	8
whiteSpace	collapse

8.43 simpleType: creditDebitIndicator

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	C = Credit
enumeration	D = Debit

8.44 simpleType: CRIDType

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	15
minLength	1
pattern	([0-9])*

8.45 simpleType: cRIDStatusType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	New
enumeration	Existing

8.46 simpleType: csaTemplateType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	PVDS-PER
enumeration	DMU-C
enumeration	DMU-P
enumeration	BMEU

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Tag	Mail.XML 12.0A
enumeration	UPVDS-PER
enumeration	UDMU-C
enumeration	UDMU-P
enumeration	UBMEU
enumeration	U

8.47 simpleType: csaStatusType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	ACT
enumeration	PEN
enumeration	INACT
enumeration	INCOMP
enumeration	PREAPP

8.48 simpleType: databaseContainerIDType

Tag	Mail.XML 12.0A
Base	xs:nonNegativeInteger
totalDigits	6

8.49 simpleType: dayFrequencyType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	Daily
enumeration	Monday
enumeration	Tuesday
enumeration	Wednesday
enumeration	Thursday
enumeration	Friday
enumeration	Saturday
enumeration	Sunday

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8.50 simpleType: daysOfWeekType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	MON
enumeration	TUE
enumeration	WED
enumeration	THU
enumeration	FRI
enumeration	SAT
enumeration	SUN
enumeration	MF
enumeration	MS
enumeration	ALL
enumeration	H

8.51 simpleType: DirectOrMixedCategoryType

Tag	Mail.XML 12.0A
Base	String
enumeration	Direct
enumeration	Mixed

8.52 simpleType: dec18-8

Tag	Mail.XML 12.0A
Base	xs:decimal
totalDigits	18
fractionDigits	8

8.53 simpleType: deliverabilityCodeType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	K = COA Match, No Forwarding Address
enumeration	G = COA Match, PO Box Closed, No Forwarding Address
enumeration	W = COA Match with a temporary COA

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8.54 simpleType: electronicFileType

Tag	Mail.XML 12.0A
Base	String 1
enumeration	1=Postage & Tracking File
enumeration	2=Tracking File
enumeration	3=Return Service
enumeration	4=Corrections
enumeration	5=Electronic Verification
enumeration	C=Parcel Return Service

8.55 simpleType: emailType

Tag	Mail.XML 12.0A
Base	xs:string

8.56 simpleType: enclosedByType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	SM = Standard Mail
enumeration	BP = Bound Printed Matter
enumeration	PE = Periodicals
enumeration	PP = Parcel Post
enumeration	ML = Media/Library Mail

8.57 simpleType: entryDiscountType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	N = None
enumeration	B = DNDC (previous DBMC)
enumeration	S = DSCF
enumeration	D = DDU
enumeration	A = DADC

8.58 simpleType: entryFacilityType

Tag	Mail.XML 12.0A
Base	xs:string

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Tag	Mail.XML 12.0A
enumeration	O = Origin
enumeration	B = NDC (Previous BMC)
enumeration	S = SCF
enumeration	D = DDU
enumeration	A = ADC

8.59 simpleType: entryPointEDPostalCodeType

Tag	Mail.XML 12.0A
Base	mailxml_base:s06

8.60 simpleType: entryPointEDFacilityTypeType

Tag	Mail.XML 12.0A
Base	mailxml_base:s01

8.61 simpleType: entryPointADLocaleKeyType

Tag	Mail.XML 12.0A
Base	mailxml_base:s09

8.62 simpleType: entryPointADPostalCodeType

Tag	Mail.XML 12.0A
Base	mailxml_base:s09

8.63 simpleType: es3

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	3
minLength	3
whiteSpace	preserve

8.64 simpleType: es4

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	4
minLength	4
whiteSpace	preserve

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8.65 simpleType: es5

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	5
minLength	5
whiteSpace	preserve

8.66 simpleType: exemptionCodeType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	APO
enumeration	APS
enumeration	CAPC
enumeration	DUE
enumeration	HC

8.67 simpleType: fASTSchedulerIDType

Tag	Mail.XML 12.0A
Base	mailxml_base:s12

8.68 simpleType: feeNotificationType

Tag	Mail.XML 12.0A
Base	String
enumeration	E = Electronic Fee Charged
enumeration	1 = Automated Fee 1st Notice
enumeration	2 = Automated Fee 2nd Notice
enumeration	3 = Automated Fee Charged for 3 or more notices

8.69 simpleType: flatRateIndicatorType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	B = Box – Priority Mail Flat Rate Only
enumeration	C = Priority Mail Critical Mail – Letter
enumeration	E = Envelope – Priority Mail Flat Rate Only
enumeration	F = Priority Mail Critical Mail – Flat

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enumeration	L = Box – Large Priority Mail Flat Rate Only
enumeration	M = Box – Large Military Destination Priority Mail Flat Rate Only
enumeration	O = Priority Mail Padded Flat Rate Envelope
enumeration	P = Priority Mail Legal Flat Rate Envelope
enumeration	S = Small – Priority Mail Flat Rate Only

8.70 simpleType: formType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	PM = Priority Mail
enumeration	FC = First-Class
enumeration	SM = Standard Mail
enumeration	BP = Bound Printed Matters
enumeration	PE = Periodicals
enumeration	PP = Parcel Post
enumeration	ML = Media/Library Mail
enumeration	IM = International Mailing
Enumeration	PS=Parcel Select

8.71 simpleType: fullServiceComplianceIndicatorType

Tag	Mail.XML 12.0A
Base	mailxml_base:yesNo
enumeration	
enumeration	

8.72 simpleType: fspiType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	M = Mixed
enumeration	F = Full-Service

8.73 simpleType: gPSSystemType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	ECEF

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Tag	Mail.XML 12.0A
enumeration	HAE
enumeration	MSL

8.74 simpleType: IDType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	DriversLicense
enumeration	EmployeeID

8.75 simpleType: IMcbType

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	24
minLength	21

8.76 simpleType: iMBType

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	34
minLength	20
pattern	([0-9])+

8.77 simpleType: iMBarcodeIDType

Tag	Mail.XML 12.0A
Base	mailxml_base:ns02

8.78 simpleType: iMBSerialNumber6Type

Tag	Mail.XML 12.0A
Base	mailxml_base:ns06

8.79 simpleType: iMBSerialNumber9Type

Tag	Mail.XML 12.0A
Base	mailxml_base:ns09

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8.80 simpleType: iMBUpperSerializationType

Tag	Mail.XML 12.0A
Base	mailxml_base:s18

8.81 simpleType: iMBLowerSerializationType

Tag	Mail.XML 12.0A
Base	mailxml_base:s18

8.82 simpleType: incentiveTypeType

Tag	Mail.XML 12.0A
Base	String
enumeration	1 = Incentive
enumeration	2 = ICM Incentive
enumeration	3 = Priority Mail International Incentive
enumeration	4 = Express Mail International Incentive

8.83 simpleType: includedInOtherDocType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	L = Linked
enumeration	O = Original

8.84 simpleType: internalDateType

Tag	Mail.XML 12.0A
Base	xs:date

8.85 simpleType: internationalPSPartType

Tag	Mail.XML 12.0A
Base	String
enumeration	A = First Class Mail International Permit Imprint
enumeration	B = International Surface Airlift – ISAL
enumeration	C = International Priority Airmail – IPA
enumeration	D = Priority Mail International Permit Imprint
enumeration	E = Global Shipping Software (GSS) Permit Imprint – Priority Mail International

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Tag	Mail.XML 12.0A
enumeration	F = Global Shipping Software Permit Imprint – Express Mail International
enumeration	G = Global Shipping Software Permit Imprint – Global Express Guaranteed
enumeration	H = Global Bulk Economy Mail Permit Imprint
enumeration	I = Global Direct Canada Admail Permit Imprint
enumeration	J = Global Direct Canada Publication Mail – Permit Imprint
enumeration	K = Global Direct Canada Letter Mail – Permit Imprint
enumeration	Q = Global Direct Permit Imprint
enumeration	R = Reserved
enumeration	S = Extra Services

8.86 simpleType: internationalZoneType

Tag	Mail.XML 12.0A
Base	String
enumeration	1 through 15

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8.87 simpleType: internationalPSPartSectionType

Tag	Mail.XML 12.0A
enumeration	ICLM = Canada Incentive Letter Mail Standard (S/L) – Machinable
enumeration	ICLO = Canada Letter Mail Other (Non-Standard and Oversize)
enumeration	ICLP = Canada Incentive Letter Mail Standard (S/L) – Presort
enumeration	ICLPL = Canada Incentive Letter Mail Standard (S/L) – Presort Local
enumeration	ICLS = Canada Letter Mail Standard (S/L)
enumeration	ICOM = Canada Incentive Letter Mail Oversize (O/S) – Machinable
enumeration	ICOP = Canada Incentive Letter Mail Oversize (O/S) – Presort
enumeration	IEM = Express Mail International
enumeration	IEMF = Express Mail International Flat Rate Envelope
enumeration	IFCP = LCP Residual/Forward Consolidation Point (FCP)
enumeration	IFE = Flat Rate Envelope (Individual Weight Limit: 4 lbs)
enumeration	IFLB = Large Flat Rate Box (Individual Weight Limit: 20 lbs)
enumeration	IFMB = Medium Flat Rate Box (Individual Weight Limit: 20 lbs)
enumeration	IFSB = Small Flat Rate Box (Individual Weight Limit: 4 lbs)
enumeration	IGBB = Global Bulk Economy Mail-Base Price-New Jersey Entry
enumeration	IGBM = Global Bulk Economy Mail M-Bag New Jersey Entry
enumeration	IGD = Global Direct
enumeration	IGXG = Global Express Guaranteed (GXG)
enumeration	ILDC = LCP Distribution Center Facility
enumeration	ILDD = LCP Delivery Mode Direct
enumeration	ILDF = LCP Delivery Facility
enumeration	IMBG = M-Bag Airmail Sacks
enumeration	INDG = NDG Presort
enumeration	IPM = Priority Mail International
enumeration	IPMI = International Priority Mail IPA
enumeration	IPMM = International Priority Mail M-Bag IPA
enumeration	IRV = Reserved
enumeration	ISAL = International Surface Airlift – ISAL
enumeration	ISAM = International Surface Airlift M-Bag – ISAL

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8.88 simpleType: internationalPriceGroupType

Tag	Mail.XML 12.0A
Base	String
enumeration	1 = Canada
enumeration	2 = Mexico
enumeration	3 through 5 = China, Eastern Europe, Hong Kong, Japan, South Korea, Turkey, Western Europe
enumeration	6 through 9 = Africa, Asia (exception include price group 3 through 5), central America, Middle East, South America
enumeration	10 through 15 = Unknown – for future use

8.89 simpleType: inCountyOutCountyIndicatorType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	I – In County
enumeration	N = Outside County
enumeration	

8.90 simpleType: jobIDType

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	8
minLength	1
whiteSpace	preserve

8.91 simpleType: localeKeyType

Tag	Mail.XML 12.0A
Base	mailxml_base:s09

8.92 simpleType: inductionStatusType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	A = Accepted
enumeration	N = Rejected

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8.93 simpleType: logicalPhysicalBundleIndicatorType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	P = Physical
enumeration	L = Logical

8.94 simpleType: logicalPhysicalContainerIndicatorType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	P = Physical
enumeration	L = Logical

8.95 simpleType: mailAgreementTypeType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	A = Alternate Mailing System
enumeration	B = Optional Procedure
enumeration	C = Manifest Mailing
enumeration	D = Value Added
enumeration	E = Combined Mail
enumeration	F = Combined and Value Added

8.96 simpleType: mailClassType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	1 = First-Class Mail
enumeration	2 = Periodicals
enumeration	3 = Standard Mail
enumeration	4 = Package Services
enumeration	6 = (Future Placeholder)

8.97 simpleType: maildatContainerStatusType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	R = Ready to Pay

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Tag	Mail.XML 12.0A
enumeration	X = Paid
enumeration	C = Cancel
enumeration	D = Delete
enumeration	P = Preliminary Postage Statement
enumeration	T = Transportation Information Update

8.98 simpleType: mailerID6Type

Tag	Mail.XML 12.0A
Base	mailxml_base:ns06

8.99 simpleType: mailerID9Type

Tag	Mail.XML 12.0A
Base	mailxml_base:ns09

8.100 simpleType: mailXMLContainerType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	1 = #1 Sack
enumeration	2 = #2 Sack
enumeration	3 = #3 Sack
enumeration	4 = 01V Sack
enumeration	5 = 03V Sack
enumeration	6 = OD Sack
enumeration	7 = OD Parcel
enumeration	8 = OD Full Tray Box
enumeration	9 = OD Half Tray Box
enumeration	10 = Flat Trays
enumeration	11 = FRE/FRB
enumeration	E = EMM Tray
enumeration	F = Flat Tub
enumeration	L = Logical Tray
enumeration	O = 1’ Tray
enumeration	P = Pallet
enumeration	S = Sack (General)

