# Mail.XML 16.0 Technical Specification

# FAST

## Version 4

## February 6,2015

**Prepared by**

**United States Postal Service**

## Release Version Support

This document contains information pertaining to Mail.XML release version 16.0A and the following USPS FAST Releases:

- Release 30 January 2015

## 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.

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# Document Change History

**FAST-16.0-R30 Edition 1 Change 0:**

| Date | Section | Title | Description |
|---|---|---|---|
| 11/05/2014 | All | All | Document Creation |
| 11/10/2014 | 5.x | Appendix A | Updated MailDatCode references to ContainerLevel due to change in specification |

**FAST-16.0-R30 Edition 2 Change 0:**

| Date | Section | Title | Description |
|---|---|---|---|
| 12/19/2014 | 4.4 | Error Codes/Return Values | Added action messages to some error codes |
| 12/19/2014 | All | All | Updated Cover Page and footers |
| 12/22/2014 | All | Title Page and Footers | Changed all to Version 3 |

**FAST-16.0A-R30 Edition 3 Change 1:**

| Date | Section | Title | Description |
|---|---|---|---|
| 12/23/2014 | 4.4 | Error Codes/Return Values | Modified Action messages for Error codes 1011, 1018, and 3148 |
| 12/29/2014 | 4.4 | Error Codes/Return Values | Added, corrected or added to this Change History the following Error Codes: 1004, 1009, 1010, 1012, 1015, 1018, 1019, 1202, 3009, 3019, 3028, 3083, 3110, 3129 |


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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 use 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 Specifications, 2014 is separated based on subject matter into the following volumes:

Postal Service Mail.XML Technical Specification for Postage Payment & Reporting (eDoc)

Postal Service Mail.XML Technical Specification for Appointment Scheduling (FAST)

Postal Service Mail.XML Technical Specification for Profiles & Full-Service Feedback (MID-CRID)

Postal Service Mail.XML Technical Specification for Postage Payment and Reporting (eDoc)

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

## 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 the XML Tutorial at w3schools.com.

**XSD**


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An XSD is the XML Schema that describes the structure of an XML document. For general information on XSD, please visit the XML Schema Tutorial at w3schools.com.

## 1.3 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 the following tutorials at www.w3schools.com:

- Web Services Tutorial
- WSDL Tutorial
- SOAP Tutorial

## 1.4 About Schema Modularization

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:

1. One stores simple Mail.XML Mailing Message Specification type definitions that can be shared across message sets.
2. A second common module is made up of common elements and complex types that are shared across two or more message sets.
3. 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**
- **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**


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- **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**

## 1.5 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.

## 1.6 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.

## 1.7 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.

## 1.8 Roadmap of Mail.XML

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

| **January 2015**<br>**Release 30** |
|---|
| Mail.XML 10.0<br>Mail.XML 12.0A<br>Mail.XML 12.0B<br>Mail.XML 14.0A<br>Mail.XML 16.0** |

***Note:*** *The version(s) flagged with single asterisk (*) are version(s) being retired with the release date.*

***Note:*** *The version(s) flagged with double asterisk (**) are new version(s) which are planned for implementation with the release date.*

The table below lists all Mail.XML FAST related messages supported in 12.0A, 12.0B, 14.0A, and 16.0

| Message Name | Mail.XML 12.0A | Mail.XML 12.0B | Mail.XML 14.0A | Mail.XML 16.0 |
|---|---|---|---|---|


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| | | | | |
|---|---|---|---|---|
| AllApptCloseoutResponse | X | X | X | X |
| AllDeliveryApptCloseoutRequest | X | X | X | X |
| ConsigneeGoodsReceipt | X | X | X | X |
| CustomerSupplierAgreementQuery Request | X | X | X | X |
| CustomerSupplierAgreementQuery Response | X | X | X | X |
| DeliveryApptCancelCreateRequest | X | X | X | X |
| DeliveryApptCancelCreateResponse | X | X | X | X |
| DeliveryApptCancelRequest | X | X | X | X |
| DeliveryApptCancelResponse | X | X | X | X |
| DeliveryApptCreateRequest | X | X | X | X |
| DeliveryApptCreateResponse | X | X | X | X |
| DeliveryApptQueryRequest | X | X | X | X |
| DeliveryApptQueryResponse | X | X | X | X |
| DeliveryApptShellCancelRequest | X | X | X | X |
| DeliveryApptShellCancelResponse | X | X | X | X |
| DeliveryApptShellCreateRequest | X | X | X | X |
| DeliveryApptShellCreateResponse | X | X | X | X |
| DeliveryApptShellUpdateRequest | X | X | X | X |
| DeliveryApptShellUpdateResponse | X | X | X | X |
| DeliveryApptUpdateRequest | X | X | X | X |
| DeliveryApptUpdateResponse | X | X | X | X |
| DeliveryContentCancelRequest | X | X | X | X |
| DeliveryContentCancelResponse | X | X | X | X |
| DeliveryContentCreateRequest | X | X | X | X |
| DeliveryContentCreateResponse | X | X | X | X |
| DeliveryContentQueryRequest | X | X | X | X |
| DeliveryContentQueryResponse | X | X | X | X |
| DeliveryContentUpdateRequest | X | X | X | X |
| DeliveryContentUpdateResponse | X | X | X | X |
| MessageResponseRetrievalRequest | X | X | X | X |
| MessageResponseRetrievalResponse | X | X | X | X |
| PartnerApptQueryRequest | X | X | X | X |
| PartnerApptQueryResponse | X | X | X | X |
| RecurringApptQueryRequest | X | X | X | X |
| RecurringApptQueryResponse | X | X | X | X |
| UnscheduledConsigneeGoodsReceipt | X | X | X | X |
| StaleContentDelivery | X | X | X | X |
| StaleContentNotification | X | X | X | X |
| StateContentQueryRequest | X | X | X | X |
| StateContentQueryResponse | X | X | X | X |
| USPSDeliveryContentUpdatedDelivery | X | X | X | X |
| USPSDeliveryContentUpdatedNotification | X | X | X | X |
| USPSDeliveryContentUpdatedQueryRequest | X | X | X | X |
| USPSDeliveryContentUpdatedQueryResponse | X | X | X | X |
| PartnerContentAssignmentRequest | X | X | X | X |
| PartnerContentAssignmentResponse | X | X | X | X |
| AllApptCloseoutDelivery | X | X | X | X |
| AllApptCloseoutNotification | X | X | X | X |


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## 1.9 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.

## 1.10 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.

## 1.11 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 14.0A. 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

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.

## 1.12 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


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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.

## 1.13 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

## 1.14 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 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.

## 1.15 *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:

**XSD-typed WSDL:**

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

## 1.16 Type of WSDLs

There are two types of WSDLs, the Message-Type WSDL and the String-Type WSDL. The USPS only supports the Message-Type WSDL. The following is basic information on the Message-Type WSDL types to help customers understand the Message Type WSDLs.


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### 1.16.1 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 Version. The USPS is transitioning to this type of Message WSDLs to remove manual editing and registering of messages.

The customer must use message-type URL to consume the services. These URLs are provided in the WSDL and XSDs section of this document.

## 1.17 Exceptions

Following is the list of exceptions identified by USPS.

| Mail.XML Version | Exception Description |
|---|---|
| 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.<br>Exception<br>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 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. |


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# 2. *PostalOne!* – FAST Mail.XML Web Services

## 2.1 Overview

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

## 2.2 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 the *PostalOne! system*.

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.

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

Mail.XML versions 10.0, 12.0A, 12.0B, 14.0A, and 16.0 are currently supported.

The next section lists the workflow for most common messages that will be supported.

## 2.4 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

### 2.4.1 Create One-Time Appointment (Single Entity Scheduling)

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

To determine Slot Availability

Submit – DeliveryApptQueryRequest

→Receive – DeliveryApptQueryResponse

Transporter /Mail Owner /Mail preparer

To create appointment based on Slot Availability

Submit – DeliveryApptCreateRequest

→Receive -- DeliveryApptCreateResponse


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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) (Documentation updates are only supported for recurring appointments and are not supported for one-time appointments.)

### 2.4.2 Manage One Time Appointment (Single Entity Scheduling)

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

Submit – DeliveryApptUpdateRequest

→Receive – DeliveryApptUpdateResponse

1. **Cancel One time Appointment (Single Entity Scheduling) – For Origin and Destination Entry**

Transporter /Mail Owner /Mail preparer

Submit – DeliveryApptCancelRequest

4. →Receive – DeliveryApptUpdateResponse with ConfirmationID

### 2.4.3 Updating a Recurring Appointment Instance (Single Entity Scheduling)

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

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

5. →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*

### 2.4.4 Retrieving CSA Data

**Scenario#1** Request CSA by CSAID

Submit – CSAQueryRequest

→Receive – CSAQueryResponse Based on CSAID

**Scenario#2** Request CSA by CRID

Submit – CSAQueryRequest

→Receive – CSAQueryResponse with All CSAs associated to CRID

### 2.4.5 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

### 2.4.6 Scheduler wants to update only logistics information

(No change in content and single entity scheduling)

**Scheduler:**


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Submit – DeliveryApptShellUpdateRequest
→Receive – DeliveryApptShellUpdateResponse

### 2.4.7 Receiving Closeout Information

USPS Closesout Appointment

FAST generates ConsigneeGoodsReceipt for Scheduled Appointments and sends it to the *PostalOne! system.*
FAST generates UnscheduledConsigneeGoodsReceipt for Unscheduled Appointments and sends it to the *PostalOne! system.*

Submit – AllApptCloseoutRequest

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

### 2.4.8 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
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.*

### 2.4.9 Standalone content and Joint Scheduling


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**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

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

### 2.4.10 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 21 days in advance of effective start date
- Transporter uses DeliveryApptUpdateRequest to update instances and receives DeliveryApptUpdateResponse (See 2.4.3 - Updating a Recurring Appointment Instance)

**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**


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- 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 DeliveryAppUpdateRequest to update instances and receives DeliveryApptUpdateResponse (See 2.4.3 - 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 2.4.3 - Updating a Recurring Appointment Instance)
- FAST creates instances 14 days in advance of effective start date

### 2.4.11 MessageRetrieval Request/Response

a. **Transporter /Mail Owner /Mail Preparer**

   Submit – Any FAST messages

b. ***PostalOne!*** *system*

   *The PostalOne!* system generates TrackingID

c. **Transporter /Mail Owner /Mail Preparer**

   Submit --MessageRetrievalRequest for TrackingID
   →Receive – MessageRetrievalResponse for the corresponding message

### 2.4.12 Create a Parcel Return Service Appointment

**Transporter**

Submit – DeliveryApptShellCreateRequest, with Comment field set to “APPTTYPPRS”

→Receive – DeliveryApptShellCreateResponse

### 2.4.13 Update a Parcel Return Service Appointment

**Transporter**

Submit – DeliveryApptShellUpdateRequest, with Comment field set to “APPTTYPPRS” and AppointmentID = the AppointmentID received in the DeliveryApptShellCreateResponse

→Receive – DeliveryApptShellUpdateResponse

## 2.5 Mail.dat Transportation Updates for Recurring Appointments

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.

1. 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


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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.

2. The appointment information needs to match the actual delivery of mail. Once received by the *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 the *PostalOne!* system or to the customer. The customer must log on to FAST online system to verify if the contents have been successfully associated with the recurring appointment.

## 2.6 Data Structure: AllDeliveryApptCloseoutRequest

| Field | Format | Acceptable Values | Business Rules | Comment |
|---|---|---|---|---|
| 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 to ‘participantIDType’ complex type in Appendix A |
| SubmittingSoftware | mailxml:submittingSoftwareType | | Identifies the software submitting the message | Refer to ‘SubmittingSoftware ‘ complex type in Appendix A |


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# 3. Mail.XML 16.0 Messages - 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.

## 3.1 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. Parcel Return Service appointments can be created using a custom String in the Comment field (see below).

| Mail.XML 16.0 - DeliveryApptShellCreateRequest | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| DeliveryApptShellCreateRequest BEGINS | | | | |
| RequestMsgHeaderInfo | requestMsgHeaderInfo attribute block | | Attributes block | Refer to Appendix A for details on this attribute |
| SubmittingParty | mailxml:participantIDType | | Required block; Identifies the customer submitting the message | Refer to 'participantIDType' complex type in Appendix A |
| SubmittingSoftware | mailxml:submittingSoftwareType | | Identifies the software submitting the message | Refer to 'submittingSoftwareType' complex type in Appendix A |
| SubmitterTrackingID | String 20 | | Required | |
| ConsigneeFacility | mailxml: ConsigneeFacility Type | | Required | Refer to '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 to 'mailClassType' simple type | Required<br>1 to many allowed | Refer to 'Appendix B' |
| Choice Block BEGINS | | | Either RecurringAppt block data or OneTImeAppt block is required | |
| RecurringAppt | mailxml:RecuringApptType | | Required | Refer to 'RecurringApptType' complex type in Appendix A |
| OneTimeAppt | mailxml: OneTimeApptType | | Required | Refer to 'OneTimeApptType' complex type in Appendix A |
| Choice Block ENDS | | | | |
| TrailerInfo | mailxml: TrailerInfo Type | | Optional | Refer to 'TrailerInfo' complex type in Appendix A |
| Comment | String, 256 characters | | Optional | Set to 'APPTTYPPRS' to create a Parcel Return Service |


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| Mail.XML 16.0 - DeliveryApptShellCreateRequest | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| | | | | appointment |
| ValueAddedService | String | | Optional | Refer to this simple type in Appendix B |
| DeliveryApptShellCreateRequest ENDS | | | | |

## 3.2 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 16.0 - DeliveryApptShellCreateResponse | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| DeliveryApptShellCreateResponse message BEGINS | | | | |
| TrackingID | String 20 | - | OPTIONAL Tracking ID allows users to re-query using this ID | - |
| SubmitterTrackingID | String 20 | | Required | |
| Choice Block BEGINS | | | Either Accept block or Reject block is returned. | |
| DeliveryApptShellCreateAccept | mailxml: DeliveryApptShellAcceptType | | Required | Refer to 'DeliveryApptShellAcceptType' complex type in Appendix A |
| DeliveryApptShellCreateReject | mailxml: DeliveryApptShellRejectType | | Required | Refer to 'DeliveryApptShellRejectType' complex type in Appendix A |
| Choice Block ENDS | | | | |
| DeliveryApptShellCreateResponse message ENDS | | | | |

## 3.3 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. Parcel Return Service appointments can be updated using a custom String in the Comment field (see below).

| Mail.XML 16.0 - DeliveryApptShellUpdateRequest | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| DeliveryApptShellUpdate Request BEGINS | | | | |
| RequestMsgHeaderInfo | requestMsgHeaderInfo attribute block | | Attributes block | Refer to Appendix A for details on this attribute |


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| Mail.XML 16.0 - DeliveryApptShellUpdateRequest | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| SubmittingParty | mailxml:participantID Type | | Required block; Identifies the customer submitting the message | Refer to 'participantIDType' complex type in Appendix A |
| SubmittingSoftware | mailxml:submittingSoftwareType | | Identifies the software submitting the message | Refer to 'submittingSoftwareType' complex type in Appendix A |
| SubmitterTrackingID | String 20 | | Required | |
| ConsigneeFacility | mailxml: ConsigneeFacility Type | | Required | Refer to '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 to 'mailClassType' simple type | Required<br>1 to many allowed | Refer to 'Appendix B' |
| Choice Block BEGINS | | | Either RecurringAppt block data or OneTImeAppt block is required | |
| RecurringAppt | mailxml:RecuringAppt Type | | Required | Refer to 'RecurringApptType' complex type in Appendix A |
| OneTimeAppt | mailxml: OneTimeApptType | | Required | Refer to 'OneTimeApptType' complex type in Appendix A |
| Choice Block ENDS | | | | |
| TrailerInfo | mailxml: TrailerInfo Type | | Optional | Refer to 'TrailerInfo' complex type in Appendix A |
| Comment | String, 256 characters | | Optional | Set to 'APPTTYPPRS' to create a Parcel Return Service appointment |
| ValueAddedService | String | | Optional | Refer to this simple type in Appendix B |
| DeliveryApptShellUpdate Request ENDS | | | | |

## 3.4 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.


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| Mail.XML 16.0 - DeliveryApptShellUpdateResponse | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| DeliveryApptShellUpdateResponse message BEGINS | | | | |
| TrackingID | String 20 | - | OPTIONAL Tracking ID allows users to re-query using this ID | - |
| SubmitterTrackingID | String 20 | | Required | |
| Choice Block BEGINS | | | Either Accept block or Reject block is returned. | |
| DeliveryApptShellAccept | mailxml: DeliveryApptShellAcceptType | | Required | Refer to 'DeliveryApptShellAcceptType' complex type in Appendix A |
| DeliveryApptShellReject | mailxml: DeliveryApptShellRejectType | | Required | Refer to 'DeliveryApptShellRejectType' complex type in Appendix A |
| Choice Block ENDS | | | | |
| DeliveryApptShellUpdateResponse message ENDS | | | | |

## 3.5 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 16.0 - DeliveryApptShellCancelRequest | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| DeliveryApptShellCancelRequest BEGINS | | | | |
| RequestMsgHeaderInfo Begins | requestMsgHeaderInfo attribute block | | Attributes block | Refer to Appendix A for details on this attribute |
| SubmittingParty | mailxml:participantIDType | | Required block; Identifies the customer submitting the message | Refer to 'participantIDType' complex type in Appendix A |
| SubmittingSoftware | mailxml:submittingSoftwareType | | Required Identifies the software submitting the message | Refer to '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 | | Required | Refer to this complex |


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| Mail.XML 16.0 - DeliveryApptShellCancelRequest | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| | complex type | | | type in Appendix A |
| DeliveryApptShellCancelRequest ENDS | | | | |

## 3.6 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 16.0 - DeliveryApptShellCancelResponse | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| DeliveryApptShellCancelResponse 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. | |
| DeliveryApptCancelAccept Block BEGINS | | | | |
| ResponseMsgHeaderInfo | ResponseMsgHeaderInfo attribute block | | Attributes block | Refer to Appendix A for details on this attribute |
| DestinationEntry | Mailxml_base:yesNo | Only Yes or No | Required | This field allows mailers to specify whether the mail is origin entered or drop ship |
| DeliveryApptCancelAccept Block ENDS | | | | |
| DeliveryApptCancelReject Block BEGINS | | | | |
| ResponseMsgHeaderInfo | ResponseMsgHeaderInfo attribute block | | Attributes block | Refer to Appendix A for details on this attribute |
| Sequence Block BEGINS | | | | |
| 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 | ReturnInfoType complex type | | Required | Refer to this complex type in Appendix A |
| Sequence Block ENDS | | | | |
| DeliveryApptCancelReject Block ENDS | | | | |


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| Mail.XML 16.0 - DeliveryApptShellCancelResponse | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| Choice Block ENDS | | | | |
| DeliveryApptShellCancelResponse message ENDS | | | | |

## 3.7 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 the eInduction content will be marked for eInduction processing and will be expected to have eDocs and unique IMcbs.

| Mail.XML 16.0 - DeliveryContentCreateRequest | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 to 'participantIDType' complex type in Appendix A |
| SubmittingSoftware | mailxml:submittingSoftwareType | | Required Identifies the software submitting the message | Refer to 'SubmittingSoftware ' complex type in Appendix A |
| SubmitterTrackingID | String 20 | | Required | |
| ConsigneeFacility | mailxml: ConsigneeFacilityType | | Optional | Refer to '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<br>1 to many allowed | Refer to 'ContentDetailInfo' complex type in Appendix A |
| DeliveryContentCreateRequest ENDS | | | | |

## 3.8 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 16.0 - DeliveryContentCreateResponse | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |


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| Mail.XML 16.0 - DeliveryContentCreateResponse | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| DeliveryContentCreateResponseBEGINS | | | | |
| TrackingID | String 20 | - | Tracking ID provide users with the flexibility to requery the message. | - |
| SubmitterTrackingID | String 20 | | Required | |
| Choice Block BEGINS | | | Either accept or reject block is returned. | |
| DeliveryContentAccept | DeliveryContentAcceptType complex type | - | Required when the DeliveryContentCreateRequest message has been accepted | Refer to this complex type in Appendix A |
| DeliveryContentReject | DeliveryContentRejectType complex type | - | Required when DeliveryContentCreateRequest is rejected | Refer to this complex type in Appendix A |
| Choice Block ENDS | | | | |
| DeliveryContentCreateResponseENDS | | | | |

## 3.9 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 the eInduction content will be marked for eInduction processing and will be expected to have eDocs and unique IMcbs.

| Mail.XML 16.0 - DeliveryContentUpdateRequest | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| DeliveryContentUpdateRequest BEGINS | | | | |
| DeliveryContentUpdateHeaderInfo attribute block | DeliveryContentUpdateHeaderInfo attribute block | | Attributes block | Refer to this attribute block in Appendix A |
| SubmittingParty | mailxml:participantIDType | | Required block; Identifies the customer submitting the message | Refer to ‘participantIDType’ complex type in Appendix A |
| SubmittingSoftware | mailxml:submittingSoftwareType | | Required Identifies the software submitting the message | Refer to ‘SubmittingSoftware ‘ complex type in Appendix A |
| SubmitterTrackingID | String 20 | | Required | |
| ConsigneeFacility | mailxml: ConsigneeFacilityType | | Optional | Refer to ‘ConsigneeFacility’ complex type in Appendix A |
| DestinationEntry | Mailxml_base:yesNo | Only Yes or No | Required | This field allows mailers to specify |


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| Mail.XML 16.0 - DeliveryContentUpdateRequest | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| | | | | whether the mail is origin entered or drop ship |
| ContentDetailInfoUpdate | ContentDetailInfoUpdateType complex type | | Required<br>1 to many allowed | Refer to this complex type in Appendix A |
| DeliveryContentUpdateRequest ENDS | | | | |

## 3.10 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 16.0 - DeliveryContentUpdateResponse | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| DeliveryContentUpdateResponse BEGINS | | | | |
| TrackingID | String 20 | - | Tracking ID provide users with the flexibility to requery the message. | - |
| SubmitterTrackingID | 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 | | | | |

## 3.11 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 16.0 - DeliveryContentQueryRequest | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| DeliveryContentQueryRequest BEGINS | | | | |
| DeliveryContentQueryMsgHeaderInfo attribute block | DeliveryContentQueryMsgHeaderInfo attribute block | | Attributes block | Refer to this attribute block in Appendix A |
| SubmittingParty | mailxml:participantID | | Required block; | Refer to |


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| Mail.XML 16.0 - DeliveryContentQueryRequest | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| | Type | | Identifies the customer submitting the message | 'participantIDType' complex type in Appendix A |
| SubmittingSoftware | mailxml:submittingSoftwareType | | Required. Identifies the software submitting the message | Refer to 'SubmittingSoftware ' complex type in Appendix A |
| SubmitterTrackingID | String 20 | | Required | |
| ConsigneeFacility | ConsigneeFacilityType complex type | | Optional | Refer to '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 |
| DeliveryContentQuery Request ENDS | | | | |

## 3.12 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 16.0 - DeliveryContentQueryResponse | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| DeliveryContentQuery Response BEGINS | | | | |
| DeliveryContentQuery MsgHeaderInfo | DeliveryContentQuery MsgHeaderInfo 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 | |
| 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: ConsigneeFacilityType | | Optional | Refer to 'ConsigneeFacility' complex type in Appendix A |
| DestinationEntry | Mailxml_base:yesNo | Either Yes or No | Required | This field allows mailers to specify whether the mail is origin entered or drop ship |


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| Mail.XML 16.0 - DeliveryContentQueryResponse | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| ContentDetailInfoUpdate | ContentDetailInfoUpdateType complex type | | Optional<br>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 | | | | |
| DeliveryContentQueryResponse ENDS | | | | |

## 3.13 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 16.0 - DeliveryContentCancelRequest | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 to ‘participantIDType’ complex type in Appendix A |
| SubmittingSoftware | mailxml:submittingSoftwareType | | Required.<br>Identifies the software submitting the message | Refer to ‘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<br>1 to many allowed | Refer to this complex type in Appendix A |
| DeliveryContentCancelRequest ENDS | | | | |


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## 3.14 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 16.0 - DeliveryContentCancelResponse** | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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.<br>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 | | | | |
| DeliveryContentHeaderInfoCancel Attribute block | DeliveryContentHeaderInfoCancel attribute block | - | Attribute block | Refer to this attribute in Appendix A |
| Sequence block BEGINS | | | Required<br>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 | | | | |
| DeliveryContentCanc | | | | |


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| Mail.XML 16.0 - DeliveryContentCancelResponse | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| elReject Block ENDS | | | | |
| Choice Block ENDS | | | | |
| DeliveryContentCancelResponse ENDS | | | | |


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## 3.15 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 16.0 - RecurringApptQueryRequest | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| RecurringApptQueryRequest BEGINS | | | | |
| 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<br>0 to many allowed | Refer to this attribute block in Appendix A |
| RecurringApptQueryRequest ENDS | | | | |

## 3.16 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 16.0 - RecurringApptQueryResponse | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| RecurringApptQueryResponse BEGINS | | | | |
| TrackingID | String 20 | - | Optional<br>Tracking ID allow users to requery a message without constructing a whole request message. | - |
| SubmitterTrackingID | String 20 | | Required | |
| Choice Block BEGINS | | | Either QueryResults or QueryError block is returned. | |
| QueryResults begins | | | Required | |
| RecurringApptBlock | RecurringApptBlockT | | Required | Refer to this complex |


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| Mail.XML 16.0 - RecurringApptQueryResponse | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| | ype complex type | | 1 to many allowed | 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 | | | | |

## 3.17 ConsigneeGoodsReceipt

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

| Mail.XML 16.0 - ConsigneeGoodsReceipt | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| ConsigneeGoodsReceipt 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<br>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 |
| ConsigneeGoodsReceipt ENDS | | | | |

## 3.18 ConsigneeGoodsReceiptDelivery

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

| Mail.XML 16.0 - ConsigneeGoodsReceiptDelivery | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| ConsigneeGoodsReceiptDelivery 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 |
| DataRecipient Block BEGINS | | | Optional Block. If provided then user must provide both CRID and Role | |


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| Mail.XML 16.0 - ConsigneeGoodsReceiptDelivery | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| | | | 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 | |
| Sequence Block # 1 BEGINS | | | Either UserLicenseCode and MaildatJobID is required OR customergroupID and MailingGroupID is required | |
| UserLicenseCode | userLicenseCodeTyp e 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 | | | | |
| ApptBlockGoodsRece ipt | apptBlockGoodsType complex type | - | Required | Refer to this complex type in Appendix A |
| DetailInfo | DetailInfo Type complex type | | Optional<br>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 | | | | |
| ConsigneeGoodsRec eiptDelivery ENDS | | | | |


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## 3.19 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 16.0 - DeliveryApptCancelCreateRequest | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| 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.<br>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 | | | | |
| ApptBlock | apptBlockRequest Type complex type | - | Required | Refer to this complex type in Appendix A |
| DetailInfo | DetailInfo Type complex type | | Optional<br>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 | | | | |

## 3.20 DeliveryApptCancelCreateResponse

| Mail.XML 16.0 - DeliveryApptCancelCreateResponse | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |


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| Mail.XML 16.0 - DeliveryApptCancelCreateResponse | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| DeliveryApptCancelCreateResponse BEGINS | | | | |
| TrackingID | String 20 | - | Optional | - |
| SubmitterTrackingID | String 20 | | Required | |
| Choice Block BEGINS | - | - | Required<br>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 | - |
| 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 | | | | |

## 3.21 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 the eInduction content will be marked for eInduction processing and will be expected to have eDocs and unique IMcbs.

| Mail.XML 16.0 - DeliveryApptCreateRequest |
|---|


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| Field | Format | Acceptable Values | Business Rules | Comment |
|---|---|---|---|---|
| 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 |
| SubmitterTrackingID | 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<br>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 | - |
| ValueAddedService | String | | Optional | Refer to this simple type in Appendix B |
| DeliveryApptCreateRequest ENDS | | | | |

## 3.22 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 16.0 - DeliveryApptCreateResponse | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| 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 | | | | |

## 3.23 DeliveryApptUpdate

| Mail.XML 16.0 - DeliveryApptUpdate | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| 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<br>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 |
| ReturnInfo | returnInfoType complex type | - | Optional | Refer to this complex type in Appendix A |
| DeliveryApptUpdate ENDS | | | | |

## 3.24 DeliveryApptUpdateRequest

This message provides the ability to update in FAST:

- Drop ship appointments for all mail classes


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- 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 the eInduction content will be marked for eInduction processing and will be expected to have eDocs and unique IMcbs.

| Mail.XML 16.0 - DeliveryApptUpdateRequest | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| 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. |
| 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<br>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 | - |


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| Mail.XML 16.0 - DeliveryApptUpdateRequest | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| ValueAddedService | String | | Optional | Refer to this simple type in Appendix B |
| ReturnInfo | returnInfoType complex type | - | Optional | Refer to this complex type in Appendix A |
| DeliveryApptUpdateRequest ENDS | | | | |

## 3.25 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.

| Mail.XML 16.0 - DeliveryApptUpdateResponse | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| 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 | | | | |

## 3.26 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 16.0 - DeliveryApptQueryRequest |
|---|


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| Field | Format | Acceptable Values | Business Rules | Comment |
|---|---|---|---|---|
| DeliveryApptQueryRequest 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 |
| 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<br>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 |
| Comment | String 256 | - | Optional | - |
| DeliveryApptQueryRequest ENDS | | | | |


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## 3.27 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 16.0 - DeliveryApptQueryResponse | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| 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 |
| 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<br>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 | consigneeFacilityType 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 |


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| Mail.XML 16.0 - DeliveryApptQueryResponse | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| 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 | | | | |

## 3.28 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 16.0 - DeliveryApptCancelRequest | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| 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 to ‘participantIDType’ complex type in Appendix A |
| SubmittingSoftware | mailxml:submittingSoftwareType | | Required. Identifies the software submitting the message | Refer to ‘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 |


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## 3.29 DeliveryApptCancelResponse

This message provides the ability to cancel in FAST:

For cancellation, acceptance or rejection information in the ReturnInfo Block

| **Mail.XML 16.0 - DeliveryApptCancelResponse** | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| DeliveryApptCancelResponse BEGINS | | | | |
| TrackingID | String 20 | - | Optional | Allow users to use it for re-query |
| SubmitterTrackingID | 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 | | | | |

## 3.30 DeliveryReApptRequest

| Mail.XML 16.0 - DeliveryReApptRequest | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| 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 | |
| ApptBlock | apptBlockRequestType complex type | | Required | Refer to this complex type in Appendix A |


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| Mail.XML 16.0 - DeliveryReApptRequest | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| 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 |
| ValueAddedService | String | | Optional | Refer to this simple type in Appendix B |
| DeliveryReApptRequest ENDS | | | | |

## 3.31 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 16.0 - PartnerApptQueryRequest | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| 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 |
| SubmitterTrackingID | String 20 | | Required | |
| ConsigneeFacility | consigneeFacilityType complex type | - | Optional | Refer to this complex type in Appendix A |
| PartnerApptQueryRequest ENDS | | | | |


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## 3.32 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 16.0 - PartnerApptQueryResponse | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| PartnerApptQueryResponse 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. | - |
| SubmitterTrackingID | String 20 | | Required | |
| Choice Block BEGINS | - | - | Either Query Result or QueryError block will be returned. | - |
| QueryResults Block BEGINS | - | - | - | - |
| Sequence Block BEGINS | - | - | Optional but 0 to many allowed | - |
| ApptBlock | partnerApptBlockType 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 | | | | |


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| Mail.XML 16.0 - PartnerApptQueryResponse | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| PartnerApptQueryResponse ENDS | | | | |

## 3.33 UnscheduledConsigneeGoodsReceipt

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

| Mail.XML 16.0 - UnscheduledConsigneeGoodsReceipt | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| 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 |
| DetailInfo | detailInfoType complex type | | Optional<br>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 | | | | |

## 3.34 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. For Mail.XML v14.0A and newer messages, the *PostalOne!* system will only look at the CRID or SchedulerID in the SubmittingParty block for authorization of data and closeout response.
- For Mail.XML v14.0A and newer '*AllDeliveryApptCloseoutRequest*' Message processing has been enhanced to support LTB(Large Transaction Block) on the Closeout Response. The *PostalOne!* system will receive '*ConsigneeGoodsReceipt*' receipts and '*UnscheduledConsigneeGoodsReceipt*' from FAST. The *PostalOne!* system will retrieve '*ConsigneeGoodsReceipt*' and '*UnscheduledConsigneeGoodsReceipt*' based CRID or SchedulerID provided on the SubmittingParty block. To comply with the mailxml_tm xsd definition, the *PostalOne!* system will add two new elements to the response, trackingID and LargeTransactionDividerResult to handle large amounts 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.
- Mail.XML v14.0A and newer 'AllDeliveryApptCloseoutRequest' with Date Range (Start, End) provided on the request will match date range provided with 'ScheduledAppt' to retrieve 'ConsigneeGoodsReceipt', and


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'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 16.0 - AllDeliveryApptCloseoutRequest | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| AllDeliveryApptCloseoutRequest BEGINS | | | | |
| StatusRequestByTimeMsgHeaderInfo | StatusRequestByTimeMsgHeaderInfo 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 | |
| AllDeliveryApptCloseoutRequest ENDS | | | | |

## 3.35 AllApptCloseoutResponse

| Mail.XML 16.0 - AllApptCloseoutResponse | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| 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 16.0 - AllApptCloseoutResponse | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| ConsigneeGoods Receipt | This is an element block | - | Optional<br>0 to many allowed | Refer to "ConsigneeGoods Receipt" message in Section 5 for details. |
| UnscheduledCons igeeGoodsReceipt | This is an element block | - | Optional<br>0 to many allowed | Refer to "UnscheduledCon signeeGoodsRece ipt" message in Section 5 for details. |
| Sequence Block ENDS | | | | |
| AllDeliveryApptCl oseoutAccept block ENDS | | | | |
| AllDeliveryApptCl oseoutReject block BEGINS | | | | |
| StatusRequestMs gHeaderInfo | StatusRequestMs gHeaderInfo 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 | | | | |
| AllDeliveryApptCl oseoutReject block ENDS | | | | |
| AllApptCloseoutR esponse ENDS | | | | |

## 3.36 AllApptCloseoutNotification

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

| Mail.XML 16.0 - AllApptCloseoutNotification | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| AllApptCloseoutN otification BEGINS | | | | |
| SubmittingParty | participantIDType complex type | - | Optional | Refer to this complex type in Appendix A |
| SubmittingSoftwar e | submittingSoftwar eType complex type | - | Optional | Refer to this complex type in Appendix A |
| CRID | CRIDType simple type | - | Optional | Refer to this simple type in Appendix B |


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| Mail.XML 16.0 - AllApptCloseoutNotification | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| PushMessageID | String 25 | - | Optional | - |
| Choice block BEGINS | | | Optional Choice Block.<br>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 | | | | |

## 3.37 AllApptCloseoutDelivery

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

| Mail.XML 16.0 - AllApptCloseoutDelivery | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| 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 |


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| Mail.XML 16.0 - AllApptCloseoutDelivery | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| DataRecipient Block BEGINS | | | Optional.<br>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.<br>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 | | | | |
| PushMessageID | String 25 | - | Optional | - |
| FullServiceAllApptCloseoutAccept | allDeliveryApptCloseoutAcceptType complex type | - | Required<br>1 to many allowed. | Refer to this complex type in Appendix A |
| AllApptCloseoutDelivery ENDS | | | | |

## 3.38 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


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| Mail.XML 16.0 - CustomerSupplierAgreementQueryRequest | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| 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 |
| 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 | | | | |

## 3.39 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 16.0 - CustomerSupplierAgreementQueryResponse | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| 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 | |


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| Mail.XML 16.0 - CustomerSupplierAgreementQueryResponse | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| Choice Block BEGINS | | | Either QueryResult or QueryError block is returns | |
| QueryResults begins | | | Required | |
| CSAInfo | csaInfoType complex type | | Optional<br>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 | | | | |

## 3.40 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 16.0 - StaleContentQueryRequest | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| StaleContentQueryRequest 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 |
| SubmitterTrackingID | String 20 | | Required | |
| ConsigneeFacility | consigneeFacilityType complex type | - | Optional | Refer to this complex type in Appendix A |


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| Mail.XML 16.0 - StaleContentQueryRequest | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| 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 | | | | |

## 3.41 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 16.0 - StaleContentQueryResponse | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| StaleContentQueryResponse BEGINS | | | | |
| DeliveryContentQueryMsgHeaderInfo | DeliveryContentQueryMsgHeaderInfo attribute block | | Required attribute block | Refer to this attribute block in Appendix A |
| TrackingID | String 20 | - | Optional.<br>Allow the user to retrieve the data without requery the message by providing the trackingID in MRRR message. | - |
| SubmitterTrackingID | String 20 | | Required | |
| Choice Block BEGINS | | | Either QueryResult or QueryError block is returned | |
| QueryResult block BEGINS | | | | |
| ConsigneeFacility | consigneeFacilityType 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. |


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| Mail.XML 16.0 - StaleContentQueryResponse | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| ContentDetailInfo | contentDetailInfoType complex type | - | Required<br>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 | | | | |

## 3.42 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 16.0 - StaleContentNotification | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| StaleContentNotification BEGINS | | | | |
| DeliveryContentHeaderInfo | DeliveryContentHeaderInfo attribute block | | Required attribute block | 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 |
| PushMessageID | String 25 | - | Optional | - |
| NotificationDate | Date | - | Required | - |
| StaleContentNotificationElement | staleContentNotificationElementType complex type | - | Required<br>1 to many allowed | Refer to this complex type in Appendix A |
| StaleContentQueryNotification ENDS | | | | |


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## 3.43 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 16.0 - StaleContentDelivery | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| 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 |
| 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<br>1 to many allowed | Refer to this complex type in Appendix A |
| StaleContentDelivery ENDS | | | | |

## 3.44 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 16.0 - USPSDeliveryContentUpdatedQueryRequest | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| USPSDeliveryContentUpdatedQueryRequest BEGINS | | | | |


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| Mail.XML 16.0 - USPSDeliveryContentUpdatedQueryRequest | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| MailXMLHeaderInfo | MailXMLHeaderInfo attribute | | 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 |
| 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<br>1 to many allowed | Refer to this attribute block in Appendix A |
| USPSDeliveryContentUpdatedQueryRequest ENDS | | | | |

## 3.45 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 16.0 - USPSDeliveryContentUpdatedQueryResponse | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| USPSDeliveryContentUpdatedQueryResponse BEGINS | | | | |
| MailXMLHeaderInfo | MailXMLHeaderInfo attribute | | Required attribute block | Refer to this attribute block in Appendix A |
| TrackingID | String 20 | - | Optional.<br>This allows the users to retrieve the data without requery by using this ID in the MRRR message. | - |
| SubmitterTrackingID | String 20 | | Required | |


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| Mail.XML 16.0 - USPSDeliveryContentUpdatedQueryResponse | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| canlChoice Block BEGINS | | | | |
| QueryResult block BEGINS | | | | |
| LargeTransactionDividerGroupOptionalType | LargeTransactionDividerGroupOptionalType 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. Identifies the software submitting the message | Refer to this complex type in Appendix A |
| DeliveryContentUpdated | deliveryContentUpdatedType complex type | - | Required<br>1 to many allowed | Refer to this complex type in Appendix A |
| QueryResult block ENDS | | | | |
| QueryError Block BEGINS | | | | |
| ReturnInfo | basicReturnInfoType complex type | - | Required | Refer to this complex type in Appendix A |
| QueryError block ENDS | | | | |
| Choice block ENDS | | | | |
| USPSDeliveryContentUpdatedQueryResponse ENDS | | | | |

## 3.46 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 16.0 - USPSDeliveryContentUpdatedNotification | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| USPSDeliveryContentUpdatedNotification BEGINS | | | | |


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| Mail.XML 16.0 - USPSDeliveryContentUpdatedNotification | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| 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 | - |
| NotificationSummary | USPSDeliveryContentUpdatedNotificationMsgHeaderInfo attribute | - | Required<br>1 to many allowed | Refer to the attribute block in Appendix A.<br>The notification summary basically provides the deliveryContentQueryMsgHeaderInfo information. |
| USPSDeliveryContentUpdatedNotification ENDS | | | | |

## 3.47 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 16.0 - USPSDeliveryContentUpdatedDelivery | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| USPSDeliveryContentUpdatedDelivery BEGINS | | | | |
| LargeTransactionDividerGroupOptionalType | LargeTransactionDividerGroupOptionalType attribute | - | Required | Refer to this attribute block in Appendix A |


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| Mail.XML 16.0 - USPSDeliveryContentUpdatedDelivery | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| 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 | - |
| DeliveryContentUpdated | deliveryContentUpdatedType complex type | - | Required<br>1 to many allowed | Refer to the attribute block in Appendix A. |
| USPSDeliveryContentUpdatedDelivery ENDS | | | | |

## 3.48 PartnerContentAssignmentRequest

This message allows the Mail Owner, Mail Preparer, Consolidator, and Scheduler to assign the content of the mail to another business entity. For example, 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 16.0 - PartnerContentAssignmentRequest | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| 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 |


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| Mail.XML 16.0 - PartnerContentAssignmentRequest | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| SubmittingSoftware | submittingSoftwareType complex type | | Required block; Identifies the software submitting the message | Refer to this complex type in Appendix A |
| SubmitterTrackingID | String 20 | | Required | |
| CurrentPartnerOwner | participantIDType complex type | - | Required | Refer to this complex type in Appendix A |
| PartnerContentAssignedTo | partnerContentAssignmentType complex type | - | Required<br>1 to many allowed | Refer to this complex type in Appendix A |
| PartnerContentAssignmentRequest ENDS | | | | |

## 3.49 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 16.0 - PartnerContentAssignmentResponse | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| 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. | - |
| SubmitterTrackingID | String 20 | | Required | |
| Ca<br>Choice Block BEGINS | - | - | Either accept or reject block is returned. | - |
| PartnerContentAssignmentAcceptedblock BEGINS | - | - | Required<br>1 to many allowed | - |
| PartnerIdentifier | participantIDType complex type | | Required | Refer to this complex type in Appendix A |
| ConsigneeContentID | String 12 | - | Required<br>1 to many allowed | - |
| DestinationEntry | yesNo | Yes or No | Required | Allows mailers to specify whether the mail is origin entered or drop ship. |


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| Mail.XML 16.0 - PartnerContentAssignmentResponse | | | | |
|---|---|---|---|---|
| Field | Format | Acceptable Values | Business Rules | Comment |
| PartnerContentAssignmentAccepted block ENDS | | | | |
| PartnerContentAssignmentRejected | returnInfoType complex type | - | Required | Refer to this complex type in Appendix A |
| PartnerContentAssignmentResponse ENDS | | | | |


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# 4. Additional information

## 4.1 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.*

| **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 |


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| Processing Category (processingCategoryType) | | |
|---|---|---|
| **Code** | **Description** | **Supported?** |
| NB | Not Flat-Machinable >= 6oz | Yes |
| NP | Non Machinable Parcels | Yes |

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

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


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| PreSort Types (containerLevelType) | | | |
|---|---|---|---|
| **Code** | **Description** | **Supported?** | **Type** |
| 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*

| 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.*

Rate Type is required for all Package Services content.

***NOTE****: The mailClassType, processingCategoryType, containerLevelType, and RateType fields are all contained in the USPS Summarization block. Each Delivery Appointment Query Request, Delivery Appointment Create Request, Delivery Appointment Update Request, Delivery Content Create Request and Delivery Content Update Request can contain more than one USPS Summary block. If a single USPS Summary block within these messages contains an unsupported or invalid type for any of these fields, the entire message will be rejected. In addition, a Return Code/Description will be returned for each violation.*

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

### 4.1.1 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.
- ReturnInfo block containing Drop Entry Warnings if any have occurred
- If no –available date/times are found, the ReturnInfo block containing one to many ErrorWarning blocks with code/ error description combinations is populated.
- ReturnInfo block containing IM container barcodeWarnings if any have occurred

### 4.1.2 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

### 4.1.3 Delivery Appointment Create Rejection Response

ReturnInfo block containing one to many ErrorWarning blocks with code/ error description combinations is populated.


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### 4.1.4 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

### 4.1.5 Delivery Appointment Update Rejection Response

- ReturnInfo block containing one to many ErrorWarning blocks with code/ error description combinations is populated.
- A ReturnInfo block containing one to many ErrorWarning blocks with code/ error description combinations is populated if the Appointment was not cancelled successfully.

### 4.1.6 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 ErrorWarning blocks with code/ error description combinations is populated.
- ReturnInfo block containing IM container barcode warnings if applicable

### 4.1.7 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

### 4.1.8 Delivery Content Reject Response

The ReturnInfo block containing one to many ErrorWarning blocks with code/ error description combinations is populated.

### 4.1.9 Delivery Content Cancel Response

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

### 4.1.10 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.

### 4.1.11 Delivery Appointment Shell Reject Response

ReturnInfo block containing one to many ErrorWarning blocks with code/ error description combinations is populated.

### 4.1.12 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 ErrorWarning blocks with code/ error description combinations is populated.

### 4.1.13 Delivery Content Query Response

- A ContentUSPSSummary block for all active content is populated. See Appendix C – Errata # 89. There is change in USPSSummaryBlock; adding FullServiceIndicator element with acceptable values of ‘Yes’ or ‘No’ (This


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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 ErrorWarning blocks with code/ error 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.

### 4.1.14 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 – Errata # 89. There is change in USPSSummaryBlock; adding FullServiceIndicator element with acceptable values of 'Yes' or 'No'. (This change will only impact customers when FAST implements the next version of Mail.XML, which may be a post November 2009.)
- If no Recurring Appointment matches are found, the ReturnInfo block containing one to many ErrorWarning blocks with code/ error 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

### 4.1.15 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 all active content is populated.
- 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 ErrorWarning blocks with code/ error description combinations is populated.
- If Customer Supplier Agreement ID (CSAID) is not provided, FAST will return all CSAs associated to the Owner CRID.

## 4.2 Business Rules

### 4.2.1 New Business Rules

- N/A

### 4.2.2 Existing Business Rules

- 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.


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

  For example:
- The IDEAlliance spec allows for the following:

  Pallets Block 1: pallet count = 17

  - Presort 1: 5 digit, Count = 4
  - Presort 2: 3 digit, Count = 7
- The USPS implementation requires the pallets to be broken into two pallets blocks:

  Pallets Block 1: Count = 11

  - Presort 1: 5 digit, Count = 4
  - Presort 2: 3 digit, Count = 7

  Pallets Block 2: Count = 6

  No presort records

  ***NOTE****: If the total presort counts do not equal the pallet block count for a pallet block, an error message will be returned.*
- The IDEAlliance specification allows actual piece count to be provided for presort and non-presort counts. FAST will only use the actual piece count for volume if it is provided for all presorts and non-presorts for a given USPSSummary block.
- FAST will use the Actual Piece count for the following USPSSummary block scenario:

  Pallets Block 1: Count = 10

  - Presort 1: 5 digit, Count = 5, Actual Piece Count = 100
  - Presort 2: 3 digit, Count = 5, Actual Piece Count = 100
- FAST will NOT use the Actual Piece count for the following USPSSummary block scenario:

  Pallets Block 1: Count = 10

  - Presort 1: 5 digit, Count = 5, Actual Piece Count = 100
  - Presort 2: 3 digit, Count = 5, Actual Piece Count Not Provided
- FAST will NOT use the Actual Piece count for the following USPSSummary block scenario:
- Pallets Block 1: Count = 5, Actual Piece Count = 100
- Pallets Block 2: Count = 5, Actual Piece Count Not Provided
- The IDEAlliance specification allows multiple UniqueContainerBarcode elements to be included in a single USPS Summary block. The USPS implementation will store all UniqueContainerBarcode elements and will validate for uniqueness. Uniqueness is validated based on a 45-day timeframe. UniqueContainerBarcodes associated to an appointment that was scheduled for 45 days in the past or for an appointment that has been cancelled or rejected are considered valid for re-use. If an appointment is no-showed, all associated UniqueContainerBarcodes are valid again after 12 days (288 hours) for drop ship appointments, and after 5 days (120 hours) for Origin Entry appointments.
- The IDEAlliance specification allows multiple SiblingBarcode elements to be included in a single USPS Summary block. The USPS implementation will store all SiblingBarcode elements and will validate for uniqueness. Uniqueness is validated based on a 45-day timeframe.