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Tag	Mail.XML 12.0A
enumeration	T = 2' Tray
enumeration	V = Sack (Virtual)
enumeration	B = Bedload
enumeration	U – Unit Load Device
enumeration	Y = PMOD Sacks
enumeration	Z = User Pallet
enumeration	X = (Future Placeholder)
enumeration	H = EIRS 61 – Hamper, Large Canvas
enumeration	A = EIRS 61P – Hamper, Large Plastic
enumeration	G = EIRS 66 – General Purpose Mail Container w/Gate
enumeration	D = EIRS 68 – Eastern Region Mail Container w/Web Door
enumeration	R = EIRS 84 – Wire Container Rigid
enumeration	C = EIRS 84C – Collapsible Wire Container
enumeration	M = Logical Pallet (MLOCR)
enumeration	AB = Air Box ***Note:*** *For Mail.XML 12.0A when this value is provided – the PO! will reject the message with appropriate message.*
enumeration	Y = PMOD Sack

8.101 simpleType: mailXMLPresentationCategoryType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	M = MLOCR
enumeration	P = Conventional Presort
enumeration	I = Manifest Individual
enumeration	N = Single Piece
enumeration	S = Manifest Summary

8.102 simpleType: manifestType

Tag	Mail.XML 12.0A
enumeration	DM = Domestic Mail
enumeration	IM = International Mail

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8.103 simpleType: manifestMailClassType

Tag	Mail.XML 12.0A
enumeration	BB = BoundPrinted Material
enumeration	BL = Library Rate
enumeration	BP = Parcel Post
enumeration	BS = Media Mail
enumeration	CP = Priority Mail International Parcels
enumeration	DM = Domestic Matter for the Blind
enumeration	EX = Express Mail®
enumeration	FC = First Class Mail®
enumeration	IE = Express Mail International
enumeration	IL = Priority Mail International Letters
enumeration	LC = First Class Mail International
enumeration	PG = Global Express Guaranteed
enumeration	PM = Priority Mail
enumeration	PS = Parcel Select
enumeration	S2 = Standard Mail Non-Profit
enumeration	S3 = Standard Mail Enhanced Carrier Route
enumeration	S4 = Standard Mail Nonprofit Enhance Carrier Route
enumeration	SA = Standard Mail

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8.104 simpleType: manifestRateLevelType

Tag	Mail.XML 12.0A
enumeration	AD = "ADC Rate”
enumeration	BA = "Basic Rate"
enumeration	BM = "Balloon Rate"
enumeration	BP = "Basic Bound Printed Matter Pre-bar coded"
enumeration	BS = "NDC Special Standard"
enumeration	B3 = "3-Digit Balloon Rate"
enumeration	CB = "Carrier Route Basic Rate"
enumeration	CD = "Express Mail Custom Design"
enumeration	CH = "Carrier Route High Density Rate"
enumeration	CR = "Carrier Route Rate"
enumeration	CS = "Carrier Route Saturation Rate"
enumeration	C1 = "Cubic Pricing Tier 1"
enumeration	C2 = "Cubic Pricing Tier 2"
enumeration	C3 = "Cubic Pricing Tier 3"
enumeration	C4 = "Cubic Pricing Tier 4"
enumeration	C5 = "Cubic Pricing Tier 5"
enumeration	DN = "Dimensional Nonrectangular Rate"
enumeration	DR = "Dimensional Rectangular Rate"
enumeration	E1 = "Express Mail Same Day Airport Flat Rate"
enumeration	E3 = "Express Mail Flat Rate Hold For Pickup"
enumeration	E4 = "Express Mail Flat Rate Post Office To Addressee"
enumeration	FB = "Priority Mail Medium Flat Rate Box"
enumeration	FE = "Flat Rate Envelope"
enumeration	IG = "P/PS<15Lbs, combined length/girth >84" & <= 108" subject to balloon rate"
enumeration	IM = "P/ PS between 108" and 130" subject to oversize rate"
enumeration	MA = "Mixed ADC Rate"
enumeration	MB = "Mixed NDC Rate"
enumeration	NP = "Non-presorted Rate"
enumeration	OS = "Oversize"
enumeration	PG = "PM<15lbs combined length/girth >84" & <=108" subject to balloon rate"
enumeration	PL = "Priority Mail Large Flat Rate Box"

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Tag	Mail.XML 12.0A
enumeration	PM = "Priority Mail Large Flat Rate Box APO/FPO"
enumeration	PP = "Express Mail Hold For Pickup"
enumeration	PR = "Presorted Rate"
enumeration	RB = "Bulk Basic"
enumeration	SB = "Media Mail NDC"
enumeration	SP = "Single Piece Rate"
enumeration	S1 = "Single Piece – Flat"
enumeration	S2 = "Single Piece – Parcel"
enumeration	S5 = "Media Mail 5 Digit"
enumeration	1A = "Intra-NDC Single Piece Rate"
enumeration	1E = "Inter-NDC Single Piece Rate"
enumeration	2A = "Intra-NDC Balloon Rate"
enumeration	2E = "Inter-NDC Balloon Rate"
enumeration	3A = "Intra-NDC Oversized Rate"
enumeration	3D = "3-Digit Rate"
enumeration	3E = "Inter-NDC Oversized Rate"
enumeration	5D = "5 Digit Rate"
enumeration	5S = "5 Digit Special Standard"

8.105 simpleType: manifestExtraServiceCode

Tag	Mail.XML 12.0A
enumeration	420 = Parcel Return Service
enumeration	430 = Open & Distribute
enumeration	440 – Re Shipment
enumeration	910 = Certified Mail
enumeration	915 = COD
enumeration	920 – Delivery Confirmation
enumeration	921 = Signature Confirmation
enumeration	925 = Express Mail Merchandise Insurance
enumeration	930 = Insurance <=$200
enumeration	931 = Insurance >$200
enumeration	935 = Parcel Airlift (PAL)
enumeration	940 = Registered Mail

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Tag	Mail.XML 12.0A
enumeration	950 = Restricted Delivery
enumeration	955 = Return Receipt
enumeration	957 = Return Receipt Electronic
enumeration	960 = Return Receipt for Merchandise
enumeration	970 = Special Handling
enumeration	980 = Merchandise Return Service (MRS)
enumeration	985 = Hold for Pickup

8.106 simpleType: mIDStatusType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	New
enumeration	Existing

8.107 simpleType: meteredAffixedMethodType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	C = Metered - Correct
enumeration	L = Metered – Lowest
enumeration	M = Metered - Neither

8.108 simpleType: monthType

Tag	Mail.XML 12.0A
Base	xs:nonNegativeInteger
maxInclusive	12
minInclusive	1

8.109 simpleType: moveUpdateMethodType

Tag	Mail.XML 12.0A
Base	xs:integer
enumeration	0 = None
enumeration	1 = ACS
enumeration	2 = NCOA
enumeration	3 = FAST Forward

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Tag	Mail.XML 12.0A
enumeration	4 = Mailer Move Update Process
enumeration	5 = Ancillary Service Endorsement
enumeration	6 = Multiple
enumeration	7 = N/A
enumeration	8 = OneCode ACS

8.110 simpleType: MPUIDType

Tag	Mail.XML 12.0A
Base	xs:nonNegativeInteger
totalDigits	5

8.111 simpleType: ns02

Tag	Mail.XML 12.0A
Base	xs:string
pattern	[0-9]{2}

8.112 simpleType: ns03

Tag	Mail.XML 12.0A
Base	xs:string
pattern	[0-9]{3}

8.113 simpleType: ns04

Tag	Mail.XML 12.0A
Base	xs:string
pattern	[0-9]{4}

8.114 simpleType: ns05

Tag	Mail.XML 12.0A
Base	xs:string
pattern	[0-9]{5}

8.115 simpleType: ns06

Tag	Mail.XML 12.0A
Base	xs:string
pattern	[0-9]{6}

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8.116 simpleType: ns09

Tag	Mail.XML 12.0A
Base	xs:string
pattern	[0-9]{9}

8.117 simpleType: ns10

Tag	Mail.XML 12.0A
Base	xs:string
pattern	[0-9]{10}

8.118 simpleType: ns11

Tag	Mail.XML 12.0A
Base	xs:string
pattern	[0-9]{11}

8.119 simpleType: ns22

Tag	Mail.XML 12.0A
Base	xs:string
pattern	[0-9]{22}

8.120 simpleType: n01

Tag	Mail.XML 12.0A
Base	xs:positiveInteger
totalDigits	1

8.121 simpleType: n02

Tag	Mail.XML 12.0A
Base	xs:positiveInteger
totalDigits	2

8.122 simpleType: n03

Tag	Mail.XML 12.0A
Base	xs:nonNegativeInteger
totalDigits	3

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8.123 simpleType: n05

Tag	Mail.XML 12.0A
Base	xs:nonNegativeInteger
totalDigits	5

8.124 simpleType: n06

Tag	Mail.XML 12.0A
Base	xs:nonNegativeInteger
totalDigits	6

8.125 simpleType: addressType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	F = Foreign
enumeration	G = General Delivery
enumeration	H = Highway Route Contract
enumeration	P = Post Office Box
enumeration	R = Rural Route
enumeration	S = Street Address
enumeration	U = Urbanization Name
enumeration	V = Highway Contract Route with box number
enumeration	X = Rural Route with box number

8.126 simpleType: operatngModeType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	N = Normal
enumeration	B = ByPass

8.127 simpleType: onePassPlannedOrActualFlagType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	A = Actual
enumeration	P = Planned

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8.128 simpleType: packageIDType

Tag	Mail.XML 12.0A
Base	mailxml_base:s06

8.129 simpleType: PackageServicesType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	PS
enumeration	BPM
enumeration	LIB
enumeration	MEDIA
enumeration	PP

8.130 simpleType: packagingMethodType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	0 = Piece Count
enumeration	1 = Weight
enumeration	2 = Both

8.131 simpleType: palletHandlingUnitType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	Sacks
enumeration	Bundles
enumeration	MixedLengthTrays
enumeration	1ft Tray
enumeration	2ft Tray
enumeration	EMM Tray
enumeration	Flat Tub
enumeration	Parcels

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8.132 simpleType: palletType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	Pallet
enumeration	EIRS 61 - Hamper, Large Canvas
enumeration	EIRS 61P - Hamper, Large Plastic
enumeration	EIRS 66 - General Purpose Mail Container w/Gate
enumeration	EIRS 68 - Eastern Region Mail Container w/Web Door
enumeration	EIRS 84 - Wire Container Rigid
enumeration	EIRS 84C - Collapsible Wire Container

8.133 simpleType: parentContainerRefIDType

Tag	Mail.XML 12.0A
Base	mailxml_base:s06

8.134 simpleType: percentageType

Tag	Mail.XML 12.0A
Base	xs:decimal
totalDigits	5
fractionDigits	2
minInclusive	0.00
maxInclusive	100.00

8.135 simpleType: periodicalPriceType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	D = Non-Advertising Pound Rate – DSCF (B13)
enumeration	C = Non-Advertising Pound Rate – DDU (B12)
enumeration	E = Non-Advertising Pound Rate – DADC (B14)
enumeration	R = Repositionable notes (surcharge) (A21, F2)
enumeration	Z = Non-Advertising Pound Rate – All Others (B15)
enumeration	5 = Non-Advertising Piece Rate (C30)
enumeration	9 = Ride-along Surcharge (A20, F1)
enumeration	1 = DDU (A17)

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8.136 simpleType: permitTypeType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	PI = Permit Imprint
enumeration	MT = Metered Tape
enumeration	PC = Pre-cancelled Stamps
enumeration	BR = Business Reply
enumeration	PE = Periodicals
enumeration	GH = Ghost
enumeration	OI = Official Imprint
enumeration	OM = Official Imprint
enumeration	PP = Pending Periodicals
enumeration	PA = Partial Permit Imprint

8.137 simpleType: phoneNumberType

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	25
minLength	1
whiteSpace	preserve

8.138 simpleType: pickupOrDeliveryType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	Pickup
enumeration	Delivery

8.139 simpleType: planetCodeType

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	13
minLength	11
pattern	[0-9]{2}

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8.140 simpleType: postageGroupingIDType

Tag	Mail.XML 12.0A
Base	mailxml_base:s08

8.141 simpleType: postagePaymentMethodType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	S
enumeration	M
enumeration	P

8.142 simpleType: postageStatementLineNumber1Type

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	E26
enumeration	E27
enumeration	E28
enumeration	E29
enumeration	E30
enumeration	E31
enumeration	E32
enumeration	E33
enumeration	E34
enumeration	E35
enumeration	E36
enumeration	E37
enumeration	E38
enumeration	E39
enumeration	E40
enumeration	E41
enumeration	E42
enumeration	E43
enumeration	E44
enumeration	E45

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Tag	Mail.XML 12.0A
enumeration	E46

8.143 simpleType: postageStatementLineNumber2Type

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	E1
enumeration	E2
enumeration	E3
enumeration	E4
enumeration	E5
enumeration	E6
enumeration	E7
enumeration	E8
enumeration	E9
enumeration	E10
enumeration	E11
enumeration	E12
enumeration	E13
enumeration	E14
enumeration	E15
enumeration	E16
enumeration	E17
enumeration	E18
enumeration	E19
enumeration	E20
enumeration	E21
enumeration	E22
enumeration	E23
enumeration	E24