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- 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 zeroes) 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 zeroes) and communicated to the user via e-mail each time for a given Scheduler entity.

  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 zeroes (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 zeroes.

- 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:
- 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.


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- 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".
- The DeliveryContentQuery messages may be used to query content for drop ship and origin-entry appointments.
- 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.
- 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.
- FAST requires either the ConsigneeApptID or the following fields be populated: ScheduledInductionDate and either LogisticsSchedulerCRID or both LogisticsSchedulerID and LogisticsSchedulerCorpID.
- 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).


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- 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.
- 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 this content.
- Drop ship one time appointments created online can be updated or cancelled via Web Services.
- 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.
- FAST will support Air Box as a container type.
- The FAST system shall support pallet type appointments for Service HUBs through Mail.XML 14.0A.
- FAST receives recurring appointment data from the *PostalOne!* system when the data is available from Qualification report messages or container update requests.
- FAST will allow scheduling at FSS Sites for FSS Scheme mail (ContainerLevel=’E’)
- FAST will support CarrierName, CarrierCRID, and CommonContact (ContactName, Telephone, ContactType) within the CarrierType element. The messages supporting this will be DeliveryApptCreateRequest, DeliveryApptUpdateRequest, DeliveryApptShellCreateRequest, DeliveryApptShellUpdateRequest, DeliveryApptQueryRequest, DeliveryApptCancelCreateRequest, and PartnerApptQueryRequest. The information will be returned in ConsigneeGoodsReceipt data sent to PostalOne! The CarrierType element is already supported within 14.0A for these message types, within TrailerInfoType. FAST will reject the Carrier CRID if it is not a valid CRID
- FAST will support Parcel Select as a mail class, separate from Package Services – to utilize this functionality, users should set MailClass = 4 and RateType = ‘D’ (Parcel Select).
    - To set the Entry Type, populate FacilityType with one of the following strings: DNDC, DSCF, NDC, NONE, ONDC.
    - To set the Machinability Type, populate ProcessingCategory with “MP” (Machinable Parcels), “IR” (Irregular Parcels), or “NP” (Non-machinable Parcels).
    - To set the Presort Type, populate the USPSContainerInfo block (for Presort), or leave it empty (for Nonpresort)
    - To set the Sort, populate the ContainerLevel (containerLevelType) with T (3 Digit (Presort)), I (5 Digit (Presort Only)), AG (Mixed NDC), AE (NDC), or
- The following combinations will be allowed for the Parcel Select mail class and DNDC entry:


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  - Machinability Type = Machinable, Presort Type = Presort, and Sort = NDC
  - Machinability Type = Nonmachinable, Presort Type = Presort, and Sort = NDC
  - Machinability Type = Machinable, Presort Type = Presort, and Sort = 5-Digit
  - Machinability Type = Machinable, Presort Type = Presort, and Sort = NDC
  - Machinability Type = Irregular, Presort Type = Presort, and Sort = 5-Digit
  - Machinability Type = Irregular, Presort Type = Presort, and Sort = SCF
  - Machinability Type = Irregular, Presort Type = Presort, and Sort = NDC
- The following combinations will be allowed for the Parcel Select mail class and DSCF entry:
  - Machinability Type = Machinable, Presort Type = Presort, and Sort = 5-Digit
  - Machinability Type = Nonmachinable, Presort Type = Presort, and Sort = 5-Digit
  - Machinability Type = Nonmachinable, Presort Type = Presort, and Sort = 3-Digit
  - Machinability Type = Irregular, Presort Type = Presort, and Sort = 5-Digit
  - Machinability Type = Irregular, Presort Type = Presort, and Sort = SCF
- The following combinations will be allowed for the Parcel Select mail class and NDC entry:
  - Presort Type = Presort and Sort = Mixed NDC (NOTE: The Machinability Type field is not applicable in this scenario and is not be required.)
- The following combinations will be allowed for the Parcel Select mail class and NONE entry type:
  - Presort Type = Nonpresort (NOTE: Machinability Type and Sort are not applicable in this scenario and should not be required.)
  - Machinability Type = Machinable, Presort Type = Presort, and Sort = NDC
  - Machinability Type = Machinable, Presort Type = Presort, and Sort = Mixed NDC
  - Machinability Type = Irregular, Presort Type = Presort, and Sort = NDC
  - Machinability Type = Irregular, Presort Type = Presort, and Sort = Mixed NDC
- The following combinations will be allowed for the Parcel Select mail class and ONDC entry type:
  - Presort Type = Presort and Sort = Mixed NDC (NOTE: Machinability Type is not applicable in this scenario and is not be required.)
- The following message types will support the Parcel Select mail class:
  - Delivery Appointment Create
  - Delivery Appointment Update
  - Delivery Appointment Query
  - Delivery Appointment Cancel Create
  - Delivery Content Query
  - Delivery Content Create
  - Delivery Content Update
  - Recurring Appointment Query
  - Partner Appointment Query
  - Stale Content Query
  - USPS Delivery Content Updated Query

- To create a Parcel Return Service appointment, utilize the DeliveryApptShellCreateRequest and set the Comment field to ‘APPTTYPPRS’.
- To update a Parcel Return Service appointment, utilize the DeliveryApptShellUpdateRequest and set the Comment field to ‘APPTTYPPRS’ while referencing the existing Appointment ID of the PRS appointment created.


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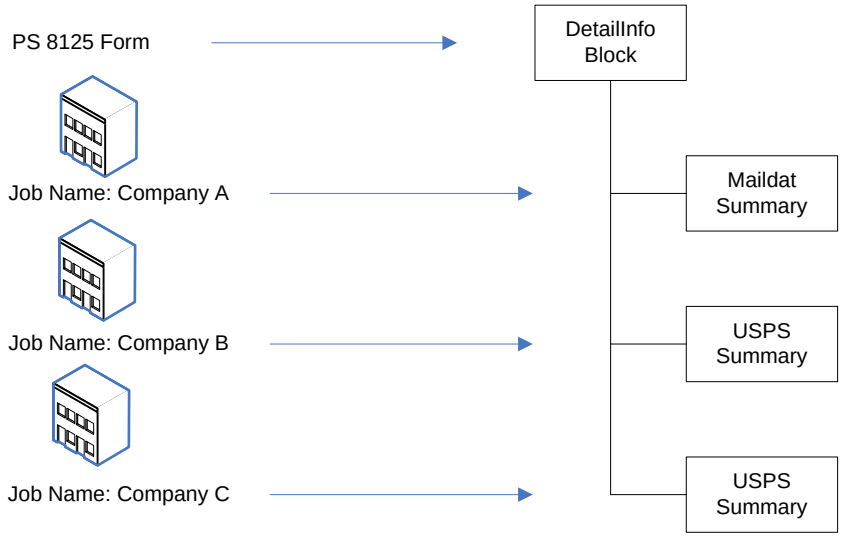
### 4.2.3 Detail Info Block

**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.




## 4.3 Multistop Support

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

### 4.3.1 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.
- 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.

### 4.3.2 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.
- An existing Appointment cannot be added to an existing or new Multistop through online or Web Services. In both cases, the Appointment will have to be canceled and rescheduled with the Multistop information.
- Any time an Appointment is canceled, the overall corporate rating may be impacted. Please see Mailer/Appointment Rating section of the *FAST User Guide* for more details on the rating calculation.

## 4.4 Error Codes/Return Values

For Release 30.0, FAST will be introducing Mail.xml error standardization in order to align with other Postal systems and provide additional detail to end users within Mail.xml error and warning responses.

1. Error Code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2. Severity or Error Type (Error vs. Warning)
3. Error Description
4. Submission Date
5. Action necessary to resolve the error or warning

Action messages will be added to this document as they become defined.

| Code | Error Message | Action | Tech Spec Version |
|---|---|---|---|
| 1004 | Invalid ConsigneeApptID | The ConsigneeApptID is not valid or was not provided. Enter a new ConsigneeApptID and try again. | All |
| 1009 | No slots available for that time/type - dock limit | Please try with either different Appointment Type or different time Slots. | All |
| 1010 | No slots available for that time/type - production limit | The volume requested (9) for the Machinable Parcel volume type exceeded the maximum available volume: 0 | All |
| 1011 | <appointment_type> Appointment must be scheduled at least <min_hour> hour in advance. | Please update the Appointment Date/Time so that it is at least <min_hour> hour beyond the Appointment message submission time. | All |
| 1012 | Appointments may only be scheduled up to 21 days in advance | Appointments may only be scheduled up to 21 days in advance | All |
| 1015 | Update/cancel refused - appointment closed/cancelled | This appointment has already been closed/cancelled and cannot be modified any further | All |
| 1018 | Requested appt date/time is past | Please change the Appointment Date/Time to a value greater than the current time. | All |
| 1019 | Update/Cancel not allowed past consignee editable time threshold | This action is no longer available. | All |
| 1029 | Update/Cancel not allowed past consignee editable time threshold | This action is no longer available. | All |
| 1202 | Invalid Mail Shape/Handling Unit combination | Please select another combination, Letter/Parcels is not a valid combination. | All |
| 314 | Generic Error code | 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 |


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| Code | Error Message | Action | Tech Spec Version |
|---|---|---|---|
| 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 | Please change the number of pallet positions to <number> or <operator>. | All |
| 3010 | Appointments must be updated at least 1 hour in advance | | All |
| 3011 | Facility does not accept drop shipments. | | All |
| 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 | <MailClass/MailShape> are not accepted at this Facility. Please create an appointment at <facility> | Please create this appointment at <facility> or select a different Mail Class/Mail Shape. | All |
| 3019 | A Speedline Appointment cannot have more than 24 total pallets | Please change the total number of pallets to 24 or fewer. | All |
| 3020 | Application cannot get response for the given tracking ID ( Refer to 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 | Select a valid Mail Class. This appointment can accept these Mail Class(es): <mail class>. If additional Mail Classes are needed to associate your content to this appointment, the Scheduler will need to enable them at the | All |


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| Code | Error Message | Action | Tech Spec Version |
|---|---|---|---|
| | | appointment-level. | |
| 3029 | No update to Content made | | All |
| 3030 | Publications only valid when Mail Class is Periodicals | | All |
| 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 | Action | Tech Spec Version |
|---|---|---|---|
| 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 |
| 3075 | Invalid TM Spec Version - Content has been previously updated with a higher version | | All |


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| Code | Error Message | Action | Tech Spec Version |
|---|---|---|---|
| 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 | Select a ContentID that is not 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 |
| 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 |


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| Code | Error Message | Action | Tech Spec Version |
|---|---|---|---|
| 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 |
| 3110 | Content Cancel Refused – Content is associated to an Appointment | Please include the ConsigneeApptID in the DeliveryContentCancel message or select a different ConsigneeContentID. | 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 | Select a Rate Type for the Package Services content. Valid Rate Types are B (Bound Printed Material), F (Media), and L (Library). | 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 |
| 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 |


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| Code | Error Message | Action | Tech Spec Version |
|---|---|---|---|
| 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. | Disassociate the Intelligent Mail Barcode from its current content and retry, or submit a different barcode not already 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 |
| 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 |


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| Code | Error Message | Action | Tech Spec Version |
|---|---|---|---|
| 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 |
| 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 |


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| Code | Error Message | Action | Tech Spec Version |
|---|---|---|---|
| 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 |
| 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 eInduction content. | | All |
| 3519 | Update refused. SchedulerContentID = <Customer Content ID> currently associated to an existing content on this appointment. | | All |


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| Code | Error Message | Action | Tech Spec Version |
|---|---|---|---|
| 3520 | The ConsigneeContentID is not associated with the SchedulerContentID. | | All |
| 3524 | The Facility must be a DDU and it must accept the requested service type. | | 14.0A |
| 3525 | Actual Piece Count is required. | | 14.0A |
| 3526 | Mail Class must be Package Services only. | | 14.0A |
| 3527 | Rate Type must be Parcel Select only. | | 14.0A |
| 3528 | The service requested cannot be created or modified within 24 hours. | | 14.0A |
| 3529 | This service is not available to the selected scheduler. | | 14.0A |
| 3530 | IMCB is required. | | 14.0A |
| 3531 | This Intelligent Mail Container Barcode has previously been associated to a Value Added Service content | | 14.0A |
| 3532 | Shell messaging does not support the service type | | 14.0A |
| 3533 | The mail preparer does not have a valid Negotiated Service Agreement for the selected service type. | | 14.0A |
| 3534 | This Mail.XML spec version is not supported for Value Added Service appointments. | | All |
| 3535 | Origin Entry content is not valid for Value Added Service appointments. | | 14.0A |
| 3536 | Actual piece count cannot be greater than <maxPieceCount>. | | All |
| 3537 | Bedload Counts are not allowed for Service Hubs. | | All |
| 3538 | ShipperMultiStopID <ShipperMultiStopID> is already in use by another Scheduler. Please use a different ShipperMultiStopID. | | All |
| 3539 | Only Pallet Appointments are allowed for Service Hubs. | | All |
| 3540 | Mail Shape must be Flats. | | All |
| 3542 | Rate Type must be BPM/Library/Media. | | All |
| 3543 | FSS (MaildatCode=E) is only applicable to Flats | | All |
| 3546 | The service requested is not valid for Origin Entry. | | 14.0A |
| 3547 | The Facility must be a SCF and it must accept the requested service type. | | 14.0A |
| 3548 | Mail Class must be First-Class only. | | All |


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| Code | Error Message | Action | Tech Spec Version |
|---|---|---|---|
| 3549 | Web Services appointments/contents cannot be cancelled when within 1 hour of scheduled appointment time. | | All |

NOTES:

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 mail item 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.

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.


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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.

## 4.5 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 <MailClass/MailShape> are redirected to <Facility>. Please refer to the Mail Direction Search Report or Drop Ship Product for the correct accepting facility. | No action is necessary. | All |
| 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 |


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| Code | Warning Message | Explanation | Spec |
|---|---|---|---|
| 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 |
| 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 |
| 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 | If a recurring appointment sequence is created/updated and there is no associated content. | All |


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| Code | Warning Message | Explanation | Spec |
|---|---|---|---|
| | are no contents. | | |
| 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 |
| 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 |
| 4030 | This Intelligent Mail Container Barcode has previously been associated to a non-Full Service content. | No action necessary. | 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 |
| 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


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- 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 |
| 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.

## 4.6 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) |


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| Code | Description | 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) |
| 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) |

## 4.7 Support Mailer SubmitterTrackingID on MailXML 14.0A and newer Messages

MailXML 14.0A and newer messages support ‘SubmitterTrackingID’ on MailXML request message. If the value is set by the mailer, the *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’.

### 4.7.1 Business Rules/ Assumptions:

1. MailXML 14.0A and newer messages support ‘SubmitterTrackingID’ on MailXML request message. If the value is set by the mailer, the *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’.
2. Mailers provide a SubmitterTrackingID as part of their request messages.
3. SubmitterTrackingID is currently required in the Mail.XML specification.
4. The *PostalOne!* system will use the SubmitterTrackingID to ensure that Mailer’s requests were processed one time only by Mail.XML and target applications
5. Mailer must provide a unique combination of SubmitterTrackingID/MessageName for 45 days in order to support these requirements.
6. The *PostalOne!* system 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.
7. The *PostalOne!* applications will include the SubmitterTrackingID in Mail.XML responses and error messages.
8. The *PostalOne!* applications generate responses or error messages for all Mail.XML requests.
9. The *PostalOne!* applications will use the following elements to identify and handle duplicate requests:

   UserID
   MessageName
   TrackingID (MailXML app assigns this)
   SubmitterTrackingID (assigned by the Mailer)
   RequestReceived DateTime (MailXML app assigns this)


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10. Duplicate messages will only be identified for mailers who are providing SubmitterTrackingIDs in their requests.
11. 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 14.0A

```
<mailxml:MessageResponseRetrievalResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://idealliance.org/Specs/mailxml14.0a/mailxml mailxml_14.0a.xsd "
xmlns:mailxml="http://idealliance.org/Specs/mailxml14.0a/mailxml"
xmlns:mailxml_base="http://idealliance.org/Specs/mailxml14.0a/base"
xmlns:mailxml_defs="http://idealliance.org/Specs/mailxml14.0a/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 Help Desk for more investigation to the issue preventing the
    target application from generating the response</mailxml_defs:ReturnDescription>
    </mailxml:ReturnInfo>

</mailxml:MessageResponseRetrievalReject>
</mailxml:MessageResponseRetrievalResponse>
```

### 4.7.2 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

    UserID
    MessageName
    TrackingID (MailXML app assigns this)
    SubmitterTrackingID (assigned by the Mailer)
    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:

    *"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 14.0A.

```
<mailxml:Fault  xmlns:mailxml="http://idealliance.org/Specs/mailxml14.0a/mailxml"
xmlns:mailxml_base="http://idealliance.org/Specs/mailxml14.0a/base"
xmlns:mailxml_defs="http://idealliance.org/Specs/mailxml14.0a/mailxml_defs"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://idealliance.org/Specs/mailxml14.0a/mailxml mailxml_14.0a.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
```


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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

   UserID
   MessageName
   TrackingID (MailXML app assigns this)
   SubmitterTrackingID (assigned by the Mailer)
   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 14.0A.

<mailxml:Fault xmlns:mailxml="http://idealliance.org/Specs/mailxml14.0a/mailxml"
xmlns:mailxml_base="http://idealliance.org/Specs/mailxml14.0a/base"
xmlns:mailxml_defs="http://idealliance.org/Specs/mailxml14.0a/mailxml_defs"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://idealliance.org/Specs/mailxml14.0a/mailxml mailxml_14.0a.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 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.

## 4.8 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:

## 4.9 Message Response Retrieval Request Processing

The *PostalOne!* system will generate the response to a MessageResponseRetrievalRequest (MRRR).

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:


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- CustomerSupplierAgreementQueryResponse
- DeliveryApptQueryResponse
- DeliveryApptCreateResponse
- DeliveryApptCancelResponse
- DeliveryApptCancelCreateResponse
- DeliveryApptUpdateResponse
- DeliveryApptShellCreateResponse
- DeliveryApptShellUpdateResponse
- DeliveryContentCreateResponse
- DeliveryContentUpdateResponse
- DeliveryContentCancelResponse
- DeliveryContentQueryResponse
- Fault
- RecurringApptQueryResponse
- AllApptCloseoutResponse
- PartnerApptQueryResponse

## 4.10 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.

## 4.11 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. For example, if an appointment was created using an earlier version of Mail.XML, then updated using a later version of Mail.XML, then the ConsigneeGoodsReceipt will be generated using the later version. If an appointment is created/updated using an earlier version of Mail.XML and never updated using a later version of Mail.XML, the ConsigneeGoodsReceipt will be generated using the earlier version.

If the scheduler has completed testing for the latest version of Mail.XML, the ConsigneeGoodsReceipt will be generated using that version. If the scheduler has completed testing for previous versions and the latest version, the ConsigneeGoodsReceipt will be generated using highest certified Mail.XML. Additionally, Mail Owners and Mail Preparers that have completed testing for newer Mail.XML specifications, 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.

If the scheduler has completed testing for a specific version of Mail.XML, then the UnscheduledConsigneeGoodsReceipt will be generated using that version. If the scheduler has completed testing for different versions, then 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.


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### 4.11.1 How Closeout Data for MailOwner and MailPreparer are 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.

## 4.12 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.

## 4.13 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.

## 4.14 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.

## 4.15 *PostalOne!* - FAST Web Services Authentication:

- The *PostalOne!* system will only provide username and password validation for Web Services messages sent to FAST. The *PostalOne! system* 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 for the messages listed below. 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.
- SchedulerID/SchedulerCorpId and/or SchedulerCRID in the message header will be authenticated by FAST for the DeliveryAppointmentUpdateRequest message.


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- 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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# 5. Appendix A - Mail.XML 16.0 Complex Types

FAST Complex Types Data Structures

***Note:*** *Final Mail.XML version to be confirmed by the USPS after design is completed*

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

## 5.1 Complex Type: ActualBedLoadType

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

| **Mail.XML 16.0 - Complex Type: ActualBedLoadType** | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| ActualBedLoadType BEGINS | | | | |
| HandlingUnit (as attribute) | palletHandlingUnitTyp e simple type | - | Required (Attribute) | Refer to this simple type in Appendix B |
| Choice Block BEGINS | | | | |
| ActualBedloadPercen t | nonNegativeInteger | | Required | |
| ActualBedloadCount | nonNegativeInteger | | Required | |
| Choice Block ENDS | | | | |
| ActualBedLoadType ENDS | | | | |

## 5.2 Complex Type: actualPalletType

Provides the actual count for a FAST pallet value

| **Mail.XML 16.0 - Complex Type: actualPalletType** | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| actualPalletType BEGINS | | | | |
| HandlingUnit (as attribute) | palletHandlingUnitype simple type | - | Required (Attribute) | Refer to this simple type in Appendix B |
| ActualPalletCount | nonNegativeInteger | - | Required | - |
| actualPalletType ENDS | | | | |

## 5.3 Complex Type: addressType

| **Mail.XML 16.0 - Complex Type: addressType** | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| addressType BEGINS | | | | |
| CommunicationRole | Mailxml_base:Comm unicationRoleType | Refer to 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:stateCo | See comments | Required | Refer to this simple |


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| Mail.XML 16.0 - Complex Type: addressType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| | de | | | 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 |

## 5.4 Complex Type: allDeliveryApptCloseoutAcceptType

| Mail.XML 16.0 - Complex Type: allDeliveryApptCloseoutAcceptType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| allDeliveryApptCloseoutAcceptType BEGINS | | | | |
| StatusRequestMsgHeaderInfo | StatusRequestMsgHeaderInfo attribute | - | Required | Refer to this attribute block in Appendix A |
| Sequence Block BEGINS | | | | |
| ConsigneeGoodsReceipt | ConsigneeGoodsReceipt data structure in Section 5 | | Optional<br>0 to many allowed | The data structure is outlined in Section 5. Refer to that section. |
| UnscheduledConsigneeGoodsReceipt | UnscheduledConsigneeGoodsReceipt | | Optional<br>0 to many allowed | The data structure is outlined in Section 5. Refer to that section. |
| Sequence block ENDS | | | | |
| allDeliveryApptCloseoutAcceptType ENDS | | | | |

## 5.5 Complex Type: apptBlockGoodsType

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

| Mail.XML 16.0 - Complex Type: apptBlockGoodsType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| apptBlockGoodsType BEGINS | | | | |
| MailClass | mailClassType simple type | - | Required<br>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 |
| 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- | Optional | |


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| Mail.XML 16.0 - Complex Type: apptBlockGoodsType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| | | DDTHH:MM:SS | | |
| 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<br>0 to many allowed | - |
| ContainerType | mailXMLContainerType simple type | - | Optional<br>0 to many allowed | Refer to this simple type in Appendix B |
| Choice Block BEGINS | | | Either IMcb or IMtb | |
| IMcb | IMcbType simple type | - | Optional<br>0 to many allowed | Refer to this simple type in Appendix B |
| IMtb | IMtbType simple type | - | Optional<br>0 to many allowed | Refer to this simple type in Appendix B |
| IMpb | IMpbType simple type | - | Optional<br>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 |
| 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<br>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.<br>0 to many allowed | Refer to this complex type in Appendix A |
| Choice Block ENDS | | | | |
| Irregularities | closeoutIrregualritiesType simple type | - | Optional<br>0 to many allowed | Refer to this simple type in Appendix B |
| Resolution | closeoutResolutionType simple type | - | Optional<br>0 to many allowed | Refer to this simple type in Appendix B |
| ActualBedload | actualBedloadType complex type | - | Optional<br>0 to many allowed | Refer to this complex type in Appendix A |
| ExemptionCode | exceptionCodeType simple type | - | Optional<br>0 to many allowed | Refer to this simple type in Appendix B |
| ValueAddedService | String | | Optional | Refer to this simple type in Appendix B |
| apptBlockGoodsType ENDS | | | | |


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## 5.6 Complex Type: apptBlockUnscheduledGoodsType

| Mail.XML 16.0 - Complex Type: apptBlockUnscheduledGoodsType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| apptBlockUnscheduledGoodsType BEGINS | | | | |
| MailClass | mailClassType simple type | - | Required<br>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<br>0 to many allowed | Refer to this simple type in Appendix B |
| Resolution | closeoutResolutionType simple type | - | Optional<br>0 to many allowed | Refer to this simple type in Appendix B |
| ActualBedload | actualBedloadType complex type | - | Optional<br>0 to many allowed | Refer to this complex type in Appendix A |
| ActualTotalPalletCount | NonNegativeInteger | - | Optional | - |
| ActualPalletCount | actualPalletType complex type | - | Optional<br>0 to many allowed | Refer to this complex type in Appendix A |
| ValueAddedService | String | | Optional | Refer to this simple type in Appendix B |
| apptBlockUnscheduledGoodsType ENDS | | | | |

## 5.7 Complex Type: apptBlockRequestType

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

| Mail.XML 16.0 - Complex Type: apptBlockRequestType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| apptBlockRequestType BEGINS | | | | |
| ConsigneeFacility | consigneeFacilityType complex type | - | Required | Refer to this complex type in Appendix A |
| PreferredAppt | dateTime | - | Required | - |
| OptionalAppt | optionalApptType complex type | - | Optional.<br>0 to many allowed | Refer to this complex type in Appendix A |
| Comment | String 256 | - | Optional | - |
| apptBlockRequestType ENDS | | | | |


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## 5.8 Complex Type: apptBlockUpdateType

| Mail.XML 16.0 - Complex Type: apptBlockUpdateType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| apptBlockUpdateType BEGINS | | | | |
| ConsigneeFacility | consigneeFacilityType complex type | - | Required | Refer to this complex type in Appendix A |
| PreferredAppt | dateTime | - | Required | - |
| OptionalAppt | dateTime | - | Optional.<br>0 to many allowed | - |
| ETA | dateTime | - | Optional | - |
| Comment | String 256 | - | Optional | - |
| apptBlockUpdateType ENDS | | | | |

## 5.9 Complex Type: apptInfoType

| Mail.XML 16.0 - Complex Type: apptBlockUpdateType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| apptInfoType BEGINS | | | | |
| sequence BEGINS | | | | |
| ApptConsigneeID | s12 | | | |
| ApptState | apptStateType | | | |
| ScheduledAppt | | | | |
| ActualTruckArrival | | | | |
| ActualStartUnload | | | Optional | |
| ActualEndUnload | | | Optional | |
| ApptCloseOutDetail | apptCloseoutDetailType | | | |
| Sequence ENDS | | | | |
| complexType ENDS | | | | |

## 5.10 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 16.0 - Complex Type: availableSlotType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| availableSlotType BEGINS | | | | |
| MailClass | mailClassType simple type | - | Required<br>1 to many allowed | Refer to this simple type in Appendix B |
| Perishable | Mailxml_base:yesNo | - | Optional | - |
| AvailableHours | availableHourType complex type | - | Required<br>1 to many allowed | Refer to this complex type in Appendix A |
| availableSlotType ENDS | | | | |


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## 5.11 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 16.0 - Complex Type: availableHourType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| availableHourType BEGINS | | | | |
| PreferredAppt (as attribute) | DateTime | YYYY-MM-DDTHH:MM:SS | Optional (attribute) | - |
| AvailableSlots | String 2 | - | Optional (attribute) | - |
| availableHourType ENDS | | | | |

## 5.12 Complex Type: basicReturnInfoType

| Mail.XML 16.0 - Complex Type: basicReturnInfoType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| basicReturnInfoType BEGINS | | | | |
| Sequence Block BEGINS | | | Optional<br>0 to many blocks are allowed | |
| ReturnCode | Numeric String 4 | Only numeric string allowed | Optional | - |
| ReturnDescription | String 260 | - | Required | - |
| ErrorWarning | ErrorWarningType complex type | - | Optional | Refer to this complex type in Appendix A |
| ContainerErrorWarningBlock | ContainerErrorWarningBlockType complex type | - | Optional | Refer to this complex type in Appendix A |
| Sequence Block ENDS | | | | |
| basicReturnInfoType ENDS | | | | |

## 5.13 Complex Type: bedloadUnitType

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

| Mail.XML 16.0 - Complex Type: bedloadUnitType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| bedloadUnitType BEGINS | | | | |
| USPSContainerInfo | uspsContainerInfoType complex type | - | Optional | Refer to this complex type in Appendix A |
| Choice Block BEGINS | | | Required Choice block<br>1 to many allowed<br>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 |


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| | | | | |
|---|---|---|---|---|
| Parcels | bedloadHandlingUnit Type complex type | - | Required | Refer to this complex type in Appendix A |
| Bundles | bedloadHandlingUnit Type complex type | - | Required | Refer to this complex type in Appendix A |
| Sequence Block ENDS | | | | |
| bedloadUnitType ENDS | | | | |

## 5.14 Complex Type: bedloadHandlingUnitType

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

| **Mail.XML 16.0 - Complex Type: bedloadHandlingUnitType** | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| bedloadHandlingUnit Type BEGINS | | | | |
| Count (as attribute) | nonNegativeInteger | | Required (attribute) | |
| PreSortLevel Block BEGINS | | | | |
| ContainerLevel (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 |
| bedloadHandlingUnit Type ENDS | | | | |

## 5.15 Attribute Type: CancelCreateMsgHeaderInfo

| **Mail.XML 16.0 - Attribute Type: CancelCreateMsgHeaderInfo** | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 to “CRIDType” simple type in Appendix B |
| ShipperMultiStopID | Mailxml_base:s12 | | Optional | |
| ConsigneeMultiStopID | Mailxml_base:s12 | | Optional | |
| ShipperStopNumber | Mailxml_base:ns06 | | Optional | |
| ApptType | Mailxml_base:apptTypeType | | Required | Refer to “apptTypeType” simple type in Appendix B |
| PickupOrDelivery | Mailxml_base:pickupOrDeliveryType | | Optional | Refer to “PickupOrDeliveryType” simple type in Appendix B |
| PalletPositionCount | Mailxml_base:ns02 | | Optional | |


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| Mail.XML 16.0 - Attribute Type: CancelCreateMsgHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| TransferAllContent | Mailxml_base:yesNo | - | Required | This flag indicates whether the content of the previous message should be transferred for use in the new create message. |
| CancelCreateMsgHeaderInfo ENDS | | | | |

## 5.16 Complex Type: carrierType

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

| Mail.XML 16.0 - Complex Type: carrierType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| carrierType BEGINS | | | | |
| CarrierName | String, 40 characters | | Required | |
| CarrierCRID | String 15<br>CRID Type | | Optional | Refer to this complex type in Appendix A below |
| CarrierAddress | addressType<br>complex type | | Optional | Refer to this complex type in Appendix A below |
| URL | Xs:anyURL | | Optional | |
| CommonContact | commonContactType<br>complex type | | Optional<br>0 to many allowed | Refer to this complex type in Appendix A below |
| carrierType ENDS | | | | |

## 5.17 Complex Type: containerErrorWarningBlockType

| Mail.XML 16.0 - Complex Type: containerErrorWarningBlockType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 | | | | |

## 5.18 Complex Type: contentCancelType

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

| Mail.XML 16.0 - Complex Type: contentCancelType |
|---|


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| Field | Format | Acceptable Values | Business Rules | Comment |
|---|---|---|---|---|
| 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 | | | | |

## 5.19 Complex Type: contentDetailInfoType

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

| Mail.XML 16.0 - Complex Type: contentDetailInfoType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| contentDetailInfoType BEGINS | | | | |
| 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 | - |
| NumberofDaysStale | Numeric String 2 | - | Optional | - |
| Choice Block BEGINS | | | Either Maildat Summary or ContentUSPSSummary block data is required.<br>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 | | | | |

## 5.20 Complex Type: contentDetailInfoUpdateType

| Mail.XML 16.0 - Complex Type: contentDetailInfoUpdateType |
|---|


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| Field | Format | Acceptable Values | Business Rules | Comment |
|---|---|---|---|---|
| contentDetailInfoUpdateType BEGINS | | | | |
| 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 | | | | |

## 5.21 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 16.0 - Complex Type: contentUSPSSummaryType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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<br>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 |


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| Mail.XML 16.0 - Complex Type: contentUSPSSummaryType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 | |
| 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<br>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 |
| contentUspsSummaryUpdate Type ENDS | | | | |

## 5.22 Complex Type: commonContactType

| Mail.XML 16.0 - Complex Type: commonContactType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| commonContactType 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 |


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| Mail.XML 16.0 - Complex Type: commonContactType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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<br>0 to many allowed | Refer to this complex type in Appendix A below |
| commonContactType ENDS | | | | |

## 5.23 Complex Type: consigneeFacilityType

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

| Mail.XML 16.0 - Complex Type: consigneeFacilityType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| consigneeFacilityType BEGINS | | | | |
| CompanyName | String, 40 characters | | Required | |
| 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 | | | | |
| FacilityAddress | addressType complex type | | Optional | Refer to this complex type in Appendix A |
| Choice Block ENDS | | | | |
| FacilityName | String, 40 characters | | Optional | |
| FacilityType | String, 15 characters | | Optional | |
| URL | Xs:anyURL | | Optional | |
| CommonContact | commonContactType complex type | | Optional<br>0 to many allowed | Refer to this complex type in Appendix A |
| consigneeFacilityType ENDS | | | | |

## 5.24 Complex Type: ContactIDType

| Mail.XML 16.0 - Complex Type: ContactIDType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| ContactIDType BEGINS | | | | |
| IDValue | String 30 | - | Required when ContactIDType block is provided | - |
| IDValueType | Mailxml_base:IDType simple type | - | Required when ContactIDType block is provided | Refer to this simple type in Appendix B |
| ContactIDType ENDS | | | | |


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## 5.25 Attribute Type: contentAssignmentRequestMsgHeaderInfo

| Mail.XML 16.0 - Attribute Type: contentAssignmentRequestMsgHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| contentAssignmentRequestMsgHeaderInfo BEGINS | | | Attributes block | |
| SchedulerID | Mailxml_base:s12 | | Optional | |
| SchedulerCorpID | Mailxml_base:s12 | | Optional | |
| SchedulerCRID | Mailxml_base:CRIDType | | Optional | Refer to “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 | | | | |

## 5.26 Complex Type: csaInfoType

| Mail.XML 16.0 - Complex Type: csaInfoType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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<br>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 |
| Sequence Block ENDS | | | | |
| csaInfoType ENDS | | | | |

## 5.27 Complex Type: csaDispatchType

| Mail.XML 16.0 - Complex Type: csaDispatchType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 | - |
| USPSPublicationID | String 8 | - | Optional | - |
| TripVolume | Numeric 3 | - | Optional | - |
| ContainerDestinationZipCode | String 11 | - | Optional<br>0 to many allowed | - |


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| Mail.XML 16.0 - Complex Type: csaDispatchType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 |
| 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 | | | | |

## 5.28 Attribute Type: CustomerSupplierAgreementQueryMsgHeaderInfo

| Mail.XML 16.0 - Attribute Type: CustomerSupplierAgreementQueryMsgHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| CustomerSupplierAgreementQueryMsgHeaderInfo BEGINS | | | Attributes block | |
| OwnerCRID | String 10 | - | Optional | - |
| CSAID | String 10 | - | Optional | - |
| CustomerSupplierAgreementQueryMsgHeaderInfo ENDS | | | | |

## 5.29 Complex Type: deliveryApptAcceptType

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

| Mail.XML 16.0 - Complex Type: deliveryApptAcceptType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 |


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| Mail.XML 16.0 - Complex Type: deliveryApptAcceptType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 | consigneeFacilityTyp e 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 | | | | |
| deliveryApptAcceptType ENDS | | | | |

## 5.30 Complex Type: deliveryApptUpdateAcceptType

| Mail.XML 16.0 - Complex Type: deliveryApptUpdateAcceptType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| deliveryApptUpdateAccept Type 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 |
| 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 |
| Sequence Block ENDS | | | | |
| deliveryApptUpdateAccept Type ENDS | | | | |

## 5.31 Complex Type: deliveryApptShellAcceptType

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


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| Mail.XML 16.0 - Complex Type: deliveryApptShellAcceptType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| deliveryApptShellAcceptType BEGINS | | | | |
| RequestMsgHeaderInfo Attribute block | - | - | Attribute block | Refer to this attribute in Appendix A |
| ConsigneeFacility | ConsigneeFacilityType 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 |
| 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<br>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 | | | | |

## 5.32 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 16.0 - Complex Type: deliveryApptShellRejectType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 |
| Sequence Block ENDS | | | | |
| DeliveryApptShellRejectType ENDS | | | | |

## 5.33 Complex Type: deliveryApptUpdateRejectType

| Mail.XML 16.0 - Complex Type: deliveryApptUpdateRejectType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| DeliveryApptUpdateRejectType BEGINS | | | | |


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| Mail.XML 16.0 - Complex Type: deliveryApptUpdateRejectType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 | | | | |

## 5.34 Complex Type: deliveryContentUpdatedType

| Mail.XML 16.0 - Complex Type: deliveryContentUpdatedType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 |
| Choice Block BEGINS | | Required block | | |
| ContentDetailInfoUpdate | contentDetailInfoUpdateType 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:yesNo | 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 | | | | |

## 5.35 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 16.0 – Complex Type: DeliveryContentAcceptType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| DeliveryContentAcceptType BEGINS | | | | |
| DeliveryContentHeaderInfo attribute block | DeliveryContentHeaderInfo attribute block | | Attributes block | Refer to this attribute block in Appendix A |


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| Mail.XML 16.0 – Complex Type: DeliveryContentAcceptType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| ConsigneeFacility | mailxml: ConsigneeFacilityType | | Optional | Refer to 'ConsigneeFacility' complex type in Appendix A |
| DestinationEntry | Mailxml_base:yesNo | Only Yes or No | Required | This is a Boolean type simple type |
| ContentDetailInfo | mailxml: ContentDetailInfoType | | Required 1 to many allowed | Refer to 'ContentDetailInfo' complex type in Appendix A |
| ReturnInfo | returnInfoType complex type | | Optional | Refer to this complex type in Appendix A |
| DeliveryContentAcceptType ENDS | | | | |

## 5.36 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 16.0 - Complex Type: DeliveryContentRejectType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 | | | | |

## 5.37 Complex Type: DeliveryContentUpdateAcceptType

| Mail.XML 16.0 - Complex Type: DeliveryContentUpdateAcceptType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| DeliveryContentUpdateAcceptType BEGINS | | | | |
| DeliveryContentUpdateHeaderInfo attribute block | DeliveryContentUpdateHeader Info attribute block | | Attributes block | Refer to this attribute block in Appendix A |
| ConsigneeFacility | mailxml: ConsigneeFacilityType | | Optional | Refer to 'ConsigneeFacility' complex type in Appendix A |
| DestinationEntry | Mailxml_base:yesNo | Only Yes or No | Required | This is a Boolean type simple type |
| ContentDetailInfoUpdate | mailxml: ContentDetailInfoUpdateType | | 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 |
| DeliveryContentUpdateAccep | | | | |


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| Mail.XML 16.0 - Complex Type: DeliveryContentUpdateAcceptType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| tType ENDS | | | | |

## 5.38 Complex Type: DeliveryContentUpdateRejectType

| Mail.XML 16.0 - Complex Type: DeliveryContentUpdateRejectType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| DeliveryContentUpdateRejectType BEGINS | | | | |
| DeliveryContentUpdateHeaderInfo attribute block | DeliveryContentUpdate HeaderInfo 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 | | | | |
| DeliveryContentUpdateRejectType ENDS | | | | |

## 5.39 Attribute Type: DeliveryContentHeaderInfo

| Mail.XML 16.0 - Attribute Type: DeliveryContentHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 | | | | |

## 5.40 Attribute Type: DeliveryContentUpdateHeaderInfo

| Mail.XML 16.0 - Attribute Type: DeliveryContentUpdateHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| DeliveryContentUpdateH eaderInfo 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 |


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| Mail.XML 16.0 - Attribute Type: DeliveryContentUpdateHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 | | | | |

## 5.41 Attribute Type: DeliveryContentQueryMsgHeaderInfo

| Mail.XML 16.0 - Attribute Type: DeliveryContentQueryMsgHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 | - |
| DeliveryContentQueryMsgHeaderInfo ENDS | | | | |

## 5.42 Attribute Type: DeliveryContentHeaderInfoCancel

| Mail.XML 16.0 - Attribute Type: DeliveryContentHeaderInfoCancel | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| DeliveryContentHeaderInfo Cancel 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 |
| DeliveryContentHeaderInfo Cancel ENDS | | | | |

## 5.43 Complex Type: DeliverySummaryType

| Mail.XML 16.0 - Complex Type: DeliverySummaryType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| DeliverySummaryType BEGINS | | | | |
| ConsigneeFacility | mailxml: ConsigneeFacilityType | | 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 | ContentDetailInfoType | | Optional | Refer to 'ContentDetailInfo' |


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| Mail.XML 16.0 - Complex Type: DeliverySummaryType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| | complex type | | 0 to many allowed | complex type in Appendix A |
| DeliverySummaryType ENDS | | | | |

## 5.44 ComplexType: detailInfoType

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

| Mail.XML 16.0 - ComplexType: detailInfoType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| DetailInfoType BEGINS | | | Optional | |
| ShipperContainerGroupingID | String, 16 characters | | Optional | |
| ConsigneeContainerGroupingID | String, 16 characters | | Optional | |
| StartTheClockDate | Date | - | Optional | - |
| ShipperGroupingIDDescription | String, 50 characters | - | Optional | - |
| Choice block BEGINS | | | Required<br>1 to many allowed | |
| MailDatSummary | mailDatSummaryType complex type | - | Required | Refer to this complex type in Appendix A |
| USPSSummary | uspsSummaryType complex type | - | Required | Refer to this complex type in Appendix A |
| ConsigneeContentID | String 12 | - | Required<br>The reason for ConsigneeContentID outside of the USPSSummary block will allow Schedulers to associate Stand-Alone content without updating any content level information.<br>All messages besides DeliveryApptCreateRequest, DeliveryApptUpdateRequest, DeliveryApptQueryRequest, and DeliveryApptCancelCreate request will ignore this field | - |
| Choice Block ENDS | | | | |
| DetailInfoType ENDS | | | | |

## 5.45 Complex Type: eFileSamplingTimeType

| Mail.XML 16.0 - Complex Type: eFileSamplingTimeType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| eFileSamplingTimeType BEGINS | | | | |
| EFileNumber | String 22 | - | Required | - |
| EFileSamplingTime | dateTime | - | Required | - |
| eFileSamplingTimeType ENDS | | | | |

## 5.46 Complex Type: GPSCoordinates

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


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| Mail.XML 16.0 - Complex Type: GPSCoordinates | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 to in Appendix A below |
| Sequence Block ENDS | | | | |
| GRPSCoordinate ENDS | | | | |

## 5.47 Attribute Type: LargeTransactionDividerGroupOptionalType

| Mail.XML 16.0 - Attribute Type: LargeTransactionDividerGroupOptionalType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| LargeTransactionDividerGroup OptionalType BEGINS | | | Attributes block | |
| MessageGroupID | String 20 | - | Optional | - |
| TotalMessageCount | positiveInteger | - | Optional | - |
| MessageSerialNumber | positiveInteger | - | Optional | - |
| TransmittedRecordCount | positiveInteger | - | Optional | - |
| TotalRecordsAcrossMessages | positiveInteger | - | Optional | - |
| LastMessage | Mailxml_base:yesNo | Only yes or no allowed | Indicates whether the record is last set as part of the response message. | - |
| LargeTransactionDividerGroup OptionalType ENDS | | | | |

## 5.48 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 16.0 - ComplexType: MailDatSummaryType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| MailDatSummaryType BEGINS | | | | |
| Attribute Block BEGINS | | | Required | |
| IncludedInSummarizationBlock | Mailxml_base:yesNo | Only Yes or No allowed | Optional (Attribute) | Refer to this simple type in Appendix B |
| SchedulerContentID | String, 12 characters | | Optional (Attribute) | |
| Attribute Block ENDS | | | | |
| UserLicenseCode | userLicenseCodeType simple type | - | Required | Refer to this simple type in Appendix B |
| MailDatJobID | jobIDType simple type | - | Required | Refer to this simple type in Appendix B |
| DatabaseContainerID | mailxml_base:database ContainerIDType | - | Required | Refer to this simple type in Appendix B |
| IMcb | mailxml_base:IMcbType | - | Optional | Refer to this simple type in Appendix B |


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| Mail.XML 16.0 - ComplexType: MailDatSummaryType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| VerificationZip4 | Numeric String, 9 characters | Only numbers from 0 to 9 are allowed | Optional | - |
| 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 |
| MailDatSummaryType ENDS | | | | |

## 5.49 Attribute Type: MailXMLHeaderInfo

| Mail.XML 16.0 - Attribute Type: MailXMLHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| MailXMLHeaderInfo BEGINS | | | Attributes block | |
| CustomerGroupID | String 25 | - | Optional<br>Applies to Mail.XML submissions | - |
| MailingGroupID | nonNegativeInteger | - | Optional<br>Applies to Mail.XML submissions | - |
| MaildatJobID | jobIDType simple type | - | Optional<br>Applies to Mail.dat files | Refer to this simple type in Appendix B |
| UserLicenseCode | userLicenseCodeType simple type | - | Optional<br>Applies to Mail.dat files. | Refer to this simple type in Appendix B |
| MailXMLHeaderInfo ENDS | | | | |

## 5.50 ComplexType: OneTimeApptType

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

| Mail.XML 16.0 - ComplexType: OneTimeApptType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| OneTimeApptType BEGINS | | | Required | |
| PreferredAppt | dateTime | YYYY-MM-DDTHH:MM:SS | Required | |
| OptionalAppt | optionalApptType complex type | | Optional<br>0 to many allowed | Refer to this complex type in Appendix A below |
| OneTimeApptType ENDS | | | | |

## 5.51 ComplexType: OptionalApptType

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

| Mail.XML 16.0 - ComplexType: OptionalApptType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| OptionalAppt BEGINS | | | Optional | |
| Start | dateTime | YYYY-MM-DDTHH:MM:SS | Required | |
| End | dateTime | YYYY-MM-DDTHH:MM:SS | Required | |
| OptionalAppt ENDS | | | | |


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## 5.52 ComplexType: palletUnitType

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

| Mail.XML 16.0 - ComplexType: palletUnitType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| palletUnitType BEGINS | | | Required | |
| Attribute Block BEGINS | | | Required | |
| 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 | | | | |

## 5.53 ComplexType: palletPresortType

PalletPresortType block provides information to identify the USPS container.

| Mail.XML 16.0 - ComplexType: palletPresortType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| palletPresortType BEGINS | | | Required | |
| Attribute Block BEGINS | | | Required | |
| Count | nonNegativeInteger | | Required, (Attribute) | |
| ContainerLevel | 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 | | | | |

## 5.54 Complex Type: partnerContentAssignmentType

| Mail.XML 16.0 - Complex Type: partnerContentAssignmentType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 | | | | |


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## 5.55 Complex Type: partnerApptBlockType

| Mail.XML 16.0 - Complex Type: partnerApptBlockType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| partnerApptBlockType BEGINS | | | | |
| ConsigneeFacility | consigneeFacilityType complex type | - | Optional | Refer to this complex type in Appendix A |
| ConsigneeApptID | String 12 | - | Required | - |
| ScheduledAppt | datetime | - | Required | - |
| Comment | String 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 |
| ContentDetailInfoUpdate | contentDetailInfoUpdateType complex type | - | Optional<br>0 to many allowed | Refer to this complex type in Appendix A |
| partnerApptBlockType ENDS | | | | |

## 5.56 Attribute Type: PartnerApptRequestHeaderInfo

| Mail.XML 16.0 - Attribute Type: PartnerApptRequestHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 |
| SchedulerContentID | String 12 | - | Optional | - |
| ConsigneeContentID | String 12 | - | Optional | - |
| Start | datetime | - | Optional | - |
| End | datetime | - | Optional | - |
| RetrieveContentUpdatedStartDate | Date | - | Optional | - |
| RetrieveContentUpdatedEndDate | Date | - | Optional | - |
| PartnerApptRequestHeaderInfo ENDS | | | | |