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8.144 simpleType: postageStatementLineNumber3Type

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	D1
enumeration	D2
enumeration	D3
enumeration	D4
enumeration	D5
enumeration	D6
enumeration	D7
enumeration	D8
enumeration	D9
enumeration	D10
enumeration	D11
enumeration	D12
enumeration	D13
enumeration	D14
enumeration	D15
enumeration	D16
enumeration	D17

8.145 simpleType: postageStatementStatusType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	UPD = Updated
enumeration	FIN = Finalized
enumeration	REW = Rework
enumeration	REV = Reversed
enumeration	CAN = Cancelled
enumeration	FAI = Failed Verification
enumeration	PEN = Pending
enumeration	PAS = Passed
enumeration	INC = Incomplete
enumeration	NAP = Not Available for Processing

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Tag	Mail.XML 12.0A
enumeration	EST = Estimate Postage
enumeration	CON = Consolidated Postage Statement
enumeration	ERR = Error
enumeration	COM = Complete
enumeration	AVW = Address Verification Warning
enumeration	PAV = Pending Address Verification
enumeration	FPP = Finalized Pending Payment
enumeration	

8.146 simpleType: priceType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	commercial
enumeration	commercialplus
enumeration	retail
enumeration	NSA

8.147 simpleType: primarySecondaryIndicatorType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	P = Primary
enumeration	S = Secondary

8.148 simpleType: processingCategoryType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	LT = Letter
enumeration	FL = Flat
enumeration	CD = Card
enumeration	OS = Outside Parcel
enumeration	MP = Machinable Parcel
enumeration	IR = Irregular Parcel
enumeration	PF = Parcel, First Class
enumeration	CM = Custom Mail

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Tag	Mail.XML 12.0A
enumeration	NP = Non-Machinable Parcel
enumeration	NA = Non-Flat Machinable Piece < 6oz
enumeration	NB = Non-Flat Machinable Piece > 6oz
enumeration	SP = Small Packets
enumeration	MB = M-Bags

8.149 simpleType: processingCodeType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	S = Surface
enumeration	MXDS = Mixed Surface
enumeration	L = Locale
enumeration	WKG = Working Mail
enumeration	A = Air Separation
enumeration	MXDA = Mixed Air
enumeration	SP = Single Piece

8.150 simpleType: qualificationReportClassType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	FC = First Class
enumeration	S = Standard
enumeration	P = Periodicals
enumeration	PM = Priority Mail
enumeration	PP = Parcel Post
enumeration	A = Air Mail
enumeration	PS = Parcel Select

8.151 simpleType: rateCategoryType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	A = Saturation ECR
Enumeration	A1 = Non-Automation Saturation – ECR
enumeration	*AF = Saturation ECT Letter*

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Tag	Mail.XML 12.0A
enumeration	B = High Density ECR
Enumeration	B1 = Non-Automation High Density - ECR
enumeration	BF = High Density SCR Letter
enumeration	D = Carrier Route
enumeration	D1 = Non Automation Carrier Route
enumeration	DF = Carrier Letter
enumeration	E = 5 Digit Barcode
enumeration	FB = Firm Bundle (Not In-County)
enumeration	G = 5D Non-Barcode
enumeration	GF = 5D Letter
enumeration	H = 3 Digit Barcode
enumeration	K = 3D Non-Barcode
enumeration	KF = 3D Letter
enumeration	L = Basic Barcode
enumeration	L1 = AADC Barcode
enumeration	L2 = Mixed AADC Barcode
enumeration	L3 = ADC Barcode
enumeration	L4 = Mixed ADC Barcode
enumeration	L5 = ADC Non-Barcode
enumeration	L6 = Mixed ADC Non-Barcode
enumeration	L7 = AADC Non-Barcode
enumeration	L8 = Mixed AADC Non-Barcode
enumeration	N = Basic Non-Automation (Basic Presorted)
enumeration	O = Carrier Route – Barcode
enumeration	O1 = Non Automation Carrier Route – Barcode * CURRENTLY NOT ALLOWED TO BE USED.
enumeration	NG = 5 Digit Non Flat Machinable
enumeration	NK = 3 Digit Non Flat Machinable
enumeration	N5 = NDC Non Flat Machinable
enumeration	N6 = Mixed NDC Non Flat Machinable
enumeration	PI = 5 Digit Parcel 0.2063 Pounds or less
enumeration	PM = 3 Digit Parcel 0.2063 Pounds or less

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Tag	Mail.XML 12.0A
enumeration	P7 = NDC Parcel 0.2063 Pounds or less
enumeration	P8 = Mixed NDC Parcel 0.2063 Pounds or less
enumeration	PE = 5 Digit Machinable Parcel over 0.2063 Pounds
enumeration	PQ = NDC Machinable Parcel over 0.2063 Pounds
enumeration	PR = Mixed NDC Machinable Parcel over 0.2063 Pounds
enumeration	PG = 5 Digit Irregular Parcel over 0.2063 Pounds
enumeration	PK = 3 Digit Irregular Parcel over 0.2063 Pounds
enumeration	P5 = NDC Irregular Parcel over 0.2063 Pounds
enumeration	P6 = Mixed NDC Irregular Parcel over 0.2063 Pounds
enumeration	S = Single Piece
enumeration	Z1 = Parcel Post (NDC Sort)
enumeration	Z2 = Parcel Post (ONDC Sort)
enumeration	P10 = Priority Mail Regional Rate Box A (max weight 15 lbs)
enumeration	P11 = Priority Mail Regional Rate Box B (max weight 20 lbs)
enumeration	P12 = Priority Mail – Cubic Tier 1 (up to .10 lbs)
enumeration	P13 = Priority Mail – Cubic Tier 2 (up to .20 lbs)
enumeration	P14 = Priority Mail – Cubic Tier 3 (up to .30 lbs)
enumeration	P15 = Priority Mail – Cubic Tier 4 (up to .40 lbs)
enumeration	P16 = Priority Mail – Cubic Tier 5 (up to .50 lbs)
enumeration	IA10 = International Postcards
enumeration	IA11 = Letters (up to 3.5 ounces), Flats and Packages/Small Packets (up to 4 pounds)
enumeration	IA12 = Nonmachinable Surcharge (letters only, up to 3.5 ounces)
enumeration	IA13 = M-Bag Airmail
enumeration	IB14 = Worldwide Nonpresort
enumeration	IB15 = International Surface Air Lift-M-Bag-ISAL
enumeration	IC15 = International Priority Mail-IPA
enumeration	IC17 = Worldwide Nonpresort
enumeration	IC18 = International Priority Mail-M-Bag-IPA
enumeration	ID19 = Priority Mail International
enumeration	ID20 = Flat Rate Envelopes (Individual Weight Limit: 4 lbs.) (15" x 9 1/2" or Smaller)
enumeration	ID21 = Padded Flat Rate Envelope (Individual Weight Limit: 4 lbs.)

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Tag	Mail.XML 12.0A
enumeration	ID22 = Small Flat Rate Boxes (Individual Weight Limit: 4 lbs.) (Including items O-Small FRBX, ODVDS, and O-1096-L)
enumeration	ID23 = Medium Flat Rate Boxes (Individual Weight Limit: 20 lbs.)
enumeration	ID24 = Large Flat Rate Box (Individual Weight Limit: 20 lbs.)
enumeration	IE25 = Flat Rate Envelopes (Individual Weight Limit: 4 lbs.) (15" x 9 1/2" or Smaller)
enumeration	IE26 = Padded Flat Rate Envelope (Individual Weight Limit 4 lbs.)
enumeration	IE27 = Small Flat Rate Boxes (Individual Weight Limit: 4 lbs.) (Including items O-Small FRBX, ODVDS, and O-1096-L)
enumeration	IE28 = Medium Flat Rate Boxes (Individual Weight Limit: 20 lbs.)
enumeration	IE29 = Large Flat Rate Box (Individual Weight Limit: 20 lbs.)
enumeration	IF30 = Express Mail International
enumeration	IF31 = Express Mail International Flat Rate Envelopes (15" x 9 1/2" or Smaller)
enumeration	IG32 = Global Express Guaranteed (GXG)
enumeration	IH33 = Global Bulk Economy Mail-Base Prices-New Jersey Entry
enumeration	IH34 = Global Bulk Economy Mail-M-Bag - New Jersey Entry
enumeration	II35 = NDG Presort
enumeration	II36 = LCP Delivery Mode Direct
enumeration	II37 = LCP Delivery Facility
enumeration	II38 = LCP Distribution Center Facility (DCF)
enumeration	II39 = LCP Forward Consolidation Point (FCP)
enumeration	II40 = LCP Residual
enumeration	II41 = Excess Weight Postage-if applicable (for items over 0.1100 lbs. up to 1.100 lbs. [over 1.76 oz. up to 17.6 oz.])
enumeration	IJ42 = NDG Presort
enumeration	IJ43 = LCP Delivery Mode Direct
enumeration	IJ44 = LCP Delivery Facility
enumeration	IJ45 = LCP Distribution Center Facility (DCF)
enumeration	IJ46 = LCP Forward Consolidation Point (FCP)
enumeration	IJ47 = LCP Residual
enumeration	IK48 = Canada Lettermail - Standard (S/L) - up to 1.0576 oz.
enumeration	IK49 = Canada Lettermail - Standard (S/L) -over 1.0576 oz. and up to 1.7632 oz.
enumeration	IK50 = Canada Lettermail - Other Lettermail (Non-standard and Oversize) - up to 3.5264 oz.
enumeration	IK51 = Canada Lettermail - Other Lettermail (Non-standard and Oversize) - over 3.5264 oz. and up to 7.0544 oz.

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Tag	Mail.XML 12.0A
enumeration	IK52 = Canada Lettermail - Other Lettermail (Non-standard and Oversize) - over 7.0544 oz. and up to 10.5808 oz.
enumeration	IK53 = Canada Lettermail - Other Lettermail (Non-standard and Oversize) - over 10.5808 oz. and up to 14.1088 oz.
enumeration	IK54 = Canada Lettermail - Other Lettermail (Non-standard and Oversize) - over 14.1088 oz. and up to 17.6368 oz.
enumeration	IK55 = Canada Incentive Lettermail - Standard (S/L) Machineable - up to 1.0576 oz.
enumeration	IK56 = Canada Incentive Lettermail - Standard (S/L) Machineable - over 1.0576 oz. and up to 1.7632 oz.
enumeration	IK57 = Canada Incentive Lettermail - Standard (S/L) Machineable - over 1.7632 oz. and up to 3.5264 oz.
enumeration	IK58 = Canada Incentive Lettermail - Standard (S/L) - Presort - up to 1.0576 oz.
enumeration	IK59 = Canada Incentive Lettermail - Standard (S/L) - Presort - over 1.0576 oz. and up to 1.7632 oz.
enumeration	IK60 = Canada Incentive Lettermail - Standard (S/L) - Presort - over 1.7632 oz. and up to 3.5264 oz.
enumeration	IK61 = Canada Incentive Lettermail - Standard (S/L) - Presort Local - up to 1.0576 oz.
enumeration	IK62 = Canada Incentive Lettermail - Standard (S/L) - Presort Local - over 1.0576 oz. and up to 1.7632 oz.
enumeration	IK63 = Canada Incentive Lettermail - Standard (S/L) - Presort Local - over 1.7632 oz. and up to 3.5264 oz.
enumeration	IK64 = Canada Incentive Lettermail - Oversize (O/S) - Machineable - up to 3.5264 oz.
enumeration	IK65 = Canada Incentive Lettermail - Oversize (O/S) - Machineable - over 3.5264 oz. and up to 17.6368 oz.
enumeration	IK66 = Canada Incentive Lettermail - Oversize (O/S) - Presort - up to 3.5264 oz.
enumeration	IK67 = Canada Incentive Lettermail - Oversize (O/S) - Presort - over 3.5264 oz. and up to 17.6368 oz.
enumeration	IQ68 = Global Direct
enumeration	IR69 = Reserved
enumeration	PS1
enumeration	PS2
enumeration	PS3
enumeration	PS4
enumeration	PS5
enumeration	PS6
enumeration	PS7
enumeration	PS8

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Tag	Mail.XML 12.0A
enumeration	PS9
enumeration	PS10
enumeration	PS11

8.152 simpleType: rateLevelType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	SP = Single Piece
enumeration	5B = Auto 5 Digit
enumeration	3B = Auto 3 Digit
enumeration	AB = Auto ADC/AADC
enumeration	PSRT = Presort
enumeration	5D = Presort 5 Digit
enumeration	3D = Presort 3 Digit
enumeration	NDC = NDC Presort
enumeration	ONDC = ONDC Presort
enumeration	BP = Standard Mail NDC
enumeration	MP = Mixed NDC Standard
enumeration	AD = ADC Presort
enumeration	MD = Mixed ADC Presort
enumeration	WS = Carrier Route Saturation
enumeration	HD = Carrier Route High Density
enumeration	CR = Carrier Route Basic
enumeration	MB = Auto Mixed ADC/AADC
enumeration	FB = Firm Bundle
enumeration	BB = Barcode Basic
enumeration	SCF