## 5.57 Attribute Type: PickupRequestHeaderInfo

| Mail.XML 16.0 - Attribute Type: PickupRequestHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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:app | | Required | Refer to “apptTypeType” |


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| Mail.XML 16.0 - Attribute Type: PickupRequestHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| | tTypeType | | | simple type in Appendix B |
| IncludesElectronicLoad | yesNo | | Optional | |
| PickupRequestHeaderInfo ENDS | | | | |

## 5.58 Attribute Type: PickupResponseHeaderInfo

| Mail.XML 16.0 - Attribute Type: PickupResponseHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| PickupResponseHeaderInfo 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:apptType Type | | Required | Refer to “apptTypeType” simple type in Appendix B |
| PickupResponseHeaderInfo ENDS | | | | |

## 5.59 Complex Type: pickupApptBlockRequestType

| Mail.XML 16.0 - Complex Type: pickupApptBlockRequestType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 | consigneeFacilityType complex type | - | Optional | Refer to this complex type in Appendix A |
| PickupLocation | consigneeFacilityType 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 | String 256 | - | Optional | - |
| TransportationResponsibility | responsibleTransportatio nPartyType simple type | - | Required | Refer to this simple type in Appendix B |
| pickupApptBlockRequestType ENDS | | | | |

## 5.60 Complex Type: pickupApptBlockResponseType

| Mail.XML 16.0 - Complex Type: pickupApptBlockResponseType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| pickupApptBlockResponseType BEGINS | | | | |


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| Mail.XML 16.0 - Complex Type: pickupApptBlockResponseType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| TrackingID | String 20 | - | Optional | - |
| ConsigneeFacility | consigneeFacilityType complex type | - | Optional | Refer to this complex type in Appendix A |
| PickupLocation | consigneeFacilityType complex type | - | Required | Refer to this complex type in Appendix A |
| ScheduledAppt | dateTime | - | Required | - |
| Comment | String 256 | - | Optional | - |
| TransportationResponsibility | responsibleTransportationPartyType simple type | - | Required | Refer to this simple type in Appendix B |
| pickupApptBlockResponseType ENDS | | | | |

## 5.61 Complex Type: queryErrorType

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

| Mail.XML 16.0 - Complex Type: queryErrorType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| queryErrorType BEGINS | | | | |
| ReturnInfo | returnInfoType complex type | - | Required | Refer to this complex type in Appendix A |
| queryErrorType ENDS | | | | |

## 5.62 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 16.0 - Complex Type: recurringApptType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 | | | | |

## 5.63 Complex Type: recurringApptBlockType

| Mail.XML 16.0 - Complex Type: recurringApptBlockType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 |


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| Mail.XML 16.0 - Complex Type: recurringApptBlockType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| | | | | 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 |
| 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 | | | | |

## 5.64 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 16.0 - Complex Type: recurringApptType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 | | | | |

## 5.65 Attribute Type: RecurringApptQueryRequestHeaderInfo

| Mail.XML 16.0 - Attribute Type: RecurringApptQueryRequestHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 | - |


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| Mail.XML 16.0 - Attribute Type: RecurringApptQueryRequestHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| RetrieveContentUpdatedStartDate | Date | - | Optional | - |
| RetrieveContentUpdatedEndDate | Date | - | Optional | - |
| RecurringApptQueryRequestHeaderInfo ENDS | | | | |

## 5.66 Attribute Type: RecurringApptQueryResponseHeaderInfo

| Mail.XML 16.0 - Attribute Type: RecurringApptQueryResponseHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 |
| 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 | | | | |

## 5.67 Attribute Type: RequestMsgHeaderInfo

| Mail.XML 16.0 - Attribute Type: RequestMsgHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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:CRID Type | | Optional | Refer to “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 to “apptTypeType” simple type in Appendix B |
| PickupOrDelivery | Mailxml_base:pickupOrDeliveryType | | Optional | Refer to “PickupOrDeliveryType” simple type in Appendix B |
| PalletPositionCount | Mailxml_base:n02 | | Optional | |
| IncludesElectronicLoad | yesNo | | Optional | |
| RequestMsgHeaderInfo | | | | |


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| Mail.XML 16.0 - Attribute Type: RequestMsgHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| ENDS | | | | |

## 5.68 Attribute Type: ResponseMsgHeaderInfo

| Mail.XML 16.0 - Attribute Type: ResponseMsgHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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:CRID Type | | Optional | Refer to “CRIDType” simple type in Appendix B |
| ShipperMultiStopID | Mailxml_base:s12 | | Optional | |
| ConsigneeMultiStopID | Mailxml_base:s12 | | Optional | |
| ShipperStopNumber | Mailxml_base:n06 | | Optional | |
| ApptType | Mailxml_base:apptT ypeType | | Required | Refer to “apptTypeType” simple type in Appendix B |
| PickupOrDelivery | Mailxml_base:pickup OrDeliveryType | | Optional | Refer to “PickupOrDeliveryType” simple type in Appendix B |
| PalletPositionCount | Mailxml_base:n02 | | Optional | |
| IncludesElectronicLoad | mailxml_base:yesNo | | Optional | |
| ResponseMsgHeaderInfo ENDS | | | | |

## 5.69 Attribute Type: ResponseApptUpdateMsgHeaderInfo

| Mail.XML 16.0 - Attribute Type: ResponseApptUpdateMsgHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| ResponseApptUpdateMsg HeaderInfo 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:CRI DType | | Optional | Refer to “CRIDType” simple type in Appendix B |
| ApptType | Mailxml_base:app tTypeType | | Required | Refer to “apptTypeType” simple type in Appendix B |
| PickupOrDelivery | Mailxml_base:pick upOrDeliveryType | | Optional | Refer to “PickupOrDeliveryType” simple type in Appendix B |
| PalletPositionCount | Mailxml_base:n02 | | Optional | |
| IncludesElectronicLoad | yesNo | | Optional | |
| ResponseApptUpdateMsg HeaderInfo ENDS | | | | |


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## 5.70 Complex Type: ReturnInfoType

| Mail.XML 16.0 - Complex Type: ReturnInfoType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| ReturnInfoType BEGINS | | | | |
| ConsigneeFacilityType | ConsigneeFacilityType complex type | - | Optional | Refer to this complex type in Appendix A |
| Error Warning Type | ErrorWarningType complex type | | Optional | Refer to this complex type in Appendix A |
| Sequence Block BEGINS | | | Optional<br>0 to many blocks are allowed | |
| ContainerErrorWarningBlock | containerErrorWarningBlockType complex type | - | Optional | Refer to this complex type in Appendix A |
| Sequence Block ENDS | | | | |
| ReturnInfoType ENDS | | | | |

## 5.71 Complex Type: optReturnInfoType

| Mail.XML 16.0 - Complex Type: optReturnInfoType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| ReturnInfoType BEGINS | | | | |
| ConsigneeFacilityType | ConsigneeFacilityType complex type | - | Optional | Refer to this complex type in Appendix A |
| Sequence Block BEGINS | | | Optional<br>0 to many blocks are allowed | |
| ReturnCode | Numeric String 4 | Only numeric string allowed | Optional | - |
| ReturnDescription | String 260 | - | Required | - |
| Sequence Block ENDS | | | | |
| ReturnInfoType ENDS | | | | |

## 5.72 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 16.0 - Complex Type: slotAvailabilityType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| slotAvailabilityType BEGINS | | | | |
| ApptType | apptTypeType simple type | - | Required | Refer to this simple type in Appendix B |
| MailClass | mailClassType simple type | - | Required<br>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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## 5.73 Complex Type: StaleContentNotificationElementType

| Mail.XML 16.0 - Complex Type: StaleContentNotificationElementType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 | | | | |

## 5.74 Attribute Type: StatusRequestMsgHeaderInfo

| Mail.XML 16.0 - Attribute Type: StatusRequestMsgHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 | | | | |

## 5.75 Attribute Type: StatusRequestByTimeMsgHeaderInfo

| Mail.XML 16.0 - Attribute Type: StatusRequestByTimeMsgHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| StatusRequestByTimeMsgHeaderInfo BEGINS | | | Attributes block | |
| SchedulerID | String 12 | - | Optional | - |
| SchedulerCRID | CRIDType simple type | - | Optional | Refer to this simple type in Appendix B |
| SchedulerCorpID | String 12 | - | Optional | - |
| CreatorSchedulerID | Mailxml_base:s12 | | Optional | |
| CreatorSchedulerCorpID | Mailxml_base:s12 | | Optional | - |
| CreatorSchedulerCRID | CRIDType simple type | - | Optional | Refer to this simple type in Appendix B |
| Start | datetime | - | Optional | - |
| End | datetime | - | Optional | - |
| StatusRequestByTImeMsgHeaderInfo ENDS | | | | |

## 5.76 Complex Type: participantIDType

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


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| Mail.XML 16.0 - Complex Type: SubmittingParty/ participantIDType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| ParticipantIDType Block BEGINS | | | Required block; Identifies the software submitting the message | |
| MailerID6 | Mailxml_base: mailerID6Type | | Optional<br>Either MailerID6 or MailerID9 can be provided, not both | Refer to “mailerID6Type” simple type in Appendix B |
| MailerID9 | Mailxml_base: mailerID9Type | | Optional<br>Either MailerID6 or MailerID9 can be provided, not both | Refer to “mailerID9Type” simple type in Appendix B |
| CRID | Mailxml_base: CRIDType | | Optional<br>Either CRID or MID can be provided for authorization | Refer to “CRIDType” simple type in Appendix B |
| SchedulerID | Mailxml_base: s12 | | Optional | |
| MaildatUserLicense | Mailxml_base: userLicenseCodeType | | Optional | Refer to “userLicenseCodeType” simple type in Appendix B |
| ShippingAgentID | String 12 | - | Optional | - |
| ReceivingAgentID | String 12 | - | Optional | - |
| ParticipantIDType Block ENDS | | | | |

## 5.77 Complex Type: SubmittingSoftwareType

| Mail.XML 16.0 - Complex Type: SubmittingSoftwareType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 | | | | |

## 5.78 Complex Type: trayHandlingUnitType

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

| Mail.XML 16.0 - Complex Type: trayHandlingUnitType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 | | | | |
| ContainerLevel (as attribute) | ContainerLevelType simple type | - | Required | Refer to this simple type in Appendix B |
| Count (as attribute) | nonNegativeInteger | - | Required | - |
| PreSortLevel Block ENDS | | | | |


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| Mail.XML 16.0 - Complex Type: trayHandlingUnitType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 | | | | |

## 5.79 Complex Type: trailerInfoType

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

| Mail.XML 16.0 - Complex Type: trailerInfoType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| TrailerInfoType BEGINS | | | | |
| Trailer | trailerType complex type | | Optional<br>0 to 2 allowed | Refer to this complex type in Appendix A below |
| Carrier | CarrierType complex type | | Optional | Refer to this complex type in Appendix A below |
| BillOfLadingNumber | String, 15 characters | | Required<br>1 – 2 allowed | - |
| TrailerInfoType ENDS | | | | |

## 5.80 Complex Type: trailerType

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

| Mail.XML 16.0 - Complex Type: trailerType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| trailerType BEGINS | | | | |
| TrailerNumber | String 12 | | Optional | |
| TrailerLength | Mailxml_base:trailerLengthType | | Optional | Refer to this simple type in Appendix B |
| trailerType ENDS | | | | |

## 5.81 Attribute Type: UnscheduledResponseMsgHeaderInfo

| Mail.XML 16.0 UnscheduledResponseMsgHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| UnscheduledResponseMsg HeaderInfo 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 |
| UnscheduledResponseMsg | | | | |


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| Mail.XML 16.0 UnscheduledResponseMsgHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| HeaderInfo ENDS | | | | |

## 5.82 Complex Type: USPSDeliveryContentUpdatedNotificationMsgHeaderInfo

| Mail.XML 16.0 - Complex Type: USPSDeliveryContentUpdatedNotificationMsgHeaderInfo | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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 | | | | |

## 5.83 Complex Type: USPSSummaryType

| Mail.XML 16.0 - Complex Type: USPSSummaryType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| 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<br>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 | |
| ProcessingCategory | processingCategoryT | - | Required | Refer to this simple |


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| Mail.XML 16.0 - Complex Type: USPSSummaryType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| | ype simple type | | | 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<br>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 | | | | |

## 5.84 Complex Type: USPSContainerInfoType

USPSContainerInfoType block provides container information for each container within content.

| Mail.XML 16.0 - Complex Type: USPSContainerInfoType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| uspsContainerInfoType BEGINS | | | | |
| MailOwnerID | String 12 | | Optional<br>0 to many allowed | |
| MailOwnerCRID | CRIDType simple type | - | Optional<br>0 to many allowed | Refer to this simple type in Appendix B |
| USPSPublicationID | String 8 | | Optional<br>0 to many allowed | |
| ActualPieceCount | nonNegativeInteger | | Optional | |
| ContainerWeight | float | | Optional | |
| Sequence Block BEGINS | | | Optional<br>sequence block<br>0 to many allowed | |
| IMcb | IMcbType simple type | | Required | Refer to this simple type in Appendix B |
| IMcbInfo | IMcbInfoType simple type | | Optional | Refer to this simple type in Appendix B |
| SiblingBarcode | IMcbType simple type | | Optional<br>0 to many allowed | Refer to this simple type in Appendix B |
| PostInductionStatus | PostInductionStatus Complex Type | | Optional | Refer to this complex type in Appendix A |
| Sequence block ENDS | | | | |
| Choice block BEGINS | | | Optional Choice block | |


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| Mail.XML 16.0 - Complex Type: USPSContainerInfoType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| | | | 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 | | | | |

## 5.85 Complex Type: uspsDetailType

| Mail.XML 16.0 - Complex Type: uspsDetailType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| uspsDetailType BEGINS | | | | |
| USPSMultiApptID | String 12 | - | Optional<br>0 to many allowed | - |
| USPSClosedBySV | uspsClosedBySVType complex type | - | Optional | Refer to this complex type in Appendix A |
| uspsDetailType ENDS | | | | |

## 5.86 Complex Type: uspsClosedBySVType

| Mail.XML 16.0 - Complex Type: uspsClosedBySVType | | | | |
|---|---|---|---|---|
| **Field** | **Format** | **Acceptable Values** | **Business Rules** | **Comment** |
| uspsClosedBySVType BEGINS | | | | |
| AutoScan | NonNegativeInteger | - | Optional | - |
| ManualScan | NonNegativeInteger | - | Optional | - |
| uspsClosedBySVType ENDS | | | | |


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# 6. Appendix B - Mail.XML 16.0 Simple Types

**Simple Type Data Structures**
The simple types below list variation of validation in Mail.XML 16.0.

## 6.1 simpleType: actionCodeType

| Tag | actionCodeType |
|---|---|
| Base | xs:string |
| enumeration | F = Forwarded |
| enumeration | W = Wasted |
| enumeration | R = Returned |
| enumeration | U = Unable to determine action |

## 6.2 simpleType: addressCorrectionMoveType

| Tag | addressCorrectionMoveType |
|---|---|
| Base | xs:string |
| enumeration | F = Family Move |
| enumeration | I = Individual Move |
| enumeration | B = Business Move |

## 6.3 simpleType: additionalInHomeRangeType

| Tag | additionalInHomeRangeType |
|---|---|
| Base | mailxml_base:n01 |

## 6.4 simpleType: adjustmentStatusType

| Tag | adjustmentStatusType |
|---|---|
| Base | xs:string |
| enumeration | R = Ready to Pay |
| enumeration | X = Paid |
| enumeration | C = Cancel |
| enumeration | P = Preliminary Postage Statement |
| enumeration | T = Transportation |

## 6.5 simpleType: adjustmentType

| Tag | adjustmentType |
|---|---|
| Base | xs:string |
| enumeration | 1 = Re-order in excess of tolerance |
| enumeration | 2 = “Average Remail” Add-on |
| enumeration | 3 = Spoilage |
| enumeration | 4 = Shortage |

## 6.6 simpleType: agencyCostCodeType

| Tag | agencyCostCodeType |
|---|---|
| Base | xs:string |
| pattern | [0-9]{5}\|[0-9]{6} |

## 6.7 simpleType: apptMethodType

| Tag | apptMethodType |
|---|---|
| Base | xs:string |
| enumeration | Online |


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| | |
|---|---|
| enumeration | Phone |
| enumeration | Webservices - Detail |
| enumeration | Webservices - No Detail |

## 6.8 simpleType: apptStateType

| Tag | apptStateType |
|---|---|
| Base | xs:string |
| enumeration | Scheduled |
| enumeration | Arrived |
| enumeration | ApptValidated |
| enumeration | WaitingToBeUnloaded |
| enumeration | Unloading |
| enumeration | FinishedUnloading |
| enumeration | ResolvingProblems |
| enumeration | Rejected |
| enumeration | Closed |

## 6.9 simpleType: apptStatusType

| Tag | apptStatusType |
|---|---|
| Base | xs:string |
| enumeration | Open |
| enumeration | Closed |
| enumeration | No Show |
| enumeration | Unscheduled |
| enumeration | Rejected |

## 6.10 simpleType: apptTypeType

| Tag | apptTypeType |
|---|---|
| Base | xs:string |
| enumeration | Pallet |
| enumeration | DropAndPick |
| enumeration | Speedline |
| enumeration | Bedload |

## 6.11 simpleType: barcodeRateType

| Tag | barcodeRateType |
|---|---|
| Base | xs:string |
| enumeration | Y = Yes |
| enumeration | N = No |
| enumeration | O = Other |

## 6.12 simpleType: billReasonCodeType

| Tag | billReasonCodeType |
|---|---|
| Base | xs:string |
| enumeration | E = Free period for the mailpiece has expired |
| enumeration | F = Mailpiece is not Full Service compliant |
| enumeration | M = Mailpiece does meet mail quality standards |
| enumeration | N = Mailpiece is Unassociated but has a Full Service STID |

## 6.13 simpleType: bundleDetailLevelType

| Tag | bundleDetailLevelType |
|---|---|
| Base | xs:string |


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| Tag | bundleDetailLevelType |
|---|---|
| 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 = FSS Sort Plan |

## 6.14 simpleType: bundleRecordStatusType

| Tag | bundleRecordStatusType |
|---|---|
| Base | xs:string |
| enumeration | O = Original |
| enumeration | D = Delete |
| enumeration | I = Insert |
| enumeration | U = Update |

## 6.15 simpleType: bundleStatusType

| Tag | bundleStatusType |
|---|---|
| Base | xs:string |
| enumeration | Blank |
| enumeration | C = Cancel |

## 6.16 simpleType: canadaAdMailOnlyType

| Tag | canadaAdMailOnlyType |
|---|---|
| Base | xs:string |
| enumeration | ST = Standard |
| enumeration | LG = Large |

## 6.17 simpleType: chargeableBundleLevelType

| Tag | chargeableBundleLevelType |
|---|---|
| Base | xs:string |
| enumeration | 3 = 3-Digit/SCF |
| enumeration | 5 = 5-Digit/Carrier Route |
| enumeration | A = ADC/AADC |
| enumeration | C = Carrier Route |


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| Tag | chargeableBundleLevelType |
|---|---|
| enumeration | F = Firm |
| enumeration | M = Mixed ADC and Mixed AADC |

## 6.18 simpleType: chargeableContainerType

| Tag | chargeableContainerType |
|---|---|
| Base | xs:string |
| enumeration | Sacks-Trays |
| enumeration | Pallets |

## 6.19 simpleType: chargeableContainerLevelType

| Tag | chargeableContainerLevelType |
|---|---|
| Base | xs:string |
| enumeration | 3 = 3-Digit/SCF |
| enumeration | 5 = 5-Digit/Carrier Route |
| enumeration | A = ADC/AADC |
| enumeration | M = Mixed ADC & Mixed AADC |

## 6.20 simpleType: chargeableEntryLevelType

| Tag | chargeableEntryLevelType |
|---|---|
| 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 |

## 6.21 simpleType: classNotificationType

| Tag | classNotificationType |
|---|---|
| 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 |

## 6.22 simpleType: closeoutIrregularitiesType

| Tag | closeoutIrregularitiesType |
|---|---|
| Base | xs:string |
| enumeration | B = Broken Pallet |
| enumeration | C = Count doesn’t 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 |
| enumeration | L = Load Unsafe |


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| Tag | closeoutIrregularitiesType |
|---|---|
| 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 |

## 6.23 simpleType: communicationRoleType

| Tag | communicationRoleType |
|---|---|
| Base | xs:string |
| enumeration | From |
| enumeration | To |
| enumeration | CC |

## 6.24 simpleType: componentWeightSourceType

| Tag | componentWeightSourceType |
|---|---|
| Base | String |
| enumeration | A = Agent (real-time) |
| enumeration | C = Calculated (formula) |
| enumeration | P = Postal (clerk) |
| enumeration | L = Logical (implied from rate) |

## 6.25 simpleType: componentWeightStatusType

| Tag | componentWeightStatusType |
|---|---|
| Base | String |
| enumeration | N = None Given |
| enumeration | P = Pending |
| enumeration | F = Final |
| enumeration | M = Manifest Weight as function |

## 6.26 simpleType: consigneeContentIDType

| Tag | consigneeContentIDType |
|---|---|
| Base | mailxml_base:s09 |

## 6.27 simpleType: containerBundleStatusType

| Tag | containerBundleStatusType |
|---|---|
| Base | xs:string |
| enumeration | -1 = Failed |


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| Tag | containerBundleStatusType |
|---|---|
| enumeration | 0 = Pending |
| enumeration | 1 = Success |

## 6.28 simpleType: IMtbType

| Tag | IMtbType |
|---|---|
| Base | String |
| maxLength | 24 |
| minLength | 24 |

## 6.29 simpleType: IMpbType

| Tag | IMpbType |
|---|---|
| Base | String |
| maxLength | 34 |
| minLength | 34 |

## 6.30 simpleType: containerAcceptanceDateType

| Tag | containerAcceptanceDateType |
|---|---|
| Base | xs:date |

## 6.31 simpleType: cccLevelType

| Tag | cccLevelType |
|---|---|
| Base | xs:string |
| enumeration | 3 = 3-Digit/SCF |
| enumeration | 5 = 5-Digit/Carrier Route |
| enumeration | A = ADC/AADC |
| enumeration | M = Mixed ADC & Mixed AADC |

## 6.32 simpleType: containerGrossWeightType

| Tag | containerGrossWeightType |
|---|---|
| Base | mailxml_base:s05 |

## 6.33 simpleType: containerHeightType

| Tag | containerHeightType |
|---|---|
| Base | mailxml_base:n03 |

## 6.34 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 | containerLevelType |
|---|---|
| Base | xs:string |


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| Tag | containerLevelType |
|---|---|
| enumeration | A = CR-Direct<br>Eligibility Type = S, T, P |
| enumeration | B = Mixed CR in 5 Digit<br>Eligibility Type = S, T, P |
| enumeration | C = Mixed CR in 3 Digit<br>Eligibility Type = S, T |
| enumeration | D = CR – 5D Scheme<br>Eligibility Type = S, T, P |
| enumeration | E = FSS Scheme |
| enumeration | F = FSS Facility |
| enumeration | G = 5 Digit (Auto/Presort)<br>Eligibility Type = S, T, P |
| enumeration | H = 5 Digit (Merged)<br>Eligibility Type = S, T, P |
| enumeration | I = 5 Digit (Presort Only)<br>Eligibility Type = S, T, P |
| enumeration | J = 5 Digit (Barcode Only)<br>Eligibility Type = S, T, P |
| enumeration | K = Metro Scheme<br>Eligibility Type = P |
| enumeration | M = 5D Scheme (Presort)<br>Eligibility Type = S, T, P |
| enumeration | N = 5D Scheme (Auto/Presort)<br>Eligibility Type = S, T, P |
| enumeration | P = 5D Scheme (Barcode)<br>Eligibility Type = S, T, P |
| enumeration | Q = 5D Scheme (Merged)<br>Eligibility Type = S, T, P |
| enumeration | R = 3 Digit (Auto, Presort)<br>Eligibility Type = S, T |
| enumeration | S = 3 Digit (Barcode)<br>Eligibility Type = S, T |
| enumeration | T = 3 Digit (Presort)<br>Eligibility Type = S, T |
| enumeration | U = 3 Digit (CR, Auto, Presort)<br>Eligibility Type = S, T, P |
| enumeration | V = 3 Digit Scheme<br>Eligibility Type = T |
| enumeration | W = Deleted – Place Holder |
| enumeration | X = SCF<br>Eligibility Type = S, P |
| enumeration | Y = Protected SCF<br>Eligibility Type = P |
| enumeration | Z = ADC<br>Eligibility Type = S, T, P |
| enumeration | AA = AADC<br>Eligibility Type = T |
| enumeration | AB = Mixed ADC<br>Eligibility Type = S, T, P |
| enumeration | AC = Mixed AADC<br>Eligibility Type = T |
| enumeration | AD = ASF<br>Eligibility Type = S, P |
| enumeration | AE = NDC (previously known as BMC)<br>Eligibility Type = S, P |