8.153 simpleType: rateLevelIndicatorType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	A = Auto (use with Rate Level 5B, 3B, AB, MB)
enumeration	B = Non-Auto (use with Rate Level 5D, 3D, AD, MD)

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Tag	Mail.XML 12.0A
enumeration	C = ECR (use with Rate Level WS, HD, CR)
enumeration	M = Machinable (use with Rate Level AB, MB)
enumeration	N = Non-Machinable (use with Rate Level 5D, 3D, AD, MD)

8.154 simpleType: rateType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	R = Regular
enumeration	L = Library Mail
enumeration	B = Bound Printed Matter
enumeration	C = Classroom
enumeration	S = Science of Agriculture
enumeration	F = Media Mail
enumeration	A = Alt Delivery
enumeration	N = Non-Profit
enumeration	P = Parcel Post
enumeration	T = Priority Mail
enumeration	D = Parcel Select
enumeration	X = Other
enumeration	H = (Placeholders)
enumeration	M = (Placeholders)
enumeration	Z = (Placeholders)
enumeration	E = Priority Mail Flat Fixed (Rate Envelope)
enumeration	G = Priority Mail Flat Fixed (rate Box)
enumeration	1 = UA (International)
enumeration	2 = UL (International)
enumeration	3 = UM (International)
enumeration	4 = UR (International)
enumeration	J = Priority Mail Flat – Large Box
enumeration	K = Priority Mail Flat – Large Box APO/FPO
enumeration	W = Science and Agriculture Limited
enumeration	Y = Regular Limited Circulation

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8.155 simpleType: reasonCodeType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	A = Attempted – Not Known
enumeration	B = Returned for Better Address
enumeration	D = Outside Delivery Limits
enumeration	E = In Dispute
enumeration	I = Insufficient Address
enumeration	L = Illegible
enumeration	M = No Mail Receptacle
enumeration	N = No such number
enumeration	P = Deceased
enumeration	Q = Not Deliverable as Addressed/ Unable to Forward
enumeration	R = Refused
enumeration	S = No Such Street
enumeration	U = Unclaimed
enumeration	V = Vacant
enumeration	X = No Such Office

8.156 simpleType: recurringStatusType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	Active
enumeration	Pending
enumeration	All

8.157 simpleType: reservationNumberType

Tag	Mail.XML 12.0A
Base	mailxml_base:s15

8.158 simpleType: roleType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	Data Update Agent

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Tag	Mail.XML 12.0A
enumeration	Owner
enumeration	Confirm Subscriber
enumeration	Confirm Data Receiver
enumeration	ACS Data Receiver
enumeration	ACS Subscriber
enumeration	List Owner
enumeration	Mail Creator
enumeration	Addressor
enumeration	Comail
enumeration	CoMingler
enumeration	MLOCR
enumeration	Mail Owner
enumeration	Mail Agent
enumeration	Entry Point Planner
enumeration	Shipment Planner
enumeration	Consolidator
enumeration	Secondary Consolidator
enumeration	Appointment Management Receiver
enumeration	Consignee/Product Receiver
enumeration	Dispatcher
enumeration	Tracker CONFIRM-scan
enumeration	Tracker CONFIRM-payer
enumeration	Tracker Seed Source
enumeration	Tracker Piece-level-scan
enumeration	Tracker ASN-scan
enumeration	Tracker Induction-scan
enumeration	Tracker Planet-code
enumeration	ACS receiver
enumeration	ACS payer
enumeration	Seamless Acceptance
enumeration	Seamless Verification
enumeration	Security
enumeration	Logistics Provider

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Tag	Mail.XML 12.0A
enumeration	Carrier
enumeration	Data Brokering Agent
enumeration	Nixie
enumeration	StartTheClock
enumeration	ContainerVisibility
enumeration	DeliveryPointValidation

8.159 simpleType: responsibleTransportationPartyType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	Shipper
enumeration	Consignee

8.160 simpleType: RoutingZipCodeType

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	11
minLength	0

8.161 simpleType: s01

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	1
minLength	1
whiteSpace	preserve

8.162 simpleType: s02

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	2
minLength	1
whiteSpace	preserve

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8.163 simpleType: s03

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	3
minLength	1
whiteSpace	preserve

8.164 simpleType: s04

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	4
minLength	1
whiteSpace	preserve

8.165 simpleType: s05

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	5
minLength	1
whiteSpace	preserve

8.166 simpleType: s06

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	6
minLength	1
whiteSpace	preserve

8.167 simpleType: s07

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	7
minLength	1
whiteSpace	preserve

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8.168 simpleType: s08

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	8
minLength	1
whiteSpace	preserve

8.169 simpleType: s09

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	9
minLength	1
whiteSpace	preserve

8.170 simpleType: s10

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	10
minLength	1
whiteSpace	preserve

8.171 simpleType: s11

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	11
minLength	1
whiteSpace	preserve

8.172 simpleType: s12

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	12
minLength	1
whiteSpace	preserve

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8.173 simpleType: s15

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	15
minLength	1
whiteSpace	preserve

8.174 simpleType: s16

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	16
minLength	1
whiteSpace	preserve

8.175 simpleType: s18

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	18
minLength	1
whiteSpace	preserve

8.176 simpleType: s20

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	20
minLength	1
whiteSpace	preserve

8.177 simpleType: s22

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	22
minLength	1
whiteSpace	preserve

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8.178 simpleType: s25

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	25
minLength	1
whiteSpace	preserve

8.179 simpleType: s28

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	28
minLength	1
whiteSpace	preserve

8.180 simpleType: s30

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	30
minLength	1
whiteSpace	preserve

8.181 simpleType: s37

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	37
minLength	1
whiteSpace	preserve

8.182 simpleType: s40

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	40
minLength	1
whiteSpace	preserve

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8.183 simpleType: s45

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	45
minLength	1
whiteSpace	preserve

8.184 simpleType: s50

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	50
minLength	1
whiteSpace	preserve

8.185 simpleType: s60

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	60
minLength	1
whiteSpace	preserve

8.186 simpleType: s64

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	64
minLength	1
whiteSpace	preserve

8.187 simpleType: s66

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	66
minLength	1
whiteSpace	preserve

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8.188 simpleType: s80

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	80
minLength	1
whiteSpace	preserve

8.189 simpleType: s256

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	256
minLength	1
whiteSpace	preserve

8.190 simpleType: s260

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	260
minLength	1
whiteSpace	preserve

8.191 simpleType: sackingBasisType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	0 = Piece Count
enumeration	1 = 20 lbs.
enumeration	2 = 125 Pieces
enumeration	3 = 15 lbs.
enumeration	4 = Both

8.192 simpleType: scheduledInductionDateType

Tag	Mail.XML 12.0A
Base	xs:date

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8.193 simpleType: scheduledInductionTimeType

Tag	Mail.XML 12.0A
Base	xs:time

8.194 simpleType: scheduledInHomeDateType

Tag	Mail.XML 12.0A
Base	xs:date

8.195 simpleType: serialNumberSevenOrEleven

Tag	Mail.XML 12.0A
Base	String
Pattern	"[0-9]{7}|[0-9]{11}"

8.196 simpleType: serialNumberTenOrFourteen

Tag	Mail.XML 12.0A
Base	String
Pattern	"[0-9]{10}|[0-9]{14}"

8.197 simpleType: serviceLevelIndicatorType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	F = Full-Service
enumeration	B = Basic
enumeration	P = POSTNET
enumeration	O = Other

8.198 simpleType: serviceCodeType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	CM = Certified Mail
enumeration	COD = Collect on Delivery
enumeration	COM = Certificate of Mailing
enumeration	DC = Delivery Confirmation
enumeration	IM = Insured Mail
enumeration	PAL = Parcel Airlift

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Tag	Mail.XML 12.0A
enumeration	RD = Restricted Delivery
enumeration	RM = Registered Mail
enumeration	RR = Return Receipt
enumeration	RRE = Return Receipt Electronic
enumeration	RRM = Return Receipt for Merchandise
enumeration	SC = Signature Confirmation
enumeration	SH = Special Handling
enumeration	AS = Adult Signature
enumeration	RAS = Restricted Adult Signature

8.199 simpleType: ServiceTypeCodeType

Tag	Mail.XML 12.0A
Base	mailxml_base:ns03

8.200 simpleType: sortationLevelType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	CRD
enumeration	5DG
enumeration	CR5
enumeration	5DGS
enumeration	CR5S
enumeration	M5D
enumeration	M5DS
enumeration	MET
enumeration	3DG
enumeration	CR3
enumeration	3DGS
enumeration	ADC
enumeration	AADC
enumeration	MADC
enumeration	MAAD
enumeration	SCF

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Tag	Mail.XML 12.0A
enumeration	PSCF
enumeration	NDC
enumeration	PNDC
enumeration	MNDC
enumeration	ASF
enumeration	OMX
enumeration	PADC
enumeration	MRDC
enumeration	SP
enumeration	MXDS
enumeration	MXDA
enumeration	WORKING
enumeration	SINGLEPIECE
enumeration	SURFACE
enumeration	AIR
enumeration	LOCAL

8.201 simpleType: serviceSubCodeType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	N = None or Not Bulk
enumeration	E = Electronic
enumeration	R = Retail or Registered
enumeration	T = Requested at Time of Mailing
enumeration	B = Bulk

8.202 simpleType: standardFlatTypeType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	Catalog
enumeration	NotCatalog

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8.203 simpleType: stateCode

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	AA
enumeration	AE
enumeration	AP
enumeration	AL
enumeration	AK
enumeration	AS
enumeration	AZ
enumeration	AR
enumeration	CA
enumeration	CO
enumeration	CT
enumeration	DE
enumeration	DC
enumeration	FM
enumeration	FL
enumeration	GA
enumeration	GU
enumeration	HI
enumeration	IL
enumeration	IN
enumeration	IA
enumeration	ID
enumeration	KS
enumeration	KY
enumeration	LA
enumeration	MH
enumeration	MD
enumeration	MA
enumeration	MO
enumeration	MI

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Tag	Mail.XML 12.0A
enumeration	MN
enumeration	MS
enumeration	MT
enumeration	NE
enumeration	NH
enumeration	NV
enumeration	NJ
enumeration	NM
enumeration	NY
enumeration	NC
enumeration	ND
enumeration	MP
enumeration	OH
enumeration	OR
enumeration	OK
enumeration	PW
enumeration	PA
enumeration	PR
enumeration	RI
enumeration	SC
enumeration	SD
enumeration	TN
enumeration	TX
enumeration	UT
enumeration	VT
enumeration	VI
enumeration	VA
enumeration	WA
enumeration	WV
enumeration	WI
enumeration	WY

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8.204 simpleType: statusType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	Accepted
enumeration	Amended
enumeration	Cancelled
enumeration	Counterproposal
enumeration	New
enumeration	NoAction
enumeration	Original
enumeration	PartiallyAccepted
enumeration	Pending
enumeration	Rejected
enumeration	Replaced

8.205 simpleType: stopDesignatorType

Tag	Mail.XML 12.0A
Base	mailxml_base:s02

8.206 simpleType: surchargeType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	2 = Oversized Surcharge
enumeration	A = First-Class Mail Parcel Surcharge
enumeration	D = Dimensional Rate
enumeration	N = Not Oversized
enumeration	P = Balloon Surcharge
enumeration	E = Permit Reply Mail
enumeration	R = First-Class Mail Non-machinable Letters (0.0625 lbs or less)
enumeration	L = Detached Address Labels Used

8.207 simpleType: totalWeightType

Tag	Mail.XML 12.0A
Base	mailxml_base:s05

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8.208 simpleType: trailerLengthType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	20ft
enumeration	40ft
enumeration	45ft
enumeration	48ft
enumeration	53ft

8.209 simpleType: transportationMethodType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	USPS
enumeration	Mailer

8.210 simpleType: transportationModeType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	0 = Reject Due to Error
enumeration	1 = Local and Working
enumeration	2 = Bypassed or Unassigned Surface or Air Mail
enumeration	3 = Assigned Surface (S-AMS Surface)
enumeration	4 = Assigned Air
enumeration	9 = Reject Due to Purge

8.211 simpleType: transShipBoLNumberType

Tag	Mail.XML 12.0A
Base	mailxml_base:s05

8.212 simpleType: trayType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	MixedLengthTrays
enumeration	1ft Tray
enumeration	2ft Tray

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Tag	Mail.XML 12.0A
enumeration	EMM Tray
enumeration	Flat Tub

8.213 simpleType: trayTypeIndicatorType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	F = 2 Foot Tray
enumeration	M = MM Tray
enumeration	E = EMM Tray
enumeration	H = 1 Foot Tray
enumeration	U = Unknown

8.214 simpleType: truckDispatchNumberType

Tag	Mail.XML 12.0A
Base	mailxml_base:s10

8.215 simpleType: unitLoadType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	CrossDockPallets
enumeration	WorkingPallets
enumeration	Trailers

8.216 simpleType: uOMType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	AirDryMetricTonne
enumeration	AirDryPercent
enumeration	AirDryShortTon
enumeration	Bale
enumeration	BoardFoot
enumeration	BookUnit
enumeration	Box
enumeration	Bundle

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Tag	Mail.XML 12.0A
enumeration	C-Size
enumeration	Centimeter
enumeration	Cord
enumeration	CubicFoot
enumeration	CubicMeter
enumeration	Cubit
enumeration	Day
enumeration	DotsPerInch
enumeration	Foot
enumeration	Gallon
enumeration	Gram
enumeration	GramsPerSquareMeter
enumeration	Hour
enumeration	HundredBoardFeet
enumeration	HundredLinealFeet
enumeration	HundredPound
enumeration	HundredSquareFeet
enumeration	Inch
enumeration	Kilogram
enumeration	KilogramsPerDay
enumeration	KilogramsPerWeek
enumeration	KnownBreaks
enumeration	Layer
enumeration	Leaves
enumeration	LinearFoot
enumeration	LinesPerInch
enumeration	Load
enumeration	MagazineUnit
enumeration	Megabyte
enumeration	Meter
enumeration	MetricTon
enumeration	MetricTonsPerDay
enumeration	MetricTonsPerWeek

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Tag	Mail.XML 12.0A
enumeration	Micron
enumeration	Millimeter
enumeration	Minute
enumeration	Month
enumeration	None
enumeration	Package
enumeration	Page
enumeration	PagesPerInch
enumeration	PalletUnit
enumeration	Percentage
enumeration	PerThousand
enumeration	Picas
enumeration	Piece
enumeration	PixelsPerInch
enumeration	Pound
enumeration	PoundsPerDay
enumeration	PoundsPerHour
enumeration	PoundsPerWeek
enumeration	PulpUnit
enumeration	Ream
enumeration	Reel
enumeration	Set
enumeration	Sheet
enumeration	ShortTon
enumeration	ShortTonsPerDay
enumeration	ShortTonsPerHour
enumeration	ShortTonsPerWeek
enumeration	Signature
enumeration	Skid
enumeration	SquareInch
enumeration	SquareFeet
enumeration	SquareMeter
enumeration	ThousandBoardFeet

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Tag	Mail.XML 12.0A
enumeration	ThousandLinealFeet
enumeration	ThousandPieces
enumeration	ThousandSquareCentimeters
enumeration	ThousandSquareFeet
enumeration	ThousandSquareInch
enumeration	Ton
enumeration	TonsPerHour
enumeration	Unit
enumeration	UnknownBreaks
enumeration	Week
enumeration	Yard

8.217 simpleType: uniqueContainerIDType

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	12
minLength	1
whiteSpace	preserve

8.218 simpleType: userInformationLine1Type

Tag	Mail.XML 12.0A
Base	mailxml_base:s40

8.219 simpleType: userInformationLine2Type

Tag	Mail.XML 12.0A
Base	mailxml_base:s40

8.220 simpleType: userLicenseCodeType

Tag	Mail.XML 12.0A
Base	xs:string
maxLength	4
minLength	1
whiteSpace	preserve

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8.221 simpleType: uspsPickupType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	Y = Yes
enumeration	N = No

8.222 simpleType: verificationLocationType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	BMEU
enumeration	DMU

8.223 simpleType: wastedPieceIndicatorType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	W = Wasted
enumeration	S = Shortage
enumeration	X = Wasted piece and postage adjustment should NOT be triggered
enumeration	T = Shortage pieces not produced and postage adjustment should NOT be triggered

8.224 simpleType: weekFrequencyType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	Weekly
enumeration	Bi-Weekly
enumeration	First
enumeration	Second
enumeration	Third
enumeration	Fourth
enumeration	Fifth
enumeration	Sixth

8.225 simpleType: weightBreakType

Tag	Mail.XML 12.0A
Base	xs:string

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Tag	Mail.XML 12.0A
enumeration	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.
enumeration	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.
enumeration	H = For standard Mail Letters, piece weight is over 0.2063 lbs
enumeration	N = None

8.226 simpleType: yesNo

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	Yes
enumeration	No

8.227 simpleType: zipCodeThreeOrFiveDigit

Tag	Mail.XML 12.0A
Base	xs:string
pattern	"[0-9]{3}|[0-9]{5}" - Space removed

8.228 simpleType: zoneICType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	N = None
enumeration	M = [Future Placeholder]
enumeration	LC = Local
enumeration	1 = Zone 1 & 2
enumeration	3 = Zone 3
enumeration	4 = Zone 4
enumeration	5 = Zone 5
enumeration	6 = Zone 6
enumeration	7 = Zone 7
enumeration	8 = Zone 8
enumeration	ICD
enumeration	IC
enumeration	DDU

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Tag	Mail.XML 12.0A
enumeration	SCF
enumeration	ADC
enumeration	

8.229 simpleType: onePassOrTwoPassType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	One
enumeration	Two

8.230 simpleType: USPSPriceIncentiveType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	PostageAffixedReplyRidesFree
enumeration	Saturation-HDTotal
enumeration	Saturation-HDSCF
enumeration	Summer Sale

8.231 simpleType: USPSPriceIncentiveIDType

Tag	Mail.XML 12.0A
Base	mailxml_base:s10

8.232 simpleType: ContentOfMailType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	A
enumeration	B
enumeration	C
enumeration	E
enumeration	A1
enumeration	A2
enumeration	A3
enumeration	B1
enumeration	C1

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8.233 simpleType: uspsPackageUniqueCharacteristicType

Tag	Mail.XML 12.0A
Base	Xs:string

8.234 simpleType: StandardFlatTypeType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	Catalog
enumeration	NonCatalog

8.235 simpleType: MarketingOrFulfillmentType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	Marketing
enumeration	Fulfillment

8.236 simpleType: MLOCRRateType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	R
enumeration	N

8.237 simpleType: closeoutResolutionType

Tag	Mail.XML 12.0A
Base	xs:string
enumeration	DCD = Driver Contracted Dispatch Office
enumeration	DCO = Destination Contacted Origin
enumeration	DRL = Driver Reconciled Load
enumeration	INR = Irregularities Count Not be Resolved on Dock

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9. Appendix C - WSDLs and XSDs

The WSDL specifications are posted on RIBBS® and can be downloaded from the following location:
http://ribbs.usps.gov/intelligentmail_guides/documents/tech_guides/xmlspec/wsdls/wsdls.htm

The above RIBBS® URL provides WSDLs for TEM and Production environments, as well as Push messages. User should always use this link to access the correct and updated version of WSDLs in the future.

9.1 PULL WSDL LINKS FOR TEM ENVIRONMENT

To consume the WSDL services, the customer must use one of the following URLs in the TEM environments:

MESSAGE-TYPE WSDL URL Link(s)

The following link supports Mail.XML 8.0B version:

https://mailxmltem.uspspostalone.com/MailXML80ALLMsgType/WebServices/wsdl/USPSMailXML80ALLMsgType.wsdl

The following link supports Mail.XML Modular Specification:

On the Modular XSD, we support following WSDL points based on the Messages Group (Mailing, Supply Chain, Transportation, Data Distribution, and Identification). The WSDL end-point for the message group will not change, will support multiple versions of Modular spec. In Release 25 – only Mailing, Supply Chain and Transportation (limited messages) will be supported.

Mailing:

https://mailxmltem.uspspostalone.com/Mailing/WebServices/wsdl/Mailing.wsdl

Supply Chain:

https://mailxmltem.uspspostalone.com/SupplyChain/WebServices/wsdl/SupplyChain.wsdl

Transportation:

https://mailxmltem.uspspostalone.com/Transportation/WebServices/wsdl/Transportation.wsdl

Data Distribution:

https://mailxmltem.uspspostalone.com/DataDistribution/WebServices/wsdl/DataDistribution.wsdl

Identification:

https://mailxmltem.uspspostalone.com/Identification/WebServices/wsdl/Identification.wsdl

9.2 PULL WSDL LINKS FOR PRODUCTION ENVIRONMENT

To consume the WSDL services, the customer must use one of the following URLs in the Production environments:

MESSAGE-TYPE WSDL URL Link(s)

The following link supports Mail.XML 8.0B version:

https://p1webservices.uspspostalone.com/MailXML80ALLMsgType/WebServices/wsdl/USPSMailXML80ALLMsgType.wsdl

The following link supports Mail.XML Modular Specification:

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On the Modular XSD, we support following WSDL points based on the Messages Group (Mailing, Supply Chain, Transportation, Data Distribution, and Identification). The WSDL endpoint for the message group will not change, will support multiple versions of Modular spec. In Release 25 – only Mailing, Supply Chain and Transportation (limited messages) will be supported.

Mailing:

https://p1webservices.uspspostalone.com/Mailing/WebServices/wsdl/Mailing.wsdl

Supply Chain:

https://p1webservices.uspspostalone.com/SupplyChain/WebServices/wsdl/SupplyChain.wsdl

Transportation:

https://p1webservices.uspspostalone.com/Transportation/WebServices/wsdl/Transportation.wsdl

Data Distribution:

https://p1webservices.uspspostalone.com/DataDistribution/WebServices/wsdl/DataDistribution.wsdl

Identification:

https://p1webservices.uspspostalone.com/Identification/WebServices/wsdl/Identification.wsdl

9.3 PUSH WSDLs INFORMATION

Customers interested in using the Push Subscription model to receive the data feedback automatically at a specified time to their servers must understand the following WSDL name change information for both string-type and message-type WSDLs:

WSDL NAME: POCustomerMailXMLServices.wsdl

MESSAGE-TYPE PUSH WSDL

The customer needs to provide a URL for their Web Server and use the following WSDL that only supports Mail.XML version 8.0B. The Message-type WSDL will be strictly implemented post Mail.XML 9.0 version

For Mail.XML 8.0 – following WSDL name shall be used:

WSDL NAME: UserMailXML80PushMsgType.wsdl

For Mail.XML 9.1 – following WSDL name shall be used:

WSDL NAME: UserMailXML90PushMsgType.wsdl

For Mail.XML 12.0A – following WSDL name shall be used:

WSDL NAME for Data Distribution: DataDistributionPush.wsdl

WSDL NAME for Transportation: TransportationPush.wsdl

PUSH MESSAGES XSD NAME CHANGES INFORMATION

The USPS is implementing a new XSD name to support the Mail.XML 8.0B, Mail.XML 8.1 Push subscription messages. See below:

New XSD Name: UserPushSubscriptionMsg.XSD

Supported Versions: Mail.XML 8.0B, Mail.XML 9.0B, Mail.XML 12.0A

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10. Change History Archive

These are the changes from Mail.XML 12.0A FAST Version 6.0 to Mail.XML 12.0A FAST Version 7.0

Date	Section #	Title	Description
1/18/13	All		Updated cover and footer
1/18/13	All		Applied new formatting style

These are the changes from Mail.XML 12.0A FAST Version 5.0 to Mail.XML 12.0A FAST Version 6.0

Date	Section #	Title	Description
11/27/12	All		Updated cover and footer Updated grammar issues
11/27/12	4.1	Types of WSDLs	Clarified that string-type no longer supported
11/27/12	6.31	PartnerApptQueryRequest	Updated formatting
11/27/12	7.1.13	Delivery Content Query Response	Removed reference to Errata #89
11/27/12	7.1.14	Recurring Appointment Query Response	Removed reference to Errata #89
11/27/12	7.2	Multistop Support	Updated formatting
11/27/12	7.6	Support Mailer SubmitterTrackingID	Indicated that SubmitterTrackingID is required
11/27/12	9	Appendix C	Removed highlighting

These are the changes from Mail.XML 12.0A FAST Version 4.1 to Mail.XML 12.0A FAST Version 5.0

Date	Section #	Title	Description
11/07/12	All		Updated cover and footer
11/07/12	7.3	Error Codes/Return Values	Updated Error Codes
11/07/12	7.4	Drop Entry Point Warning Codes and Descriptions	Updated Warning Codes

These are the changes from Mail.XML 12.0A FAST Version 4.0 to Mail.XML 12.0A FAST Version 4.1

Date	Section #	Title	Description
10/30/12	1.2	Mail.XML 12.0B	Removed entire section
10/30/12	2.3	USPS® Limitation Rule on Transaction Requests	Removed disclaimer text
10/30/12	3.1	Roadmap of Mail.XML	Updated description of table

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Date	Section #	Title	Description
10/30/12	3.4	About this document	Removed references to other versions of Mail.XML that are not 12.0A
10/30/12	4.1.1	Consuming String-Type WSDLs	Added: NOTE: Mail.XML no loger supports String-Type WSDLs
10/30/12	6	Mail.XML 12.0A	Removed note at beginning of section
10/30/12	9	Appendix B - Mail.XML 12.0A	Removed note at beginning of section. Removed referneces to old versions of Mail.XML
10/30/12	10	Appendix C - WSDLs and XSDs	Removed refences to String-type WSDLs Removed references to older versions of Mail.XML
10/30/12	7.4	Drop Entry Point Warning Codes and Descriptions	Removed references to Mail.XML 6.0 and 8.0B
10/30/12	2.1, 4.1, 7.10		Removed reference to 9.0
10/30/12	7.10	Types of WSDLs	Added: NOTE: Mail.XML no loger supports String-Type WSDLs
10/30/12	5.2	Access to PostalOne! - FAST Web Services	Removed reference to previous Release