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| Tag | containerLevelType |
|---|---|
| enumeration | AF = Protected NDC<br>Eligibility Type = P |
| enumeration | AG = Mixed NDC<br>Eligibility Type = S, P |
| enumeration | AH = Origin MxADC<br>Eligibility Types = S, T , P |
| enumeration | AI = Protected ADC<br>Eligibility Types = P |
| enumeration | AJ = Single Piece Container<br>Eligibility Type = S, T |
| enumeration | AK = MXDS – Mixed Surface<br>Eligibility Type = P |
| enumeration | AL = MXDA – Mixed Air CSA FCM Only<br>Eligibility Type = P |
| enumeration | AM = Working<br>Eligibility Type = P |
| enumeration | AN = Single Piece – First Class<br>Eligibility Type = P |
| enumeration | AO = Surface<br>Eligibility Type = P |
| enumeration | AP = Air<br>Eligibility Type = P |
| enumeration | AQ = Local<br>Eligibility Type = P |
| enumeration | BA = Urban Direct<br>Eligibility Type = S, T |
| enumeration | BB = Rural Direct<br>Eligibility Type = S, T |
| enumeration | BC = Station<br>Eligibility Type = S, T, P |
| enumeration | BD = City<br>Eligibility Type = S, T, P |
| enumeration | BE = FSA<br>Eligibility Type = P |
| enumeration | BF = DCF<br>Eligibility Type = S, T, P |
| enumeration | BG = FCP<br>Eligibility Type = S, T, P |
| enumeration | BH = Province<br>Eligibility Type = P |
| enumeration | BI = Residual<br>Eligibility Type = S, T, P |
| enumeration | BJ = Foreign<br>Eligibility Type = S, T, P |
| enumeration | BK = Country<br>Eligibility Type = S, T, P |
| enumeration | BL = Mixed Country<br>Eligibility Type = S, T, P |
| enumeration | BM = M Bags<br>Eligibility Type = S |

## 6.35 simpleType: containerPickupDateType

| Tag | containerPickupDateType |
|---|---|
| Base | xs:date |


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## 6.36 simpleType: containerPickupTimeType

| Tag | containerPickupTimeType |
|---|---|
| Base | xs:time |

## 6.37 simpleType: containerShipDateType

| Tag | containerShipDateType |
|---|---|
| Base | xs:date |

## 6.38 simpleType: containerShipTimeType

| Tag | containerShipTimeType |
|---|---|
| Base | xs:time |

## 6.39 simpleType: contactType

| Tag | contactType |
|---|---|
| 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 |

## 6.40 simpleType: containerHeightSourceType

| Tag | containerHeightSourceType |
|---|---|
| Base | xs:string |
| enumeration | A = Actual |
| enumeration | E = Estimated |

## 6.41 simpleType: CQTdatabaseIDType

| Tag | CQTdatabaseIDType |
|---|---|
| Base | xs:nonNegativeInteger |
| totalDigits | 8 |
| whiteSpace | collapse |

## 6.42 simpleType: creditDebitIndicator

| Tag | creditDebitIndicator |
|---|---|
| Base | xs:string |
| enumeration | C = Credit |
| enumeration | D = Debit |

## 6.43 simpleType: CRIDType

| Tag | CRIDType |
|---|---|
| Base | xs:string |
| maxLength | 15 |


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| Tag | CRIDType |
|---|---|
| minLength | 1 |
| pattern | ([0-9])* |

## 6.44 simpleType: cRIDStatusType

| Tag | cRIDStatusType |
|---|---|
| Base | xs:string |
| enumeration | New |
| enumeration | Existing |

## 6.45 simpleType: csaTemplateType

| Tag | csaTemplateType |
|---|---|
| Base | xs:string |
| enumeration | PVDS-PER = Periodicals Plant Verified Drop Shipment |
| enumeration | DMU-C = DMU Verified Customer Transported |
| enumeration | DMU-P = DMU Verified Postal Transported |
| enumeration | BMEU = BMEU Verified |
| enumeration | UPVDS-PER = Unscheduled Periodicals Plant Verified Drop Shipment |
| enumeration | UDMU-C = Unscheduled DMU Verified Customer Transported |
| enumeration | UDMU-P = Unscheduled DMU Verified Postal Transported |
| enumeration | UBMEU = Unscheduled BMEU Verified |
| enumeration | U = Unscheduled |

## 6.46 simpleType: csaStatusType

| Tag | csaStatusType |
|---|---|
| Base | xs:string |
| enumeration | ACT = Active |
| enumeration | PEN = Pending |
| enumeration | INACT = Inactive |
| enumeration | INCOMP = Incomplete |
| enumeration | PREAPP = Pre-Approval |

## 6.47 simpleType: databaseContainerIDType

| Tag | databaseContainerIDType |
|---|---|
| Base | xs:nonNegativeInteger |
| totalDigits | 6 |

## 6.48 simpleType: dayFrequencyType

| Tag | dayFrequencyType |
|---|---|
| Base | xs:string |
| enumeration | Daily |
| enumeration | Monday |
| enumeration | Tuesday |
| enumeration | Wednesday |
| enumeration | Thursday |
| enumeration | Friday |
| enumeration | Saturday |
| enumeration | Sunday |

## 6.49 simpleType: daysOfWeekType

| Tag | daysOfWeekType |
|---|---|
| Base | xs:string |


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| Tag | daysOfWeekType |
|---|---|
| enumeration | MON |
| enumeration | TUE |
| enumeration | WED |
| enumeration | THU |
| enumeration | FRI |
| enumeration | SAT |
| enumeration | SUN |
| enumeration | MF |
| enumeration | MS |
| enumeration | ALL |
| enumeration | H |

## 6.50 simpleType: DirectOrMixedCategoryType

| Tag | DirectOrMixedCategoryType |
|---|---|
| Base | String |
| enumeration | Direct |
| enumeration | Mixed |

## 6.51 simpleType: dec18-8

| Tag | dec18 |
|---|---|
| Base | xs:decimal |
| totalDigits | 18 |
| fractionDigits | 8 |

## 6.52 simpleType: deliverabilityCodeType

| Tag | deliverabilityCodeType |
|---|---|
| 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 |

## 6.53 simpleType: electronicFileType

| Tag | deliverabilityCodeType |
|---|---|
| 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 |

## 6.54 simpleType: emailType

| Tag | emailType |
|---|---|
| Base | xs:string |

## 6.55 simpleType: enclosedByType

| Tag | enclosedByType |
|---|---|
| Base | xs:string |
| enumeration | SM = Standard Mail |
| enumeration | BP = Bound Printed Matter |
| enumeration | PE = Periodicals |


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| Tag | enclosedByType |
|---|---|
| enumeration | PP = Parcel Post |
| enumeration | ML = Media/Library Mail |

## 6.56 simpleType: entryDiscountType

| Tag | entryDiscountType |
|---|---|
| Base | xs:string |
| enumeration | N = None |
| enumeration | B = DNDC (previous DBMC) |
| enumeration | S = DSCF |
| enumeration | D = DDU |
| enumeration | A = DADC |

## 6.57 simpleType: entryFacilityType

| Tag | entryFacilityType |
|---|---|
| Base | xs:string |
| enumeration | O = Origin |
| enumeration | B = NDC (Previous BMC) |
| enumeration | S = SCF |
| enumeration | D = DDU |
| enumeration | A = ADC |

## 6.58 simpleType: entryPointEDPostalCodeType

| Tag | entryPointEDPostalCodeType |
|---|---|
| Base | mailxml_base:s06 |

## 6.59 simpleType: entryPointEDFacilityTypeType

| Tag | entryPointEDFacilityTypeType |
|---|---|
| Base | mailxml_base:s01 |

## 6.60 simpleType: entryPointADLocaleKeyType

| Tag | entryPointADLocaleKeyType |
|---|---|
| Base | mailxml_base:s09 |

## 6.61 simpleType: entryPointADPostalCodeType

| Tag | entryPointADPostalCodeType |
|---|---|
| Base | mailxml_base:s09 |

## 6.62 simpleType: es3

| Tag | es3 |
|---|---|
| Base | xs:string |
| maxLength | 3 |
| minLength | 3 |
| whiteSpace | preserve |

## 6.63 simpleType: es4

| Tag | es4 |
|---|---|
| Base | xs:string |
| maxLength | 4 |
| minLength | 4 |


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| Tag | es4 |
|---|---|
| whiteSpace | preserve |

## 6.64 simpleType: es5

| Tag | es5 |
|---|---|
| Base | xs:string |
| maxLength | 5 |
| minLength | 5 |
| whiteSpace | preserve |

## 6.65 simpleType: exemptionCodeType

| Tag | exemptionCodeType |
|---|---|
| Base | xs:string |
| enumeration | APO = All Periodicals |
| enumeration | APS = All Perishable |
| enumeration | CAPC = Cancelled within two hours |
| enumeration | DUE = Delivery Unit Exemption |
| enumeration | HC = Holiday Contingency Constraint Change |

## 6.66 simpleType: fASTSchedulerIDType

| Tag | fASTSchedulerIDType |
|---|---|
| Base | mailxml_base:s12 |

## 6.67 simpleType: feeNotificationType

| Tag | feeNotificationType |
|---|---|
| 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 |

## 6.68 simpleType: flatRateIndicatorType

| Tag | flatRateIndicatorType |
|---|---|
| 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 |
| 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 |

## 6.69 simpleType: formType

| Tag | formType |
|---|---|
| Base | xs:string |
| enumeration | PM = Priority Mail |
| enumeration | FC = First-Class |
| enumeration | SM = Standard Mail |
| enumeration | BP = Bound Printed Matters |
| enumeration | PE = Periodicals |


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| Tag | formType |
|---|---|
| enumeration | PP = Parcel Post |
| enumeration | ML = Media/Library Mail |
| enumeration | IM = International Mailing |
| enumeration | PS=Parcel Select |

## 6.70 simpleType: fullServiceComplianceIndicatorType

| Tag | fullServiceComplianceIndicatorType |
|---|---|
| Base | mailxml_base:yesNo |
| enumeration | Yes |
| enumeration | No |

## 6.71 simpleType: fspiType

| Tag | fspiType |
|---|---|
| Base | xs:string |
| enumeration | M = Mixed |
| enumeration | F = Full-Service |

## 6.72 simpleType: gPSSystemType

| Tag | gPSSystemType |
|---|---|
| Base | xs:string |
| enumeration | ECEF |
| enumeration | HAE |
| enumeration | MSL |

## 6.73 simpleType: IDType

| Tag | IDType |
|---|---|
| Base | xs:string |
| enumeration | DriversLicense |
| enumeration | EmployeeID |

## 6.74 simpleType: IMcbType

| Tag | IMcbType |
|---|---|
| Base | xs:string |
| maxLength | 24 |
| minLength | 21 |

## 6.75 simpleType: iMBType

| Tag | iMBType |
|---|---|
| Base | xs:string |
| maxLength | 34 |
| minLength | 20 |
| pattern | ([0-9])+ |

## 6.76 simpleType: iMBarcodeIDType

| Tag | iMBarcodeIDType |
|---|---|
| Base | mailxml_base:ns02 |

## 6.77 simpleType: iMBSerialNumber6Type

| Tag | iMBSerialNumber6Type |
|---|---|


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| Tag | iMBSerialNumber6Type |
|---|---|
| Base | mailxml_base:ns06 |

## 6.78 simpleType: iMBSerialNumber9Type

| Tag | iMBSerialNumber9Type |
|---|---|
| Base | mailxml_base:ns09 |

## 6.79 simpleType: iMBUpperSerializationType

| Tag | iMBUpperSerializationType |
|---|---|
| Base | mailxml_base:s18 |

## 6.80 simpleType: iMBLowerSerializationType

| Tag | iMBLowerSerializationType |
|---|---|
| Base | mailxml_base:s18 |

## 6.81 simpleType: incentiveTypeType

| Tag | incentiveTypeType |
|---|---|
| Base | String |
| enumeration | 1 = Incentive |
| enumeration | 2 = ICM Incentive |
| enumeration | 3 = Priority Mail International Incentive |
| enumeration | 4 = Express Mail International Incentive |

## 6.82 simpleType: includedInOtherDocType

| Tag | includedInOtherDocType |
|---|---|
| Base | xs:string |
| enumeration | L = Linked |
| enumeration | O = Original |

## 6.83 simpleType: internalDateType

| Tag | internalDateType |
|---|---|
| Base | xs:date |

## 6.84 simpleType: internationalPSPartType

| Tag | internationalPSPartType |
|---|---|
| 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 |
| 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 |


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## 6.85 simpleType: internationalZoneType

| Tag | internationalZoneType |
|---|---|
| Base | String |
| enumeration | 1 through 15 |

## 6.86 simpleType: internationalPSPartSectionType

| Tag | internationalPSPartSectionType |
|---|---|
| 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 |

## 6.87 simpleType: internationalPriceGroupType

| Tag | internationalPriceGroupType |
|---|---|
| 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 |

## 6.88 simpleType: inCountyOutCountyIndicatorType

| Tag | inCountyOutCountyIndicatorType |
|---|---|
| Base | xs:string |
| enumeration | I – In County |
| enumeration | N = Outside County |


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## 6.89 simpleType: jobIDType

| Tag | jobIDType |
|---|---|
| Base | xs:string |
| maxLength | 8 |
| minLength | 1 |
| whiteSpace | preserve |

## 6.90 simpleType: localeKeyType

| Tag | localeKeyType |
|---|---|
| Base | mailxml_base:s09 |

## 6.91 simpleType: inductionStatusType

| Tag | inductionStatusType |
|---|---|
| Base | xs:string |
| enumeration | A = Accepted |
| enumeration | N = Rejected |

## 6.92 simpleType: logicalPhysicalBundleIndicatorType

| Tag | logicalPhysicalBundleIndicatorType |
|---|---|
| Base | xs:string |
| enumeration | P = Physical |
| enumeration | L = Logical |

## 6.93 simpleType: logicalPhysicalContainerIndicatorType

| Tag | logicalPhysicalContainerIndicatorType |
|---|---|
| Base | xs:string |
| enumeration | P = Physical |
| enumeration | L = Logical |

## 6.94 simpleType: mailAgreementTypeType

| Tag | mailAgreementTypeType |
|---|---|
| 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 |

## 6.95 simpleType: mailClassType

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

## 6.96 simpleType: maildatContainerStatusType

| Tag | maildatContainerStatusType |
|---|---|
| Base | xs:string |


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| Tag | maildatContainerStatusType |
|---|---|
| enumeration | R = Ready to Pay |
| enumeration | X = Paid |
| enumeration | C = Cancel |
| enumeration | D = Delete |
| enumeration | P = Preliminary Postage Statement |
| enumeration | T = Transportation Information Update |

## 6.97 simpleType: mailerID6Type

| Tag | mailerID6Type |
|---|---|
| Base | mailxml_base:ns06 |

## 6.98 simpleType: mailerID9Type

| Tag | mailerID9Type |
|---|---|
| Base | mailxml_base:ns09 |

## 6.99 simpleType: mailXMLContainerType

| Tag | mailXMLContainerType |
|---|---|
| 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) |
| 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 |
| enumeration | Y = PMOD Sack |


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## 6.100 simpleType: mailXMLPresentationCategoryType

| Tag | mailXMLPresentationCategoryType |
|---|---|
| Base | xs:string |
| enumeration | M = MLOCR |
| enumeration | P = Conventional Presort |
| enumeration | I = Manifest Individual |
| enumeration | N = Single Piece |
| enumeration | S = Manifest Summary |
| enumeration | C = Consolidated Internal Copal job with linked logical and presort mailings |

## 6.101 simpleType: manifestType

| Tag | manifestType |
|---|---|
| enumeration | DM = Domestic Mail |
| enumeration | IM = International Mail |

## 6.102 simpleType: manifestMailClassType

| Tag | manifestMailClassType |
|---|---|
| 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 |

## 6.103 simpleType: manifestRateLevelType

| Tag | manifestRateLevelType |
|---|---|
| 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" |


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| Tag | manifestRateLevelType |
|---|---|
| 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" |
| 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" |

## 6.104 simpleType: manifestExtraServiceCode

| Tag | manifestExtraServiceCode |
|---|---|
| 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 |
| 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) |


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| Tag | manifestExtraServiceCode |
|---|---|
| enumeration | 985 = Hold for Pickup |

## 6.105 simpleType: mIDStatusType

| Tag | mIDStatusType |
|---|---|
| Base | xs:string |
| enumeration | New |
| enumeration | Existing |

## 6.106 simpleType: meteredAffixedMethodType

| Tag | meteredAffixedMethodType |
|---|---|
| Base | xs:string |
| enumeration | C = Metered - Correct |
| enumeration | L = Metered – Lowest |
| enumeration | M = Metered - Neither |

## 6.107 simpleType: monthType

| Tag | monthType |
|---|---|
| Base | xs:nonNegativeInteger |
| maxInclusive | 12 |
| minInclusive | 1 |

## 6.108 simpleType: moveUpdateMethodType

| Tag | moveUpdateMethodType |
|---|---|
| Base | xs:integer |
| enumeration | 0 = None |
| enumeration | 1 = ACS |
| enumeration | 2 = NCOA |
| enumeration | 3 = FAST Forward |
| enumeration | 4 = Mailer Move Update Process |
| enumeration | 5 = Ancillary Service Endorsement |
| enumeration | 6 = Multiple |
| enumeration | 7 = N/A |
| enumeration | 8 = OneCode ACS |

## 6.109 simpleType: MPUIDType

| Tag | MPUIDType |
|---|---|
| Base | xs:nonNegativeInteger |
| totalDigits | 5 |

## 6.110 simpleType: ns02

| Tag | ns02 |
|---|---|
| Base | xs:string |
| pattern | [0-9]{2} |

## 6.111 simpleType: ns03

| Tag | ns03 |
|---|---|
| Base | xs:string |
| pattern | [0-9]{3} |


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### 6.112 simpleType: ns04

| Tag | ns04 |
|---|---|
| Base | xs:string |
| pattern | [0-9]{4} |

### 6.113 simpleType: ns05

| Tag | ns05 |
|---|---|
| Base | xs:string |
| pattern | [0-9]{5} |

### 6.114 simpleType: ns06

| Tag | ns06 |
|---|---|
| Base | xs:string |
| pattern | [0-9]{6} |

### 6.115 simpleType: ns09

| Tag | ns09 |
|---|---|
| Base | xs:string |
| pattern | [0-9]{9} |

### 6.116 simpleType: ns10

| Tag | ns10 |
|---|---|
| Base | xs:string |
| pattern | [0-9]{10} |

### 6.117 simpleType: ns11

| Tag | ns11 |
|---|---|
| Base | xs:string |
| pattern | [0-9]{11} |

### 6.118 simpleType: ns22

| Tag | ns22 |
|---|---|
| Base | xs:string |
| pattern | [0-9]{22} |

### 6.119 simpleType: n01

| Tag | n01 |
|---|---|
| Base | xs:positiveInteger |
| totalDigits | 1 |

### 6.120 simpleType: n02

| Tag | n02 |
|---|---|
| Base | xs:positiveInteger |
| totalDigits | 2 |

### 6.121 simpleType: n03

| Tag | n03 |
|---|---|
| Base | xs:nonNegativeInteger |
| totalDigits | 3 |


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### 6.122 simpleType: n05

| Tag | n05 |
|---|---|
| Base | xs:nonNegativeInteger |
| totalDigits | 5 |

### 6.123 simpleType: n06

| Tag | n06 |
|---|---|
| Base | xs:nonNegativeInteger |
| totalDigits | 6 |

### 6.124 simpleType: addressType

| Tag | addressType |
|---|---|
| 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 |

### 6.125 simpleType: operatngModeType

| Tag | operatngModeType |
|---|---|
| Base | xs:string |
| enumeration | N = Normal |
| enumeration | B = ByPass |

### 6.126 simpleType: onePassPlannedOrActualFlagType

| Tag | onePassPlannedOrActualFlagType |
|---|---|
| Base | xs:string |
| enumeration | A = Actual |
| enumeration | P = Planned |

### 6.127 simpleType: packageIDType

| Tag | packageIDType |
|---|---|
| Base | mailxml_base:s06 |

### 6.128 simpleType: PackageServicesType

| Tag | PackageServicesType |
|---|---|
| Base | xs:string |
| enumeration | PS = Postage Statement |
| enumeration | BPM = Bound Printed Matter |
| enumeration | LIB = Library |
| enumeration | MEDIA = Media |
| enumeration | PP = Picture Permit |

### 6.129 simpleType: packagingMethodType

| Tag | packagingMethodType |
|---|---|
| Base | xs:string |


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| Tag | packagingMethodType |
|---|---|
| enumeration | 0 = Piece Count |
| enumeration | 1 = Weight |
| enumeration | 2 = Both |

## 6.130 simpleType: palletHandlingUnitType

| Tag | palletHandlingUnitType |
|---|---|
| Base | xs:string |
| enumeration | Airbox |
| enumeration | Sacks |
| enumeration | Bundles |
| enumeration | MixedLengthTrays |
| enumeration | 1ft Tray |
| enumeration | 2ft Tray |
| enumeration | EMM Tray |
| enumeration | Flat Tub |
| enumeration | Parcels |

## 6.131 simpleType: palletType

| Tag | palletType |
|---|---|
| Base | xs:string |
| enumeration | Airbox |
| 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 |

## 6.132 simpleType: parentContainerRefIDType

| Tag | parentContainerRefIDType |
|---|---|
| Base | mailxml_base:s06 |

## 6.133 simpleType: percentageType

| Tag | percentageType |
|---|---|
| Base | xs:decimal |
| totalDigits | 5 |
| fractionDigits | 2 |
| minInclusive | 0.00 |
| maxInclusive | 100.00 |

## 6.134 simpleType: periodicalPriceType

| Tag | periodicalPriceType |
|---|---|
| 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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## 6.135 simpleType: permitTypeType

| Tag | permitTypeType |
|---|---|
| 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 |

## 6.136 simpleType: phoneNumberType

| Tag | phoneNumberType |
|---|---|
| Base | xs:string |
| maxLength | 25 |
| minLength | 1 |
| whiteSpace | preserve |

## 6.137 simpleType: pickupOrDeliveryType

| Tag | pickupOrDeliveryType |
|---|---|
| Base | xs:string |
| enumeration | Pickup |
| enumeration | Delivery |

## 6.138 simpleType: planetCodeType

| Tag | planetCodeType |
|---|---|
| Base | xs:string |
| maxLength | 13 |
| minLength | 11 |
| pattern | [0-9]{2} |

## 6.139 simpleType: postageGroupingIDType

| Tag | postageGroupingIDType |
|---|---|
| Base | mailxml_base:s08 |

## 6.140 simpleType: postagePaymentMethodType

| Tag | postagePaymentMethodType |
|---|---|
| Base | xs:string |
| enumeration | S = Stamp |
| enumeration | M = Metered: Neither |
| enumeration | P = Permit |

## 6.141 simpleType: postageStatementLineNumber1Type

| Tag | postageStatementLineNumber1Type |
|---|---|
| Base | xs:string |
| enumeration | E26 |
| enumeration | E27 |
| enumeration | E28 |
| enumeration | E29 |


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| Tag | postageStatementLineNumber1Type |
|---|---|
| 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 |
| enumeration | E46 |

## 6.142 simpleType: postageStatementLineNumber2Type

| Tag | postageStatementLineNumber2Type |
|---|---|
| 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 |