These are the changes from Mail.XML 12.0A FAST Version 3.0 to Mail.XML 12.0A FAST Version 4.0

Date	Section #	Title	Description
9/26/12	2.3	USPS Limitation Rule on Transaction Requests	Clarified customer pull software query limitations
9/26/12	3.3	Intended Audience	Updated description
9/26/12	3.5	How to Read Data Structure	Updated desctiption
9/26/12	6	Mail.XML 12.0A	Updated to reflect current versions supported
9/26/12	7.1.15	Partner Appointment Query Response	Formatting updates
9/26/12	7.3	Error Codes/Return Valeus	Updated IDEAlliance description
9/26/12	7	Additional Information	Formatting updates
9/26/12	9	Appendix B	Updated from ‘Appendix A’ to ‘Appendix B’ Formatting updates
9/26/12	10	Appendix C - WSDLs and XSDs	Formatting updates

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Date	Section #	Title	Description
9/26/12	3.1	Roadmap of Mail.XML	Updated Roadmap to reflect 8.0B decommission in April 2013 Added note for 6.0 decommision date
9/26/12	3.2	Purpose	Added clarification that users must log in to BCG to view drop ship and origin entry guides
9/26/12	7.3	Error Code/Return Value	Removed references to Mail.XML 6.0 Error Codes/Return Values Updated with 12.0A
9/26/12	7.4	Drop Entry Point Warning Codes and Descriptions	Removed references to Mail.XML 6.0/8.0 Updated with 12.0A
9/26/12	5.3	PostalOne! - FAST Mail.XML Web Services Supported Messages	Updated section to reflect latest versions of Mail.XML supported

These are the changes from Mail.XML 12.0A FAST Version 2.1 to Mail.XML 12.0A FAST Version 3.0

Date	Section #	Title	Description
8/15/12	All		Updated title page and footer
8/15/12	All		Updated SubmitterTrackingID to be required in all data structures
8/15/12	6.19	DeliveryApptCancelCreateRequest	Removed the statement about allowing the users to “transfer” the content of closed/no show/cancelled appointments to other appointments via DeliveryApptCancelCreate.
	3.1	Roadmap to Mail.XML	Added January 2013 to table

These are the changes from Mail.XML 12.0A FAST Version 2.0 to Mail.XML 12.0A FAST Version 2.1

Date	Section #	Title	Description
7/30/12	All		Updated title page and footer for July 30 publication.

These are the changes from Mail.XML 12.0A FAST Version 1.10 to Mail.XML 12.0A FAST Version 2.0

Date	Section #	Title	Description
7/5/12	All		Updated title page and footer for July 6 publication.
7/5/12	All		Corrected grammatical and misspelling errors throughout the document.

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Date	Section #	Title	Description
7/5/12	4.1.1 4.1.2	Consuming String-Type WSDLS Consuming Message-Type WSDLS	Updated number format from 4.1.1.1 and 4.1.1.2 to 4.1.1 and 4.1.2, respectively.

These are the changes from Mail.XML 12.0A FAST Version 1.9 to Mail.XML 12.0A FAST Version 1.10

Date	Section #	Title	Description
6/12/12	All		Corrected grammatical and misspelling errors throughout the document.
6/12/12	6.40	StaleContentQueryRequest	Removed the extra dots at the end of the sentences
6/12/12	6.34	AllDeliveryApptCloseoutRequest	Corrected the phrase "to handle large amount of closeout data" to be "to handle large amount(s) of closeout data"
6/12/12	All		Replaced all references to PostalOne! to be *PostalOne!*
6/12/12	1.1	Program Overview	Updated the weblinks to the technical specifications on RIBBS
6/12/12	All		Corrected speeling error of eIndcution to eInduction

These are the changes from Mail.XML 12.0A FAST Version 1.8 to Mail.XML 12.0A FAST Version 1.9

Date	Section #	Title	Description
5/16/12	All		Removed watermark and updated the document cover and footer for May 18 Initial Publication for RIBBS for October 2012 Release
5/16/12	6.19	DeliveryApptCancelCreateRequest	Added the following description: FAST shall allow mailers/users to add content to a new appointment without the user having to recreate the content in FAST. For closed/no show/cancelled the Content ID is not transferred, but the content details/elements are copied over to the new appointment and given a new Content ID.

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These are the changes from Mail.XML 12.0A FAST Version 1.7 to Mail.XML 12.0A FAST Version 1.8

Date	Section #	Title	Description
5/4/12	All		Updated cover and version numbering for October 2012 release
5/4/12	9.14, 9.25, 9.26, 9.31, 9.36, 9.45, 9.47, 9.48, 9.49, 9.59, 9.61, 9.62, 9.63, 9.64, 9.69, 9.77, 9.81,9.83, 9.106, 9.108, 9.117, 9.120, 9.127, 9.132, 9.139, 9.143, 9.148, 9.151, 9.163, 9.173, 9.179, 9.180, 9.187, 9.213, 9.221, 9.223, 9.232, 9.252	bundleLevelType, componentIDType, componentWeightType, container24CharacterBarcodeType, containerGroupingDescriptionType, containerType, cptPeriodicalAdPercentageType, cptPeriodicalAdPercentageBasisType, cptPeriodicalAdPercentageBasisType, daysType, dec03-2, dec04-3, dec18-6, dec10-4, eMD8125ASNBarcodeType, es2, es31, fASTContentIDType, inOutCountyIndicatorType, int04 , maildatRecordStatus, mailIssueType, mailXMLStatusType, moveUpdateType, ns08, ns13, n04, newAddressType, periodicalStatementType, postageStatementStateType, pvdsContainerType, pvdsContainerSubType, recipientType, s31, s72, s255, segmentIDType, unloadStateType	Removed simple types indicated from section 9

These are the changes from Mail.XML 12.0A FAST Version 1.6 to Mail.XML 12.0A FAST Version 1.7

Date	Section #	Title	Description
04/25/12	8.22	consigneeFacilityType	Removed additional required FacilityAddress element
04/25/12	All		Updated cover and version numbering for October 2012 release
04/25/12	6.21, 6.24, 6.7, 6.9	DeliveryApptCreateRequest, DeliveryApptUpdateRequest, DeliveryContentCreateRequest, DeliveryContentUpdateRequest	Added a business rule note: Please be aware that mailers must create eInduction contents separate from non eInduction contents, else every barcode (IMcb) pallet identified under an eInduction content will be marked for eInduction processing and will be expected to have eDocs and unique Imcbs.
04/25/12	3.1	Roadmap of Mail.XML	Added column to table for October 2012 Release

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These are the changes from Mail.XML 12.0A FAST Version 1.5 to Mail.XML 12.0A FAST Version 1.6

Date	Section #	Title	Description
04/09/12	All		Updated cover and version numbering for April 10 Final Publication for RIBBS
04/09/12	All		Removed the DRAFT watermark seal

These are the changes from Mail.XML 12.0A FAST Version 1.4 to Mail.XML 12.0A FAST Version 1.5

Dates	Section #	Title	Description
3/27/2012	3.1	Roadmap of Mail.XML	Updated Mail.XML 6.0 retirement date to April 1, 2012

These are the changes from Mail.XML 12.0A FAST Version 1.4 to Mail.XML 12.0A FAST Version 1.4

Dates	Section #	Title	Description
3/13/2012	All		Updated title page, header, and footer
3.13.2012	6.34, 6.35, 6.38, 6.28, 6.29, 6.19, 6.20, 6.21, 6.22, 6.26, 6.27, 6.24, 6.25, 6.1, 6.2, 6.3, 6.4, 6.7, 6.8, 6.11, 6.12, 6.9, 6.10, 6.31, 6.32, 6.48, 6.49, 6.15, 6.16, 6.40, 6.41, 6.44, 6.45		Added optional SubmitterTrackingID string 20 element to multiple request/response messages

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Dates	Section #	Title	Description
03/14/12	12.3	USPS® Limitation Rule on Transaction Requests	Added a disclaimer to inform users/mailers the statement and limitation in this section are under review by the USPS. Updates for this section will be provided in the next Mail.XML technical specification publication.

These are the changes from Mail.XML 12.0A FAST Version 1.2 to Mail.XML 12.0A FAST Version 1.3

Dates	Section #	Title	Description
3/13/2012	All		Updated title page, header, and footer

These are the changes from Mail.XML 12.0A FAST Version 1.1.4 to Mail.XML 12.0A FAST Version 1.2

Dates	Section #	Title	Description
3/1/2012	7.6	Support Mailer SubmitterTrackingID on MailXML 12.0A Messages	Added entire section 7.6 Support Mailer SubmitterTrackingID on MailXML 12.0A Messages
3/1/2012			Added updated table after title page. Technical Support from the USPS Help Desk and Tier 2 Support:
3/1/2012	7.5	Fault Codes	Added 501
3/1/2012	7.3	Error Codes/Return Values	Added 1510
3/1/2012	6.2, 6.4, 6.8, 6.12, 6.14, 6.16, 6.20, 6.22, 6.25, 6.27, 6.29, 6.32, 6.35, 6.39, 6.41, 6.45, 6.49, 8.59		Updated TrackingID element from 'String 12' to 'String 20'

These are the changes from Mail.XML 12.0A FAST Version 1.1.1 to Mail.XML 12.0A FAST Version 1.1.4

Dates	Section #	Title	Description
12/22/2011	All		Updated header/footer & title page
2/20/2012	8.9	Complex Type: apptInfoType	Created Complex Type: apptInfoType
2/20/2012	9.46	containerstatustype	Removed 9.46 containerstatustype

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Dates	Section #	Title	Description
2/20/2012	9.260	verificationReportType	Removed 9.260 verificationReportType
2/20/2012	8.74	SubmittingParty/ participantIDType	8.74 updated from 'SubmittingParty/ participantIDType' to 'participantIDType'
2/21/2012	8.67	ResponseMsgHeaderInfo	Added IncludeElectronicLoad to 5.60 Attribute Type: ResponseMsgHeaderInfo

These are the changes from Mail.XML 12.0A FAST Version 1.1.0 to Mail.XML 12.0A FAST Version 1.1.1

Dates	Section #	Title	Description
01/06/2012	1.6	USPS® Limitation Rule on Transaction Requests	Edited the text of this section for clarity
01/06/2012	1.7	Roadmap of Mail.XML	Updated the Mail.XML Suported Versions in FAST from Release 18 to 21
01/06/2012	3.4	About this Document	Revised the narratives to clearly describe the purpose and format of data structure tables; corrected the reference to Appendix E to B
01/06/2012	All		Changed text From "Refer to this simple type in Appendix E" to "Refer to this simple type in Appendix B" throughout the document to correct references to Simple Types
01/06/2012	All		Changed text from "Refer to this complex type in Appendix B" to "Refer to this simple type in Appendix A" throughout the document to correct references to Complex Types
01/06/2012	All		Changed text from "Refer to this attribute in Appendix B" to "Refer to this attribute in Appendix A" throughout the document to correct references to Attribute Groups

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Dates	Section #	Title	Description
	1.10	About This Document	Updated references to Appendices, Mail.XML versions and overview of the sections

These are the changes from Mail.XML 12.0A FAST version 1.1.1 posted on RIBBS (December 23, 2011) to Mail.XML 12.0A FAST Version 1.1.2. (*Note: The final Mail.XML version will be* .

Dates	Section #	Title	Description
01/03/12	All		Update Footer and Cover page with correct version number and revision date Added USPS Foreword on 2nd page to describe scope of Change request (CRs) included for Jan 9, 2012 publication
12/28/2011	5.60	Attribute Type: ResponseApptUpdateMsgHeaderInfo	Added new optional yesNo attribute IncludesElectronicLoad to ResponseApptUpdateMsgHeaderInfo
12/28/2011	5.58	Attribute Type: RequestMsgHeaderInfo	Added new optional yesNo attribute IncludesElectronicLoad to RequestMsgHeaderInfo
12/28/2011	5.48	Attribute Type: PickupRequestHeaderInfo	Added new optional yesNo attribute IncludesElectronicLoad to PickupRequestHeaderInfo
12/26/2011	All	Header & Footer	Updated header and footer

These are the changes from RIBBS Mail.XML 12.0A Version 1.1.0 to Mail.XML 12.0A Version 1.1.1. (*Note: The final Mail.XML version will be* .