## 6.143 simpleType: postageStatementLineNumber3Type

| Tag | postageStatementLineNumber3Type |
|---|---|
| Base | xs:string |
| enumeration | D1 |
| enumeration | D2 |
| enumeration | D3 |
| enumeration | D4 |
| enumeration | D5 |


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| Tag | postageStatementLineNumber3Type |
|---|---|
| enumeration | D6 |
| enumeration | D7 |
| enumeration | D8 |
| enumeration | D9 |
| enumeration | D10 |
| enumeration | D11 |
| enumeration | D12 |
| enumeration | D13 |
| enumeration | D14 |
| enumeration | D15 |
| enumeration | D16 |
| enumeration | D17 |

## 6.144 simpleType: postageStatementStatusType

| Tag | postageStatementStatusType |
|---|---|
| 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 |
| 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 |

## 6.145 simpleType: priceType

| Tag | priceType |
|---|---|
| Base | xs:string |
| enumeration | commercial |
| enumeration | commercialplus |
| enumeration | retail |
| enumeration | NSA |

## 6.146 simpleType: primarySecondaryIndicatorType

| Tag | primarySecondaryIndicatorType |
|---|---|
| Base | xs:string |
| enumeration | P = Primary |
| enumeration | S = Secondary |

## 6.147 simpleType: processingCategoryType

| Tag | processingCategoryType |
|---|---|
| Base | xs:string |
| enumeration | LT = Letter |


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| Tag | processingCategoryType |
|---|---|
| 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 |
| 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 |

## 6.148 simpleType: processingCodeType

| Tag | processingCodeType |
|---|---|
| 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 |

## 6.149 simpleType: qualificationReportClassType

| Tag | qualificationReportClassType |
|---|---|
| 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 |

## 6.150 simpleType: rateCategoryType

| Tag | rateCategoryType |
|---|---|
| Base | xs:string |
| enumeration | A = Saturation ECR |
| Enumeration | A1 = Non-Automation Saturation – ECR |
| enumeration | AF = Saturation ECT Letter |
| 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 |


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| Tag | rateCategoryType |
|---|---|
| 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<br>* 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 |
| 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<br>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.) |
| 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.) |


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| Tag | rateCategoryType |
|---|---|
| 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. |
| 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. |


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| Tag | rateCategoryType |
|---|---|
| enumeration | IQ68 = Global Direct |
| enumeration | IR69 = Reserved |
| enumeration | PS1 |
| enumeration | PS2 |
| enumeration | PS3 |
| enumeration | PS4 |
| enumeration | PS5 |
| enumeration | PS6 |
| enumeration | PS7 |
| enumeration | PS8 |
| enumeration | PS9 |
| enumeration | PS10 |
| enumeration | PS11 |

## 6.151 simpleType: rateLevelType

| Tag | rateLevelType |
|---|---|
| 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 |

## 6.152 simpleType: rateLevelIndicatorType

| Tag | rateLevelIndicatorType |
|---|---|
| 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) |
| 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) |

## 6.153 simpleType: rateType

| Tag | rateType |
|---|---|
| Base | xs:string |
| enumeration | R = Regular |
| enumeration | L = Library Mail |
| enumeration | B = Bound Printed Matter |


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| Tag | rateType |
|---|---|
| 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 = Regional Ground |
| 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 |

## 6.154 simpleType: reasonCodeType

| Tag | reasonCodeType |
|---|---|
| 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 |

## 6.155 simpleType: recurringStatusType

| Tag | recurringStatusType |
|---|---|
| Base | xs:string |
| enumeration | Active |
| enumeration | Pending |
| enumeration | All |

## 6.156 simpleType: reservationNumberType

| Tag | reservationNumberType |
|---|---|
| Base | mailxml_base:s15 |


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## 6.157 simpleType: roleType

| Tag | Mail.XML 16.0 |
|---|---|
| Base | xs:string |
| enumeration | Data Update Agent |
| 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 |
| enumeration | Carrier |
| enumeration | Data Brokering Agent |
| enumeration | Nixie |
| enumeration | StartTheClock |
| enumeration | ContainerVisibility |
| enumeration | DeliveryPointValidation |

## 6.158 simpleType: responsibleTransportationPartyType

| Tag | responsibleTransportationPartyType |
|---|---|
| Base | xs:string |
| enumeration | Shipper |
| enumeration | Consignee |

## 6.159 simpleType: RoutingZipCodeType

| Tag | RoutingZipCodeType |
|---|---|
| Base | xs:string |
| maxLength | 11 |


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| Tag | RoutingZipCodeType |
|---|---|
| minLength | 0 |

### 6.160 simpleType: s01

| Tag | s01 |
|---|---|
| Base | xs:string |
| maxLength | 1 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.161 simpleType: s02

| Tag | s02 |
|---|---|
| Base | xs:string |
| maxLength | 2 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.162 simpleType: s03

| Tag | s03 |
|---|---|
| Base | xs:string |
| maxLength | 3 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.163 simpleType: s04

| Tag | s04 |
|---|---|
| Base | xs:string |
| maxLength | 4 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.164 simpleType: s05

| Tag | s05 |
|---|---|
| Base | xs:string |
| maxLength | 5 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.165 simpleType: s06

| Tag | s06 |
|---|---|
| Base | xs:string |
| maxLength | 6 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.166 simpleType: s07

| Tag | s07 |
|---|---|
| Base | xs:string |
| maxLength | 7 |
| minLength | 1 |
| whiteSpace | preserve |


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### 6.167 simpleType: s08

| Tag | s08 |
|---|---|
| Base | xs:string |
| maxLength | 8 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.168 simpleType: s09

| Tag | s09 |
|---|---|
| Base | xs:string |
| maxLength | 9 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.169 simpleType: s10

| Tag | s10 |
|---|---|
| Base | xs:string |
| maxLength | 10 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.170 simpleType: s11

| Tag | s11 |
|---|---|
| Base | xs:string |
| maxLength | 11 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.171 simpleType: s12

| Tag | s12 |
|---|---|
| Base | xs:string |
| maxLength | 12 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.172 simpleType: s15

| Tag | s15 |
|---|---|
| Base | xs:string |
| maxLength | 15 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.173 simpleType: s16

| Tag | s16 |
|---|---|
| Base | xs:string |
| maxLength | 16 |
| minLength | 1 |
| whiteSpace | preserve |


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### 6.174 simpleType: s18

| Tag | s18 |
|---|---|
| Base | xs:string |
| maxLength | 18 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.175 simpleType: s20

| Tag | s20 |
|---|---|
| Base | xs:string |
| maxLength | 20 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.176 simpleType: s22

| Tag | s22 |
|---|---|
| Base | xs:string |
| maxLength | 22 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.177 simpleType: s25

| Tag | s25 |
|---|---|
| Base | xs:string |
| maxLength | 25 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.178 simpleType: s28

| Tag | s28 |
|---|---|
| Base | xs:string |
| maxLength | 28 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.179 simpleType: s30

| Tag | s30 |
|---|---|
| Base | xs:string |
| maxLength | 30 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.180 simpleType: s37

| Tag | s37 |
|---|---|
| Base | xs:string |
| maxLength | 37 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.181 simpleType: s40

| Tag | Mail.XML 16.0 |
|---|---|


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| Tag | Mail.XML 16.0 |
|---|---|
| Base | xs:string |
| maxLength | 40 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.182 simpleType: s45

| Tag | s45 |
|---|---|
| Base | xs:string |
| maxLength | 45 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.183 simpleType: s50

| Tag | s50 |
|---|---|
| Base | xs:string |
| maxLength | 50 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.184 simpleType: s60

| Tag | s60 |
|---|---|
| Base | xs:string |
| maxLength | 60 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.185 simpleType: s64

| Tag | s64 |
|---|---|
| Base | xs:string |
| maxLength | 64 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.186 simpleType: s66

| Tag | s66 |
|---|---|
| Base | xs:string |
| maxLength | 66 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.187 simpleType: s80

| Tag | s80 |
|---|---|
| Base | xs:string |
| maxLength | 80 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.188 simpleType: s256

| Tag | s256 |
|---|---|
| Base | xs:string |


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| Tag | s256 |
|---|---|
| maxLength | 256 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.189 simpleType: s260

| Tag | s260 |
|---|---|
| Base | xs:string |
| maxLength | 260 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.190 simpleType: sackingBasisType

| Tag | sackingBasisType |
|---|---|
| Base | xs:string |
| enumeration | 0 = Piece Count |
| enumeration | 1 = 20 lbs. |
| enumeration | 2 = 125 Pieces |
| enumeration | 3 = 15 lbs. |
| enumeration | 4 = Both |

### 6.191 simpleType: scheduledInductionDateType

| Tag | scheduledInductionDateType |
|---|---|
| Base | xs:date |

### 6.192 simpleType: scheduledInductionTimeType

| Tag | scheduledInductionTimeType |
|---|---|
| Base | xs:time |

### 6.193 simpleType: scheduledInHomeDateType

| Tag | scheduledInHomeDateType |
|---|---|
| Base | xs:date |

### 6.194 simpleType: serialNumberSevenOrEleven

| Tag | serialNumberSevenOrEleven |
|---|---|
| Base | String |
| Pattern | "[0-9]{7}\|[0-9]{11}" |

### 6.195 simpleType: serialNumberTenOrFourteen

| Tag | serialNumberTenOrFourteen |
|---|---|
| Base | String |
| Pattern | "[0-9]{10}\|[0-9]{14}" |

### 6.196 simpleType: serviceLevelIndicatorType

| Tag | serviceLevelIndicatorType |
|---|---|
| Base | xs:string |
| enumeration | F = Full-Service |
| enumeration | B = Basic |
| enumeration | P = POSTNET |
| enumeration | O = Other |


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## 6.197 simpleType: serviceCodeType

| Tag | serviceCodeType |
|---|---|
| Base | xs:string |
| enumeration | CM = Certified Mail |
| enumeration | COD = Collect on Delivery |
| enumeration | CODE = Electronic Collect on Delivery |
| enumeration | COM = Certificate of Mailing |
| enumeration | DC = Delivery Confirmation |
| enumeration | DCE = Delivery Confirmation Electronic |
| enumeration | IM = Insured Mail |
| enumeration | PAL = Parcel Airlift |
| 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 | SCE = Signature Confirmation Electronic |
| enumeration | SH = Special Handling |
| enumeration | AS = Adult Signature |
| enumeration | RAS = Restricted Adult Signature |
| enumeration | DCD = Day Certain Delivery |
| enumeration | CBM = Certificate of Bulk Mailing |

## 6.198 simpleType: ServiceTypeCodeType

| Tag | ServiceTypeCodeType |
|---|---|
| Base | mailxml_base:ns03 |

## 6.199 simpleType: sortationLevelType

| Tag | sortationLevelType |
|---|---|
| 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 |
| enumeration | PSCF |
| enumeration | NDC |
| enumeration | PNDC |
| enumeration | MNDC |
| enumeration | ASF |
| enumeration | OMX |
| enumeration | PADC |


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| Tag | sortationLevelType |
|---|---|
| enumeration | MRDC |
| enumeration | SP |
| enumeration | MXDS |
| enumeration | MXDA |
| enumeration | WORKING |
| enumeration | SINGLEPIECE |
| enumeration | SURFACE |
| enumeration | AIR |
| enumeration | LOCAL |

## 6.200 simpleType: serviceSubCodeType

| Tag | serviceSubCodeType |
|---|---|
| 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 |

## 6.201 simpleType: standardFlatTypeType

| Tag | standardFlatTypeType |
|---|---|
| Base | xs:string |
| enumeration | Catalog |
| enumeration | NotCatalog |

## 6.202 simpleType: stateCode

| Tag | stateCode |
|---|---|
| Base | xs:string |
| enumeration | AA = Armed Forces Americas (except Canada) |
| enumeration | AE = Armed Forces Europe (covers all USARAEUR)<br>Armed Forces Canada<br>Armed Forces Middle East<br>Armed Forces Africa |
| enumeration | AP = Armed Forces Pacific |
| enumeration | AL = ALABAMA |
| enumeration | AK = ALASKA |
| enumeration | AS = AMERICAN SAMOA |
| enumeration | AZ = ARIZONA |
| enumeration | AR = ARKANSAS |
| enumeration | CA = CALIFORNIA |
| enumeration | CO = COLORADO |
| enumeration | CT = CONNECTICUT |
| enumeration | DE = DELAWARE |
| enumeration | DC = DISTRICT OF COLUMBIA |
| enumeration | FM = FEDERATED STATES OF MICRONESIA |
| enumeration | FL = FLORIDA |
| enumeration | GA = GEORGIA |
| enumeration | GU = GUAM |
| enumeration | HI = HAWAII |
| enumeration | IL = ILLINOIS |
| enumeration | IN = INDIANA |
| enumeration | IA = IOWA |


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| Tag | stateCode |
|---|---|
| enumeration | ID = IDAHO |
| enumeration | KS = KANSAS |
| enumeration | KY = KENTUCKY |
| enumeration | LA = LOUISIANA |
| enumeration | MH = MARSHALL ISLANDS |
| enumeration | MD = MARYLAND |
| enumeration | MA = MASSACHUSETTS |
| enumeration | MO = MISSOURI |
| enumeration | MI = MICHIGAN |
| enumeration | MN = MINNESOTA |
| enumeration | MS = MISSISSIPPI |
| enumeration | MT = MONTANA |
| enumeration | NE = NEBRASKA |
| enumeration | NH = NEW HAMPSHIRE |
| enumeration | NV = NEVADA |
| enumeration | NJ = NEW JERSEY |
| enumeration | NM = NEW MEXICO |
| enumeration | NY = NEW YORK |
| enumeration | NC = NORTH CAROLINA |
| enumeration | ND = NORTH DAKOTA= NORTH DAKOTA |
| enumeration | MP = NORTHERN MARIANA ISLANDS |
| enumeration | OH = OHIO |
| enumeration | OR = OREGON |
| enumeration | OK = OKLAHOMA |
| enumeration | PW = PALAU |
| enumeration | PA = PENNSYLVANIA |
| enumeration | PR = PUERTO RICO |
| enumeration | RI = RHODE ISLAND |
| enumeration | SC = SOUTH CAROLINA |
| enumeration | SD = SOUTH DAKOTA |
| enumeration | TN = TENNESSEE |
| enumeration | TX = TEXAS |
| enumeration | UT = UTAH |
| enumeration | VT = VERMONT |
| enumeration | VI = VIRGIN ISLANDS |
| enumeration | VA = VIRGINIA |
| enumeration | WA = WASHINGTON |
| enumeration | WV = WEST VIRGINIA |
| enumeration | WI = WISCONSIN |
| enumeration | WY = WYOMING |

## 6.203 simpleType: statusType

| Tag | statusType |
|---|---|
| Base | xs:string |
| enumeration | Accepted |
| enumeration | Amended |
| enumeration | Cancelled |
| enumeration | Counterproposal |
| enumeration | New |
| enumeration | NoAction |
| enumeration | Original |
| enumeration | PartiallyAccepted |
| enumeration | Pending |
| enumeration | Rejected |


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| Tag | statusType |
|---|---|
| enumeration | Replaced |

## 6.204 simpleType: stopDesignatorType

| Tag | stopDesignatorType |
|---|---|
| Base | mailxml_base:s02 |

## 6.205 simpleType: surchargeType

| Tag | surchargeType |
|---|---|
| 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 |

## 6.206 simpleType: totalWeightType

| Tag | totalWeightType |
|---|---|
| Base | mailxml_base:s05 |

## 6.207 simpleType: trailerLengthType

| Tag | trailerLengthType |
|---|---|
| Base | xs:string |
| enumeration | 20ft |
| enumeration | 40ft |
| enumeration | 45ft |
| enumeration | 48ft |
| enumeration | 53ft |

## 6.208 simpleType: transportationMethodType

| Tag | transportationMethodType |
|---|---|
| Base | xs:string |
| enumeration | USPS |
| enumeration | Mailer |

## 6.209 simpleType: transportationModeType

| Tag | transportationModeType |
|---|---|
| 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 |

## 6.210 simpleType: transShipBoLNumberType

| Tag | transShipBoLNumberType |
|---|---|
| Base | mailxml_base:s05 |


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## 6.211 simpleType: trayType

| Tag | Mail.XML 16.0 |
|---|---|
| Base | xs:string |
| enumeration | MixedLengthTrays |
| enumeration | 1ft Tray |
| enumeration | 2ft Tray |
| enumeration | EMM Tray |
| enumeration | Flat Tub |

## 6.212 simpleType: trayTypeIndicatorType

| Tag | trayTypeIndicatorType |
|---|---|
| Base | xs:string |
| enumeration | F = 2 Foot Tray |
| enumeration | M = MM Tray |
| enumeration | E = EMM Tray |
| enumeration | H = 1 Foot Tray |
| enumeration | U = Unknown |

## 6.213 simpleType: truckDispatchNumberType

| Tag | truckDispatchNumberType |
|---|---|
| Base | mailxml_base:s10 |

## 6.214 simpleType: unitLoadType

| Tag | unitLoadType |
|---|---|
| Base | xs:string |
| enumeration | CrossDockPallets |
| enumeration | WorkingPallets |
| enumeration | Trailers |

## 6.215 simpleType: uOMType

| Tag | uOMType |
|---|---|
| Base | xs:string |
| enumeration | AirDryMetricTonne |
| enumeration | AirDryPercent |
| enumeration | AirDryShortTon |
| enumeration | Bale |
| enumeration | BoardFoot |
| enumeration | BookUnit |
| enumeration | Box |
| enumeration | Bundle |
| 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 |


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| Tag | uOMType |
|---|---|
| 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 |
| 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 |
| enumeration | ThousandLinealFeet |


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| Tag | uOMType |
|---|---|
| enumeration | ThousandPieces |
| enumeration | ThousandSquareCentimeters |
| enumeration | ThousandSquareFeet |
| enumeration | ThousandSquareInch |
| enumeration | Ton |
| enumeration | TonsPerHour |
| enumeration | Unit |
| enumeration | UnknownBreaks |
| enumeration | Week |
| enumeration | Yard |

### 6.216 simpleType: uniqueContainerIDType

| Tag | uniqueContainerIDType |
|---|---|
| Base | xs:string |
| maxLength | 12 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.217 simpleType: userInformationLine1Type

| Tag | uniqueContainerIDType |
|---|---|
| Base | mailxml_base:s40 |

### 6.218 simpleType: userInformationLine2Type

| Tag | userInformationLine2Type |
|---|---|
| Base | mailxml_base:s40 |

### 6.219 simpleType: userLicenseCodeType

| Tag | userLicenseCodeType |
|---|---|
| Base | xs:string |
| maxLength | 4 |
| minLength | 1 |
| whiteSpace | preserve |

### 6.220 simpleType: uspsPickupType

| Tag | uspsPickupType |
|---|---|
| Base | xs:string |
| enumeration | Y = Yes |
| enumeration | N = No |

### 6.221 simpleType: verificationLocationType

| Tag | verificationLocationType |
|---|---|
| Base | xs:string |
| enumeration | BMEU = Business Mail Entry Unit |
| enumeration | DMU = Detached Mailing Unit |

### 6.222 simpleType: wastedPieceIndicatorType

| Tag | wastedPieceIndicatorType |
|---|---|
| Base | xs:string |
| enumeration | W = Wasted |
| enumeration | S = Shortage |


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| Tag | wastedPieceIndicatorType |
|---|---|
| enumeration | X = Wasted piece and postage adjustment should NOT be triggered |
| enumeration | T = Shortage pieces not produced and postage adjustment should NOT be triggered |

## 6.223 simpleType: weekFrequencyType

| Tag | weekFrequencyType |
|---|---|
| Base | xs:string |
| enumeration | Weekly |
| enumeration | Bi-Weekly |
| enumeration | First |
| enumeration | Second |
| enumeration | Third |
| enumeration | Fourth |
| enumeration | Fifth |
| enumeration | Sixth |

## 6.224 simpleType: weightBreakType

| Tag | weightBreakType |
|---|---|
| Base | xs:string |
| 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<br>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 |

## 6.225 simpleType: yesNo

| Tag | yesNo |
|---|---|
| Base | xs:string |
| enumeration | Yes |
| enumeration | No |

## 6.226 simpleType: zipCodeThreeOrFiveDigit

| Tag | zipCodeThreeOrFiveDigit |
|---|---|
| Base | xs:string |
| pattern | "[0-9]{3}\|[0-9]{5}" - Space removed |

## 6.227 simpleType: zoneICType

| Tag | zoneICType |
|---|---|
| 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 = In County DDU |
| enumeration | IC = In County Other |
| enumeration | DDU = Out County DDU |


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| Tag | zoneICType |
|---|---|
| enumeration | SCF = Out County DSCF |
| enumeration | ADC = Out County DADC |

## 6.228 simpleType: onePassOrTwoPassType

| Tag | onePassOrTwoPassType |
|---|---|
| Base | xs:string |
| enumeration | One |
| enumeration | Two |

## 6.229 simpleType: USPSPriceIncentiveType

| Tag | USPSPriceIncentiveType |
|---|---|
| Base | xs:string |
| enumeration | PostageAffixedReplyRidesFree |
| enumeration | Saturation-HDTotal |
| enumeration | Saturation-HDSCF |
| enumeration | Summer Sale |

## 6.230 simpleType: ContentOfMailType

| Tag | ContentOfMailType |
|---|---|
| Base | xs:string |
| enumeration | A |
| enumeration | B |
| enumeration | C |
| enumeration | E |
| enumeration | A1 |
| enumeration | A2 |
| enumeration | A3 |
| enumeration | B1 |
| enumeration | C1 |

## 6.231 simpleType: uspsPackageUniqueCharacteristicType

| Tag | uspsPackageUniqueCharacteristicType |
|---|---|
| Base | Xs:string |

## 6.232 simpleType: StandardFlatTypeType

| Tag | StandardFlatTypeType |
|---|---|
| Base | xs:string |
| enumeration | Catalog |
| enumeration | NonCatalog |

## 6.233 simpleType: MarketingOrFulfillmentType

| Tag | MarketingOrFulfillmentType |
|---|---|
| Base | xs:string |
| enumeration | Marketing |
| enumeration | Fulfillment |

## 6.234 simpleType: MLOCRRateType

| Tag | MLOCRRateType |
|---|---|
| Base | xs:string |
| enumeration | R = Regular |


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| Tag | MLOCRRateType |
|---|---|
| enumeration | N = Nonprofit |

## 6.235 simpleType: closeoutResolutionType

| Tag | closeoutResolutionType |
|---|---|
| Base | xs:string |
| enumeration | DCD = Driver Contracted Dispatch Office |
| enumeration | DCO = Destination Contacted Origin |
| enumeration | DRL = Driver Reconciled Load |
| enumeration | INR = Irregularities Could Not be Resolved on Dock |

## 6.236 simpleType: valueAddedServiceType

| Tag | valueAddedServiceType |
|---|---|
| Base | xs:string |
| enumeration | D1 = Appointment Value Added Service Option 1 |
| enumeration | D2 = Appointment Value Added Service Option 2 |
| enumeration | D3 = Appointment Value Added Service Option 3 |
| enumeration | D4 = Appointment Value Added Service Option 4 |
| enumeration | D5 = Appointment Value Added Service Option 5 |

## 6.237 simpleType: IMcbInfoType

| Tag | IMcbInfoType |
|---|---|
| Base | xs:string |
| enumeration | Linked |
| enumeration | Scanned |


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# 7. Appendix C - WSDLs and XSDs

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

The above RIBBS® URL provides WSDLs for both TEM and production environments. Users should always use this link to access the correct and updated version of WSDLs.