Dates	Section #	Title	Description
12/22/2011	3.3.1	PartnerApptQueryRequest	Added new business rules available in April 2012. ConsigneeApptID not required, and one week date range can be used to query.
12/22/2011	All		Changed 12.0 to 12.0A throughout document
12/16/2011	6	Mail.XML 12.0A – Simple Type Data Structures	Replaced all simple type and headers from Mail.XML 10.0 to Mail.XML 12.0A
12/16/2011	5	Appendix A – Mail.XML 12.0A FAST Complex Types	Replaced all complex type and headers from Mail.XML 10.0 to Mail.XML 12.0A
12/16/2011	3	Mail.XML 12.0A – FAST Message and Data Structures	Replaced all message and headers from Mail.XML 10.0 to Mail.XML 12.0A

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Dates	Section #	Title	Description
12/16/2011	1.7	Roadmap of Mail.XML	Added column for Release 20.0 and 21.0, and their respective Mail.XML supported versions Updated table of supported messages with a new column for Mail.XML 12.0A
12/13/2011	All	Footer and Header	Updated through out document, indlucing footer and header, to reflect Mail.XML 12.0A

These are the changes from RIBBS Mail.XML 12.0A version 1.0.0 (Sept 30, 2011) to Version 1.1.0

Dates	Section #	Title	Description
11/10/2011	1.7	Roadmap of Mail.XML	Updated the note Changed the decommissioning date of Mail.XML 6.0D from December 30th, 2011 to January 8th, 2012. Included Mail.XML Release 28 and 29 in the table.
11/07/2011	All	Footer and Header	Updated footer and header

These are the changes from RIBBS Version 9.5.3 (Aug 9, 2011).

These changes are being implemented to contribute to the goal of editing of the Postal Service Mail.XML technical specification by function (eDoc, Data Distribution, FAST), which are themselves further divided by Mail.XML versions ie. 9.0C, 12.0A , 11.0 supported in a release.

These changes are being implemented to contribute to the goal of breaking down and editing the Postal Service Mail.XML technical specifications by Mail.XML supported versions to facilitate editing and enhance readability and navigation throughout the document.

In addition, to easier navigation, some sections such as the appendixes have been reorganized.

Previously the technical specifications were just divided by function (eDoc, Data Distribution, FAST). In that scheme, all supported Mail.XML for each release were all combined in one technical specification per function release. i.e. For Release 28 (November 2011) the Mail.XML eDoc technical specification included the supported Mail.XML versions 9.0B, 9.0C and 12.0A C, as while the FAST technical specification containing Mail.XML 8.0B and 12.0A versions.

This approach resulted sometimes in bulky document that became difficult to edit, manage or read as with documents mounting up to sometimes 1000 pages.

With the new editing process, the technical guides are edited focusing on the Mail.XML supported version per function.

For instance, the FAST guide supporting Mail.XML 8.0B and 12.0A versions will have two different sub-Technical specifications for Release 29 (January 2012).

Each technical specification will also group all Mail.XML version and their respective supported errata versions.

For instance, 9.0B and 9.0C supported in eDoc technical specification for Release 28 are combined in one document since they are errata for Mail.XML 9.0. However if Mail.XML 8.0B and 8.1 were

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supported, they would have been in two different documents since they are not of the same Mail.XML version.

By convention, Mail.XML version name containing a letter, such as 7.0C, 9.0B, 12.0A A are considered errata. In contrast, Mail.XML 8.0 and 8.1 are considered to be two different versions.

The following are the changes from Version 9.5.3 to Version 1.0.0

The version number of the document is being reset to 1.0.0 instead of following the 9.5.3 series because of the new editing approach explained above.

Note that the contents of the business rules and data structures do not change from Version 9.5.3 to Version 1.0.0 in this document. Only the format and organization of the document are modified to facilitate editing for the editors and readability for the readers.

Dates	Section #	Title	Description
09/29/2011	4.3.1	Updated Error and Warning messages	Inserted a new table for Updated Error and Warning messages
09/29/2011	3.34	AllDeliveryApptCloseoutRequest	Update: Mailxml10 ‘AllDeliveryApptCloseoutRequest ’ with Date Range (Start,End) provided on the request will match date range provided with ‘ScheduledAppt ’ to retrieve ‘ConsigneeGoodsReceipt ’, and ‘ActualTruckArrival ’ to retrieve ‘UnscheduledConsigneeGoodsReceipt ’ . If the Start and End date parameters are not provided, the system will provide all of the available and unrequested data
09/29/2011	1.7	Roadmap of Mail.XML	Changed the decommissioning date of Mail.XML 6.0D from October 28, 2011 to December 30, 2011.
09/26/2011		Document Change History	Added the changes history from the previous versions to have a complete history log of the guide updates.
09/26/2011		Document Change History	Added “NOTE: Below are the document updates before the split into one Mail.XML major version per technical specification.” to the history log
09/01/2011		Document Change History	Added a new column “Date” to the table of Change History to record the dates of implemented changes.
08/31/2011	3.0	Mail.XML 12.0A - FAST Message and Data Structures	Added new headers to the tables of Mail.XML 12.0A FAST message data structures

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Dates	Section #	Title	Description
08/31/2011	5.0	Appendix A	Added new headers to the tables of Complex and Attribute Data Types Data Structure for Mail.XML 12.0A
08/25/2011	Title and Header		Updated Title and Header to include Mail.XML 12.0A
08/25/2011	Footer		Updated Footer with current version 1.0.0 and date

***NOTE**: Below are the document updates before the split into one Mail.XML major version per technical specification.*

The following are the changes from Version 9.5.2 to Version 9.5.3

Section #	Title	Description
Title and Header		Updated Title and Header to include January 2012 Release
Footer		Updated Footer with current date 8/09/2011
All	Mail.XML Data Structure for 7.0C messages	Remove all references to Mail.XML 6.0D
All	Mail.XML Data Structure for 6.0D messages	Removed the note stating that this section will be removed from this guide at its next update schedule.

The following are the changes from Version 9.5.1 to Version 9.5.2

Section #	Title	Description
All	Mail.XML Data Structure for 6.0D messages	Removed the note stating that this section will be removed from this guide at its next update schedule.
All	All	Changed the reference across this document from 9.1 to 12.0A since FAST shall be supporting 12.0A and not the 9.X version
Section 3	Mail.XML Data Structure for 6.0D messages	Added a note to clearly state that this section will be removed from this guide at its next update schedule.
All	All	Updated the data structure of existing Mail.XML 10 version section to Mail.XML 10A version Updated the complex type associated with the Mail.XML 10A messages Updated the complete Simple Type table in Appendix B
All	All	Updated rules, language and grammar
All	Heading formatting	Heading formatting throughout the document for better readability and clear organization

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Section #	Title	Description
Section 1.5	Roadmap of Mail.XML	Removed the column for Mail.XML 6.0D messages

Following are the changes from Version 9.4 to Version 9.5.1

Section #	Title	Description
1.1	Program Overview	1. Added a detailed section on the scope of Mail.XML 9.1/12.0A and explained the new XSD hierarchy that is being introduced from Mail.XML 9.X version. 2. Re-arrange the section to clearly outline the change history for Mail.XML 8.1 version
1.2	About Schema Modularization	Added a new section to describe the new XSD hierarchy and individual modules. Explained each module briefly to help reader understand each module.
1.3	What Schema's Cover FAST functionality?	Added a new section to help reader clearly understand the modules that constitutes FAST functionalities.
1.4	USPS® Limitation Rule on Transaction Requests	Added a new section to clearly outline the USPS limitations for users of FAST functionalities on the number of requests that they should attempt in a day.
1.5	Roadmap of Mail.XML	Updated the roadmap table to reflect the correct versions that are being supported today and will be supported in January 2011 and Summer or Fall of 2011. Also updated the table that lists all messages organized by versions to reflect the new messages that will be added and supported in Mail.XML 9.1/12.0A version.
1.8	About This Document	Added a clarification note stating that simple type included in Appendix B is same across all Mail.XML technical specifications.
1.11	Environments Supported by USPS	Added section on TEM and Production environments and briefly explained each environment.
1.12	*PostalOne!* WSDL Information	Re-written the section clearly explain the different types of WSDLs that user can use to consume the WSDLs such as "String-Type WSDL" and "Message-Type WSDL"
2.1	Overview (FAST)	Added a brief description on when Mail.XML 9.1/12.0A for FAST will be supported.
2.3	*PostalOne!* FAST Mail.XML Web Services Supported Messages	Added a description explaining the workflow of FAST messages in all supported versions.

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Section #	Title	Description
2.4	FAST Workflow for Mail.XML	Properly arrange the section to clearly show the workflow of FAST messages.
3.0	Mail.XML 6.0D – FAST Messages and Data Structure	Formatted the section to follow format used throughout the document.
5.0	Mail.XML 9.1/12.0A – FAST Messages and Data Structure	Added a new section that lists all Mail.XML messages supported in FAST with details on every message such as business rules and data structure
Appendix A	WSDLs and XSDs	Added new links/url for the Mail.XML 9.1 and future versions.
Appendix A	Mail.XML 9.1/12.0A – FAST Complex types Data Structures	Added a new appendix listing all the complex types and attributes blocks used by FAST messages with details such as Business rules and data structure.
Appendix B	Simple Types Data Structure	Updated this section with all new and modified simple types.

Following are the changes from Version 9.3 to Version 9.4

Section #	Title	Description
6.1	Closeout Data	Added a section to provide the current workflow of how closeout data is disseminated to MailOwner and MailPreparer

Following are the changes from Version 9.2 to Version 9.3

Section #	Title	Description
Document	Throughout	Fixed the formatting; language; and spellings throughout the document.
Document	Throughout	The word 'PostalOne!' was replaced with '*PostalOne!*' throughout the document.
1.1	Mail.XML 8.0	Fixed typo, corrected Mail.XML to Mail.XML
1.9	All	Added more details to explain the usage of the MailPreparerID field for Standalone content and distribution of closeout data.
4.8	Mail.XML 8.0 B Specific Business Rules	Statement/Item/Bullet 6. Rephrased parts of the statement. Added the closeout blocks that contain closeout information.

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Following are the changes from Version 9.1 to Version 9.2

Section #	Title	Description
Appendix A	WSDLs and XSDs	Added the URL to access the Mail.XML 8.1 WSDLs and XSDs in TEM and Production environment.

Following are the changes from Version 9.0 to Version 9.1

Section #	Title	Description
All	All	Clearly stated that FAST will support only 6.0D and 8.0B versions of Mail.XML in November 2010 release.
1.6	How To Read Data Structure	Added clarity for the reader to understand what the difference is between Required, Optional, and Conditionally required elements. In addition, clarified scenarios where a block within the message is REQUIRED but all elements within the block are OPTIONAL and vice versa.
1.8	Exceptions	Added Exceptions for 8.0B for CSA pallets and for recurring appointments. Deleted Exception about UTF-8 BOM issue which is fixed in May 2010
4.0	Mail.XML 8.0B – FAST Messages and Data Structures	Added ability to query for Drop Ship and Origin Entry recurring appointment by status.
4.1.1	Appointment Closeout Messages	Added SchedulerCRID and CreatorSchedulerCRID.
4.1.3	ConsigneeGoodsReceipt	Removed RecurringAppt and ConsigneeFacility.
4.4.4	DeliveryApptQueryRequest	Added SubmittingParty and SubmittingSoftware.
4.4.5	DeliveryApptCancelCreateRequest	Switched the order of SchedulerID and SchedulerCorpID.
4.4.8	DeliveryApptCancelResponse	Removed CancelConfirmID.
4.4.10	DeliveryApptCancelCreateResponse	Removed CancelConfirmID.
4.5.8	DeliveryContentQueryResponse	Removed ShipperStopNumber.
6.1	Additional Rules/Constraints	Changed description for Container Level AE, AF, and AG. Also, added rules for PartnerApptQueryResponse and DeliveryContentQueryResponse

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Section #	Title	Description
6.3	Error Codes/Return Values	Added messages 3081, 3100, 3135, and 3158 through 3161.

Following are the changes from Version 8.9 to Version 9.0

Section #	Title	Description
All	All	Performed spell check and grammar correction
All	All	Removed Messages, data structures, and business rules associated with Mail.XML 4.0 for FAST
1.8	Exception	Added the following exception: An issue has been identified in the processing of appointment contents for logical mailings. If only Mail.dat summary block is provided in the Mail.XML, appt create messages, then due to a specification limitation *PostalOne!* may not send accurate data to the FAST system. Logical mailers must send the USPSSummary block until the Mail.XML 9.0 specification is updated and implemented by PO/FAST.
1.8	Exception	Added the following exception: An issue with processing of UTF-8 BOM (Byte Order Mark) character has been identified. At this time *PostalOne!*/FAST does not support UTF-8 BOM characters and this feature will be supported in a future release.

Following are the changes from Version 8.8 to Version 8.9

Section #	Title	Description
All	All	Update references of Mail.XML 8.0 to Mail.XML 8.0B, SchedulerID and SchedulerCorp ID are optional fields for FAST messages in Mail.XML 8.0B Added comment that 4.0 support is going away in summer 2010
All	All	Corrected the messages in this Specs to match with the names used in the Mail.XML XSD
1.1, 1.3, 1.5,	Intro, purpose, Mail.XML 8.0B	Updated the sections for 8.0B and to make them FAST specific
1.8	Exceptions	- Grammar corrections made for the row with title 8.0B - Added Consignee Appointment ID alongside Appointment ID
1.6	Issue Resolution	Added new section that provides a link for readers to get most updated list of issues and work-arounds from the RIBBS® website. Added current examples of issues.

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Section #	Title	Description
1.8	Exception	Added 8.0D MaildatCode exception and modified the 6.0D presort code exception
2	FAST Workflow for Mail.XML	Section reviewed and message names updated to reflect new message names, primarily replaced the words “Appointment” with “Appt”
2.3	*PostalOne!* - FAST Mail.XML Web Services Supported Messages	Removed the first paragraph, as it was the information provided in the second paragraph covered the information in the first one.
2.4	DeliveryContent Message name	Updated messages name from DeliveryAppointmentContent to DeliveryContent. Added information support for DeliveryContent messages for Transporters. Added the Mail.dat recurring update scenario just for Mail.dat updates
4.4	Delivery Appointment Messages	Grammatical updates made to make the list more consistent,
5.1	Update attribute name	AllAppointmentCloseoutResponse changed to AllApptCloseoutResponse, AllDeliveryAppointmentCloseoutResponse changed to AllDeliveryApptCloseoutResponse, RequestMessageHeaderInfo to RequestMsgHeaderInfo, Changed CreatorSchedulerCorpID to optional
5.4	Delivery Appointment Messages	Grammatical updates made to make the list more consistent.
5.8	Mail.XML 8.0B Specific Business Rules	Added the Mail.dat transportation updates clarification for the recurring appointment for Full-Service compliance.
6.1	Additional Rules/Constraints	Updated rules for the when errors are returned as part of the Delivery Appointment Query message. Added logic for returning a ReturnInfoBlock with IMCB warnings Noted which functionality is for only certain Mail.XML specifications. Updated rules for multiple Mail.XML specifications to include Mail.XML 8.0B. Added details of the interaction between Web Services and the online application Added the description of two new files i.e. BMEU and CET file that is available for download from fast.usps.com -> Resources -> Drop Ship Product Download section. The BMEU file can be used to identify the Locale Key of the Plant and CET file can be used to determine the Critical Entry Time of the Plant by which the mail must arrive for induction

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Section #	Title	Description
6.10	Closeout Messaging for Mail Owner and Mail Preparers	Added details of Mail Owner and Mail Preparer support for Closeout messages
6.12	Authentication	Updated authentication details as of March 2010 to include what portions *PostalOne!* will continue to perform and what portions FAST will take over
Appendix B	Simple Type	Added the English translation for the simple type codes/enumerations
INDEX	INDEX	Index added at the end of the document

Following are the changes from Version 8.7 to Version 8.8

Section #	Title	Description
6.8	*PostalOne!* WSDL Information	Added the definition for String-type and Message-type WSDLs
Appendix A	WSDL and XSD	Added the URL's for accessing the different WSDLs for TEM and production environments.

Following are the changes from Version 8.6 to Version 8.7

Section #	Title	Description
All	All	Fixed spelling and grammar mistakes.
5.0	Mail.XML 8.0B Specifications (Full-Service Release 3 FAST Messages)	Added new fields to message layouts and added a list of supported capabilities of FAST in Mail.XML 8.0 Version for March Release.
6.3	Error Codes/Return Values	Added return codes 3145, 3146, 3147, 3148, 3149, 3150, and 3151.
6.4	Drop Entry Point Warning Codes and Descriptions	Added additional warning codes 4028 and 4029. Updated text and explanation of warning codes 4018 and 4020.
Appendix D	Appendix D for Complex Types Data Structure for Mail.XML 8.0 Specification for FAST Messages	Added Appendix D for Complex Types Data Structure for Mail.XML 8.0 Specification for FAST Messages with message descriptions in alphabetical order
Appendix B	Simple Types Data Structure	Rename Appendix D to Appendix B. Updated content header format to body text format.

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Following are the changes from Version 8.5 to Version 8.6

Section #	Title	Description
All	All	Renamed the references of Mail.XML 7.0C to Mail.XML 8.0B throughout the document
All	All	Updated the element names with the actual simple type names
All	All	Fixed spelling and grammar mistakes.
1.2	Roadmap of Mail.XML	Added new section to outline the Mail.XML versions supported in Pre/ Post November Release and March 2010 release.
1.3	Document Scope	Added the clarification in the 'Document Scope' section to clearly outline the content of the FAST specification
1.5	About This Document	Added clarification note to explain the Appendix D (Simple Types Data Structure) and also identify the exception that Appendix D does not contain simple types for Mail.XML 4.0 version
1.7	Exceptions	Added an exception that when customer is providing USPSSummary block data for FAST appointment/content management – it is recommended that they also provide maildatsummary block data when available even though maildatsummary block is not required. This data will be useful for future eInduction application support. Another exception is that if the customer is submitter than they will not get the closeout data. Closeout data is provided to Mail Owner, Mail Preparer, and Scheduler only Another exception is that for entity creating Stand-alone content, the entity shall provide their own SchedulerID or CRID to the FAST system in the MailPreparerID field of ContentUSPSSummaryType block in DeliveryContentCreateRequest and DeliveryContentUpdateRequest Messages
6.3	Error/Return Codes	Corrected one Error/Return code from '3014' to '314'
6.8	*PostalOne!* WSDL Information	Added a note to state that Mail.XML 8.0 WSDLs will be available later.
5.1	*Business rules for 8.0B*	Added this new section to identify new business rules for the Mail.XML 8.0B March 2010 implementation.
Appendix A	WSDL	Added a note that Mail.XML 8.0 WSDLs will be available later
Appendix D	Simple Types Data Structure	Added new appendix to show the simple types data structure

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Following are the changes from Version 8.4 to Version 8.5

Section #	Title	Description
All	All	Renamed the references of Mail.XML 7.0B to Mail.XML 7.0C throughout in the document
All	All	Specified the acceptable format for 'date' and 'datetime' data type as 'YYYY-MM-DD' and 'YYYY-MM-DDTHH:MM:SS' respectively
All	All	Globally renamed 'Mail.XML' to 'Mail.XML'
All	All	Italicized the word '*PostalOne!'* throughout the document
All	All	Corrected spelling and grammar mistakes
1.3	Intended Audience	Added a new section 'Intended Audience'
1.4	About This Document	Added new section 'About This Document'
4.0	Mail.XML 6.0D Specifications	Added a list of supported capabilities of FAST in Mail.XML 6.0D Version for November Release. With November 15th release of Full-Service Release 2, the following additional capabilities are available in FAST for customer transported origin entry appointments (First-Class Mail, Standard Mail, Periodicals, and Package Services) in Mail.XML 6.0D. Joint Scheduling The ability to create and manage appointments at 10 minute intervals for one-time and recurring appointments The ability to provide the Intelligent Mail Container Barcode (IMCB) up to 5 days past the appointment date/time using the DeliveryContentUpdateRequest
4.4 4.4.1 4.4.2 4.4.3 4.4.4 4.5 4.5.2 6.1	Multiple	Added and clarified existing business rules. 4.4: The ability to create appointments at 10-minute intervals for customer transported origin entry appointments (First-Class Mail, Standard Mail, Periodicals, and Package Services). This applies to one-time and recurring appointments. This will be available in FAST as of November 15, 2009. 4.4.X: added 10 minute and 5 day rules, as well as class description. 6.1: Mail.XML 6.0D DeliveryApptShellCreateRequest messages will be designated as drop ship if the PickupOrDelivery element is set to "Delivery". If the PickupOrDelivery element is set to "Pickup", the DeliveryApptShellCreateRequest message will be designated as Origin Entry.
Appendix A	WSDL	Removed push WSDLS and XSDs from eDoc, since eDoc does not support PUSH capability. Updated the URL from where the latest WSDL files can be downloaded.

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Section #	Title	Description
Appendix-B and Appendix-C	-	Removed the exception added in Version 8.3 for the missing state codes and incorrectly spelled state code of Missouri because it will be fixed in Mail.XML 7.0C

Following are the changes from Version 8.3 to Version 8.4

Section #	Title	Description
4.2	Appointment Shell Messages	Removed note for Delivery Appointment Shell messages only working for drop shipment scenarios.
4.5	Delivery Content Messages	Removed note for Delivery Content messages only working for drop shipment scenarios.
4.5.2	Delivery Content Update Message	Added a note about the Delivery Content Update Message and updates to the IMCB for OE content
6.1	Additional Rules/Constraints	Added an additional validation to clarify that the Origin Entry appointments may be scheduled in 10-minute intervals.
6.3	Error Codes/Return Values	Added return codes 3136, 3137, 3138, 3139, 3140, 3141, 3142, 3143, and 3144. Updated text of return code 3053. Added one more variation for Fault Code 500
6.4	CIN Warning Codes and Descriptions	Added warning codes 4028 and 4029. Updated text and explanation of warning codes 4018 and 4020.
6.6	Web Services Additional Constraints	Updated Mail.XML 6.0D namespaces and schema locations
6.8	WSDL Information	Added clarification and links for String-types WSDL and XSD-type WSDLs
Appendix-B and Appendix-C	-	Added an exception note on missing state codes

Following are the changes from Version 8.2 to Version 8.3

Section #	Title	Description
1.4	Exceptions	Added a section “Exceptions” that lists all exceptions of FAST functionality.

The following is the change history from Version 8.1 to Version 8.2

Section #	Title	Description
Document	All	Changed the reference of Mail.XML 7.0A to Mail.XML 7.0B as latest version of Mail.XML Clarified that FAST messages in Mail.XML 7.0B will be supported in March 2010 release.

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All Previous Change History

Section #	Title	Description
Document	All	Created new document 'Postal Service Mail.XML Technical Specification for Appointment Scheduling (FAST)' from the original 'Postal Service Mail.XML Technical Specification Version 7.5'
Document	All	Renamed the 'Errata Identified' column to 'Comments' in all data structure tables
Document	All	Used the correct references of Mail.XML version. Replaced Mail.XML 7.0 references to Mail.XML 7.0A
1.1	What is Mail.XML?	1. Clarified the correct version of the Mail.XML in November release i.e. 7.0A 2. Added clarification on what versions of Mail.XML will be supported in November i.e. Mail.XML 4.0, Mail.XML 6.0D and Mail.XML 7.0A 3. Added table that lists the messages supported in Mail.XML 4.0 specification 4. Added table that lists the messages supported in Mail.XML 6.0D specification 5. Added table that lists the messages supported in Mail.XML 7.0A specification

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Section #	Title	Description
1.2	Purpose	Added the following Introduction to the Purpose Section: Facility Access and Shipment Tracking (FAST) is a USPS appointment scheduling system utilized by large volume customers to provide advanced notification (logistics and mail content) of mail induction. FAST appointments are required for drop shipments as well as Full-Service customer-transported origin entry mailings. Mailers can provide this data via on-line or Web Services integration between their supply chain systems. Additionally, FAST leverages USPS enterprise systems to incorporate facility information, customer information, address information, and drop ship discounts processed at a corresponding USPS facility. While scheduling, FAST validates the advanced notification information provided by mailers against the "facility profile." Key operational validation questions include: Is the facility open and staffed to handle drop shipments? Does this facility accept/process the drop shipment discounted mail that is planned for induction? Does the volume of mail planned for induction exceed the facility's capacity? Once the advance notification information is validated in FAST, this data is vital to the USPS for facility planning, dock utilization, yard management, and other operational activities. Also Removed the references for MTAC in this section. Also, added clarification that list of error codes, return code, and WSDL are part of this specification
1.3	Environments Supported By USPS	1. Converted existing paragraph into new section 2. This section lists and describes the environment that will be supported by USPS in November 2009 3. Removed the 'CAT (Customer Acceptance Environment' paragraph from this section
2.5	FAST Workflows for Mail.XML 6.0	Added Section for FAST Workflows for Mail.XML 6.0
3.0	Mail.XML 4.0 Specifications	Added data structures for the Mail.XML 4.0 Specification supported messages as per the family of messages. Added a new Section for Mail.XML and provided the updates.

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Section #	Title	Description
4.0	Mail.XML 6.0D Specifications	Added data structures for the Mail.XML 6.0D Specification supported messages as per the family of messages.
4.1.2	AllApptCloseoutResponse Message	Added “CreatorSchedulerCRID’ or type Mail.XML_base:CRIDTYpe as an optional attribute.
5.0	Mail.XML 7.0A Specifications	Added the only changes to from Mail.XML 6.0D to Mail.XML 7.0A
6.5	Fault Codes	Updated the Fault Error Codes. Added three variations of 412 and one variation of 403 fault codes.
6.8	*PostalOne!* WSDL Information	Added clarification on WSDL and User Authentication XSD and provided links for downloading WSDL and links for accessing the web service in Production and TEM environment
Appendix A		Added Appendix A for WSDLs and XSDs from the original Mail.XML Specification
Appendix A		Added Appendix A for Complex Types Data Structure for Mail.XML 4.0 Specification for FAST Messages with message descriptions in Alphabetical order
Appendix C		Added Appendix C for Complex Types Data Structure for Mail.XML 6.0D Specification for FAST Messages with message descriptions in Alphabetical order

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