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# 8. Change History Archive

**FAST-14.0A-R28 Edition 1 Change 0:**

| Date | Section | Title | Description |
|---|---|---|---|
| 1/13/2014 | 4.2.1 | New Business Rules | Added business rules for Parcel Select mail class combinations |
| 1/13/2014 | 4.2.1 | New Business Rules | Added description for Carrier Name, CRID, Address, and Contact |
| 1/13/2014 | 4.2.1 | New Business Rules | Added description for Parcel Return Service Appointments |
| 1/13/2014 | 4.2.2 | Existing Business Rules | Moved previous new business rules into existing business rules section |
| 1/13/2014 | 4.2.2 | Existing Business Rules | Added description for FSS Scheme Pallets |
| 1/13/2014 | 4.4 | Error Codes/Return Values | Added error code for FSS Scheme Pallets |
| 1/14/2014 | All | All | Updated Table of Contents, Index, and footers |

**FAST-14.0A-R28 Edition 1 Change 1:**

| Date | Section | Title | Description |
|---|---|---|---|
| 1/15/2014 | All | All | Corrected FAST release number throughout document |
| 1/15/2014 | 1.8 | Roadmap of XML | Updated Roadmap for July 2014; corrected supported versions. |
| 1/15/2014 | 2.3 | PostalOne! – FAST Mail.XML Web Services Supported Messages | Corrected supported versions. |
| 1/15/2014 | 4.2.1 | New Business Rules | Clarified that CarrierType element is an existing structure within the specification |

**FAST-14.0A-R28 Edition 2 Change 0:**

| Date | Section | Title | Description |
|---|---|---|---|
| 2/28/2014 | 2.4.12-13 | FAST Workflows for Mail.XML | Added flows for Parcel Return Service appointment creating/updating |
| 2/28/2014 | 3.1, 3.3 | FAST Message and Data Structures | Updated message description and Comment field for Delivery Appt Shell Create/Update for Parcel Return Service appointments |
| 2/28/2014 | 4.2.1 | New Business Rules | Updated message types supporting Carrier information; updated Parcel Return Service description |

**FAST-14.0A-R28 Edition 2 Change 1:**

| Date | Section | Title | Description |
|---|---|---|---|
| 2/21/2014 | N/A | Index | Corrected index page numbers |
| 2/21/2014 | N/A | Release Version Support | Removed unnecessary releases |
| 2/21/2014 | 1.8 | Roadmap of Mail.XML | Removed unnecessary releases |
| 2/21/2014 | 1.14 | Environments Supported by USPS | Removed unnecessary date |


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| Date | Section | Title | Description |
|---|---|---|---|
| 2/21/2014 | 5.82 | USPSDeliveryContentUpdatedNotificationMsgHeaderInfo | Corrected type name |
| 2/21/2014 | 3.7, 3.9, 3.21, 3.24 | DeliveryContentCreateRequest, DeliveryContentUpdateRequest, DeliveryApptCreateRequest, DeliveryApptUpdateRequest | Corrected verbiage |
| 2/21/2014 | 4.2.2 | Existing Business Rules | Corrected font format |

**FAST-14.0A-R28 Edition 3 Change 0:**

| Date | Section | Title | Description |
|---|---|---|---|
| 3/28/2014 | 4.2.1 | New Business Rules | Added message types that will support the Parcel Select mail class |
| 3/28/2014 | 4.2.1 | New Business Rules | Removed mention of enhancement for error/warning codes (scope moved to October 2014) |

**FAST-14.0A-R16 Edition 3 Change 0:**

| Date | Section | Title | Description |
|---|---|---|---|
| 10/31/2013 | 6.236 | ValueAddedServiceType | Removed values D6 - D20. |
| 10/31/2013 | 4.1.x | Additional Rules/Constraints | Replaced comment: 'return code/description combinations is populated' with 'ErrorWarning blocks with code/ error description combinations is populated' to show utilization of the new ErrorWarning type. |
| 10/31/2013 | 4.2.1 | New Business Rules | Removed comment: The FAST system shall utilize the Five Day Delivery (FDD) calendar API to retrieve whether or not Saturday is a delivery or non-delivery day from the Service Delivery Calculator (SDC) system. |
| 10/31/2013 | 4.2.1 | New Business Rules | Removed comment: FAST error/warning codes will be updated to include Error Code, Severity or Error Type, Error Description, Submission Date and Action. |
| 10/31/2013 | 4.2.1 | New Business Rules | Removed comment: The FAST system utilizes nationalized delivery days to determine In-Home / Service Standard validations. |
| 10/31/2013 | 4.2.1 | New Business Rules | Removed comment: The FAST system shall determine In-Home / Service Standard validations for standard mail class only. |
| 10/31/2013 | 4.2.1 | New Business Rules | Removed comment: All In-Home Date / Service Standard validations will always begin on the In-Home start date. |
| 10/31/2013 | 4.2.1 | New Business Rules | Removed comment: The FAST system shall not consider PO Boxes and other destination type values in the request to SDC. |
| 10/31/2013 | 4.2.1 | New Business Rules | Removed comment: The FAST system shall consider |


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| Date | Section | Title | Description |
|---|---|---|---|
| | | | "Saturday" as non-deliverable for standard mail prior to the initial request for Saturday non-delivery days from the SDC system. |
| 10/31/2013 | 4.2.1 | New Business Rules | Removed comment: The Critical Entry Times (CET) are maintained separately from SDC. |
| 10/31/2013 | 4.2.1 | New Business Rules | Removed comment: The Start-The-Clock (STC) indicator is maintained separately from SDC. |
| 10/31/2013 | 4.2.1 | New Business Rules | Removed comment: The STC indicator will always reflect a value of "N" for Saturday. |
| 10/31/2013 | 4.2.1 | New Business Rules | Removed comment: The language of the current error messages and validations shall be modified to accurately reflect the information derived from SDC. |
| 10/31/2013 | 4.2.1 | New Business Rules | Replaced comment: The FAST system shall only request the delivery status for "Saturdays." |
| 10/31/2013 | 4.2.1 | New Business Rules | Removed comment: The FAST system shall utilize the existing NDC and SCF service standard values (Currently NDC = 5 days and SCF = 3 days for standard mail.) |
| 10/31/2013 | 4.4 | Error Codes/Return Values | Added Error: Code: 3533 Message: The mail preparer does not have a valid Negotiated Service Agreement for the selected service type. |
| 10/31/2013 | 4.4 | Error Codes/Return Values | Added Error: Code: 3534 Message: This Mail.XML spec version is not supported for Value Added Service appointments. |
| 10/31/2013 | 4.4 | Error Codes/Return Values | Added Error: Code: 3535 Message: Origin Entry content is not valid for Value Added Service appointments. |
| 10/31/2013 | 4.4 | Error Codes/Return Values | Added Error: Code: 3536 Message: Actual piece count cannot be greater than <maxPieceCount>. |
| 10/31/2013 | 4.4 | Error Codes/Return Values | Added Error: Code: 3537 Message: Bedload Counts are not allowed for Service Hubs. |
| 10/31/2013 | 4.4 | Error Codes/Return Values | Added Error: Code: 3538 Message: ShipperMultiStopID <ShipperMultiStopID> is already in use by another Scheduler. Please use a different ShipperMultiStopID. |
| 10/31/2013 | 4.4 | Error Codes/Return Values | Added Error: Code: 3539 Message: Only Pallet Appointments are allowed for Service Hubs. |
| 10/31/2013 | 4.4 | Error Codes/Return Values | Added Error: Code: 3540 Message: Mail Shape must be Flats. |
| 10/31/2013 | 4.4 | Error Codes/Return Values | Added Error: Code: 3542 Message: Rate Type must be BPM/Library/Media. |
| 10/31/2013 | 4.4 | Error Codes/Return Values | Added Error: Code: 3546 Message: The service requested is not valid for Origin Entry. |
| 10/31/2013 | 4.4 | Error Codes/Return Values | Added Error: Code: 3547 Message: The Facility must be a SCF and it must accept the requested service type. |
| 10/31/2013 | 4.4 | Error Codes/Return Values | Added Error: Code: 3548 Message: Mail Class must be First-Class only. |
| 10/31/2013 | 4.4 | Error Codes/Return Values | Added Error: Code: 3549 Message: Web Services appointments/contents cannot be cancelled when within 1 hour of scheduled appointment time. |
| 11/10/2013 | 4.2.1 | New Business Rules | Added business rule "The FAST system shall support pallet type appointments for Service HUBs through Mail.XML 14.0A." |


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| Date | Section | Title | Description |
|---|---|---|---|
| 11/10/2013 | 1.8 | Roadmap of Mail.XML | Made update to Roadmap to correctly display Mail.XML version changes. |
| 11/10/2013 | Entire Document | Grammar Correction | Updated all occurrences of “refer” to “refer to” |
| 11/10/2013 | 5.15 | CancelCreateMsgHeaderInfo | Changed comment to “This flag indicates whether the content of the previous message should be transferred for use in the new create message.” |

FAST-14.0A-R16 Edition 2 Change 1:

| Date | Section | Title | Description |
|---|---|---|---|
| 8/22/13 | 5.12 | basicReturnInfoType | Added ReturnCode and ReturnDescription |
| 8/22/13 | 6.236 | ValueAddedServiceType | Added values D3 - D20 |
| 8/22/13 | Header, Footer | Entire Document | Updated to Edition 2 Change 1 |

FAST-14.0A-R15 Edition 1 Change 1:

| Date | Section | Title | Description |
|---|---|---|---|
| 7/17/13 | 4.2.1 | New Business Rules | Added the comment: FAST will support AirBox as a container type. |
| 7/15/13 | 4.2.1 | New Business Rules | Added new section: New Business Rules |
| 7/8/13 | 5.70 | ReturnInfoType | Added ErrorWarning Type; Removed ReturnCode and ReturnDescription |
| 7/8/13 | 5.84 | USPSContainerInfoType | Added PostInductionStatus |
| 7/5/13 | 5.16 | CarrierType | Added CarrierCRID |
| 7/3/13 | 5.75 | StatusRequestByTimeMsgHeaderInfo | SchedulerID and CreatorSchedulerCRID changed to Optional. CR022 |
| 6/13/13 | All | All | Created January 2014 document from Oct. 2013 document |

FAST-14.0A-R15 Edition 2 Change 1: for review 06/10/2013

| Date | Section | Title | Description |
|---|---|---|---|
| 6/10/13 | Footer | Entire Document | Updated to Change 1 |
| 6/10/13 | 4, 6 | Additional Information, Appendix B | Updated format and punctuation (IT Feedback) |
| 6/10/13 | Header | Entire Document | Updated Header to proper version (IT Feedback) |

FAST-14.0A-R15 Edition 2 Change 0: for review 06/10/2013

| Date | Section | Title | Description |
|---|---|---|---|
| 06/07/13 | All | Entire Document | Removed Index Markers referring to Mail.xml versions 4.0, 6.0 and 8.0 |
| 05/24/13 | All | Entire Document | Formatted to narrower margins and document renamed for improved version control |

Mail.XML 14.0A FAST Version 1 R15 (October 2013)

| Date | Section # | Title | Description |
|---|---|---|---|
| 5/21/13 | 5.12 | Complex Type: basicReturnInfoType | basicReturnInfoType has been updated |


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| Date | Section # | Title | Description |
|---|---|---|---|
| 5/17/13 | 1.15 | *PostalOne!* WSDL Information | Change message to FAST message |
| 5/17/13 | All | All | Updated per IT review |
| 5/10/13 | All | All | Created October document |
| 5/10/13 | All | All | Versions updated |

These are the changes from Mail.XML 12.0B FAST Version 1.0 to Mail.XML 14.0A FAST Version 2.0

| Date | Section # | Title | Description |
|---|---|---|---|
| 3/20/13 | Appendix C | WSDL | Updated WSDL information with RIBBS WSDL link |
| 3/20/13 | All | **8.1** | Updated grammatical and format errors. |
| 3/7/13 | 9.197 | **8.2 serviceCodeType** | Added<br>CODE = Electronic Collect on Delivery,<br>DCE = Delivery Confirmation Electronic,<br>SCE = Signature Confirmation Electronic,<br>DCD = Day Certain Delivery,<br>CBM = Certificate of Bulk Mailing |
| 3/7/13 | 9.131 | **8.3 palletType** | Updated palletType to include Airbox |
| 3/7/13 | 9.130 | **8.4 palletHandlingUnitType** | Updated palletHandlingUnitType to include Airbox |
| 3/7/13 | 8.83 | **8.5 USPSContainerInfoType** | Updated IMcbInfoType to optional in the complex type USPSContainerInfoType |
| 3/1/13 | All | Header and Footer | Updated footer with correct version number and publication date |

These are the changes from Mail.XML 12.0B FAST Version 7.0 to Mail.XML 14.0A FAST Version 1.0

| Date | Section # | Title | Description |
|---|---|---|---|
| 2/14/13 | 10 | Remove | Removed WSDL Links for Mailing, Data Distribution and Identification |
| 2/14/13 | 9.230 | Remove | Removed original 9.230 (simpleType: USPSPriceIncentiveIDType) |
| 2/14/13 | 9.12, 9.24, 9.25, 9.34, 9.65, 9.46, 9.45, 9.140, 9.227, 9.234 | Edits | Added enumeration descriptions to sections |
| 2/14/13 | 4.1 | Remove | Removed text referring to String Type |
| 2/13/13 | 7.1.15 | Remove | Removed text referring to older versions not supported (6.0/8.0) |
| 2/13/13 | 5 | Edits | Adjusted formatting, all should be Arial 10 pt font |
| 2/13/13 | 3.1 | Edits | Changed second line to “Support for Mail.XML 14.0A with two asterisks (**) will begin in the July 2013 Release.” |
| 2/5/13 | Throughout | | Changed section headers from “12.0B” to “14.0A” |
| 2/5/13 | All | | Updated cover and footer |


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| Date | Section # | Title | Description |
|---|---|---|---|
| 2/5/13 | 6.21 | DeliveryApptCreateRequest | Added ValueAddedService |
| 2/5/13 | 6.24 | DeliveryApptUpdateRequest | Added ValueAddedService |
| 2/5/13 | 6.30 | DeliveryReApptRequest | Added ValueAddedService |
| 2/5/13 | 6.1 | DeliveryApptShellCreateRequest | Added ValueAddedService |
| 2/5/13 | 6.3 | DeliveryApptShellUpdateRequest | Added ValueAddedService |
| 2/5/13 | 8.5 | Complex Type: apptBlockGoodsType | Added ValueAddedService |
| 2/5/13 | 8.6 | Complex Type: apptBlockUnscheduledGoodsType | Added ValueAddedService |
| 2/5/13 | 9.237 | simpleType: valueAddedServiceType | Added valueAddedServiceType |
| 2/5/13 | 9.238 | simpleType: IMcbInfoType | Added IMcbInfoType |
| 2/5/13 | 8.88 | Complex Type: USPSContainerInfoType | Added IMcbInfo and PostInductionStatus |

These are the changes from Mail.XML 12.0B FAST Version 5.0 to Mail.XML 12.0B FAST Version 7.0

| Date | Section # | Title | Description |
|---|---|---|---|
| 1/31/13 | Throughout | | Edits based on feedback |
| 1/18/13 | All | | Updated cover and footer |
| 1/18/13 | All | | Applied new formatting styles to document |

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

| Date | Section # | Title | Description |
|---|---|---|---|
| 11/27/12 | All | | Updated cover and footer |
| 11/27/12 | 4.1/7.10 | *PostalOne!* WSDL Information | Clarified that string-type no longer supported |
| 11/27/12 | 6.31 | PartnerApptQueryRequest | Updated formatting |
| 11/27/12 | 7.6 | Support Mailer SubmitterTrackingID | Clarified that SubmitterTrackingID is required |

These are the changes from Mail.XML 12.0B FAST Version 4.1 to Mail.XML 12.0B 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 12.0B FAST Version 4.0 to Mail.XML 12.0B 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 |
| 10/30/12 | 3.4 | About this document | Removed references to other versions of Mail.XML that are not 12.0B |
| 10/30/12 | 4.1.1 | Consuming String-Type WSDLs | Added: NOTE: Mail.XML no longer supports String-Type WSDLs |
| 10/30/12 | 6 | Mail.XML 12.0B | Removed note at beginning of section |


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| Date | Section # | Title | Description |
|---|---|---|---|
| 10/30/12 | 9 | Appendix B - Mail.XML 12.0B | Removed note at beginning of section.<br>Removed references to old versions of Mail.XML |
| 10/30/12 | 10 | Appendix C - WSDLs and XSDs | Removed refines to String-type WSDLs<br>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 9.0X |
| 10/30/12 | 7.10 | Types of WSDLs | Added: NOTE: Mail.XML no longer supports String-Type WSDLs |
| 10/30/12 | 5.2 | Access to *PostalOne!* - FAST Web Services | Removed reference to previous Release |
| 10/30/12 | 7.6 | Support Mailer SubmitterTrackingID on MailXML 12.0B Messages | Updated references of 12.0A to 12.0B |

These are the changes from Mail.XML 12.0B FAST Version 3.0 to Mail.XML 12.0B 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 description |
| 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 Values | Updated IDEAlliance description |
| 9/26/12 | 7 | Additional Information | Formatting updates |
| 9/26/12 | 9 | Appendix B | Updated from ‘Appendix A’ to ‘Appendix B’<br>Formatting updates |
| 9/26/12 | 10 | Appendix C - WSDLs and XSDs | Formatting updates |
| 9/26/12 | 3.1 | Roadmap of Mail.XML | Updated Roadmap to reflect 8.0B decommission in April 2013<br>Added note for 6.0 decommission 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<br>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<br>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 |
| 9/26/12 | 6.19 | DeliveryApptCancelCreateRequest | Updated description |

These are the changes from Mail.XML 12.0B FAST Version 2.1 to Mail.XML 12.0B FAST Version 2.2

| Date | Section # | Title | Description |
|---|---|---|---|
| 8/15/12 | All | | Updated title page and footer |
| 8/15/12 | All | | Updated SubmitterTrackingID to be required in all |


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| Date | Section # | Title | Description |
|---|---|---|---|
| | | | 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 |
| | All | | Updated references of 12.X to 12.0A |

These are the changes from Mail.XML 12.0B FAST Version 2.0 to Mail.XML 12.0B 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 12.0B FAST Version 1.11 to Mail.XML 12.0B 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. |
| 7/5/12 | 4.1.1<br>4.1.2 | Consuming String-Type WSDLS<br>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 12.0B FAST Version 1.10 to Mail.XML 12.0B FAST Version 1.11

| Date | Section # | Title | Description |
|---|---|---|---|
| 6/12/12 | All | | Updated formatting and grammar throughout document |
| 6/12/12 | All | | Added DRAFT watermark, update title page, updated footers, updated version number, updated date changed. |
| 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 spelling error of eIndcution to eInduction |


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These are the changes from Mail.XML 12.0B FAST Version 1.9 to Mail.XML 12.0B FAST Version 1.10

| 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. |

These are the changes from Mail.XML 12.0B FAST Version 1.8 to Mail.XML 12.0B FAST Version 1.9

| 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 12.0B FAST Version 1.7 to Mail.XML 12.0B FAST Version 1.8

| Date | Section # | Title | Description |
|---|---|---|---|
| 5/4/12 | All | | Updated title page, footer, and version number for October 2012 release |

These are the changes from Mail.XML 12.0A FAST Version 1.6 to Mail.XML 12.0B FAST Version 1.7

| Date | Section # | Title | Description |
|---|---|---|---|
| 04/25/12 | All | | Updated title page, footer, and version number for October 2012 release |
| 04/25/12 | 8.22 | consigneeFacilityType | Added additional required FacilityAddress element |
| 04/25/12 | 9.122 | mailXMLPresentationCategoryType | Added enumeration value “C = Consolidated Internal Copal job with linked logical and presort mailings” |
| 04/25/12 | 9.185 | rateType | Specified enumeration M = Regional Ground |


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| Date | Section # | Title | Description |
|---|---|---|---|
| 04/25/12 | 3.1 | Roadmap of Mail.XML | Added column to table 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. |

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 1.3 to Mail.XML 12.0A FAST Version 1.4

| Dates | Section # | Title | Description |
|---|---|---|---|
| 3/13/12 | All | | Updated title page, header, and footer |
| 3/13/12 | 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 |
| 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 |
|---|---|---|---|
| 3/13/12 | 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 |
|---|---|---|---|
| 3/1/12 | 7.6 | Support Mailer SubmitterTrackingID on MailXML 12.0A Messages | Added entire section 7.6 Support Mailer SubmitterTrackingID on MailXML 12.0A Messages |


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| Dates | Section # | Title | Description |
|---|---|---|---|
| 3/1/12 | | | Added updated table after title page. Technical Support from the USPS Help Desk and Tier 2 Support: |
| 3/1/12 | 7.5 | Fault Codes | Added 501 |
| 3/1/12 | 7.3 | Error Codes/Return Values | Added 1510 |
| 3/1/12 | 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 |
|---|---|---|---|
| 12/22/11 | All | | Updated header/footer & title page |
| 2/20/12 | 8.9 | Complex Type: apptInfoType | Created Complex Type: apptInfoType |
| 2/20/12 | 9.46 | containerstatustype | Removed 9.46 containerstatustype |
| 2/20/12 | 9.260 | verificationReportType | Removed 9.260 verificationReportType |
| 2/20/12 | 8.74 | SubmittingParty/ participantIDType | 8.74 updated from 'SubmittingParty/ participantIDType' to 'participantIDType' |
| 2/21/12 | 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 |
|---|---|---|---|
| 1/6/12 | 1.6 | USPS® Limitation Rule on Transaction Requests | Edited the text of this section for clarity |
| 1/6/12 | 1.7 | Roadmap of Mail.XML | Updated the Mail.XML Supported Versions in FAST from Release 18 to 21 |
| 1/6/12 | 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 |
| 1/6/12 | All | | Changed text<br>From<br>"Refer to this simple type in Appendix E" to<br>"Refer to this simple type in Appendix B" throughout the document to correct references to Simple Types |
| 1/6/12 | All | | Changed text<br>from<br>"Refer to this complex type in Appendix B"<br>to "Refer to this simple type in Appendix A" throughout the document to correct references to Complex Types |
| 1/6/12 | All | | Changed text from<br>"Refer to this attribute in Appendix B" to<br>"Refer to this attribute in Appendix A" throughout the document to correct references to Attribute Groups |
| 1/6/12 | 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 confirmed by the USPS after design is completed).

| Dates | Section # | Title | Description |
|---|---|---|---|
| 01/3/12 | All | | Update Footer and Cover page with correct version number and revision date<br>Added USPS Foreword on 2nd page to describe |


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| Dates | Section # | Title | Description |
|---|---|---|---|
| | | | scope of Change request (CRs) included for Jan 9, 2012 publication |
| 12/28/11 | 5.60 | Attribute Type: ResponseApptUpdateMsgHeaderInfo | Added new optional yesNo attribute IncludesElectronicLoad to ResponseApptUpdateMsgHeaderInfo |
| 12/28/11 | 5.58 | Attribute Type: RequestMsgHeaderInfo | Added new optional yesNo attribute IncludesElectronicLoad to RequestMsgHeaderInfo |
| 12/28/11 | 5.48 | Attribute Type: PickupRequestHeaderInfo | Added new optional yesNo attribute IncludesElectronicLoad to PickupRequestHeaderInfo |
| 12/26/11 | 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 confirmed by the USPS after design is completed).

| Dates | Section # | Title | Description |
|---|---|---|---|
| 12/22/11 | 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. |
| 12/22/11 | All | | Changed 12.0 to 12.0A throughout document |
| 12/16/11 | 6 | Mail.XML 12.0B – Simple Type Data Structures | Replaced all simple type and headers from Mail.XML 10.0 to Mail.XML 12.0B |
| 12/16/11 | 5 | Appendix A – Mail.XML 12.0B FAST Complex Types | Replaced all complex type and headers from Mail.XML 10.0 to Mail.XML 12.0B |
| 12/16/11 | 3 | Mail.XML 12.0B – FAST Message and Data Structures | Replaced all message and headers from Mail.XML 10.0 to Mail.XML 12.0B |
| 12/16/11 | 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 12.0B |
| 12/13/11 | All | Footer and Header | Updated throughout document, including footer and header, to reflect Mail.XML 12.0B |

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 |
|---|---|---|---|
| 11/10/11 | 1.7 | Roadmap of Mail.XML | Updated the note<br>Changed the decommissioning date of Mail.XML 6.0D from December 30th, 2011 to January 8th, 2012.<br>Included Mail.XML Release 28 and 29 in the table. |
| 11/07/11 | 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,12.0B,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.


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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 12.0BC, as while the FAST technical specification containing Mail.XML 8.0B and 12.0B 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 12.0B 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 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, 12.0BA 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 |
|---|---|---|---|
| 09/29/11 | 4.3.1 | Updated Error and Warning messages | Inserted a new table for Updated Error and Warning messages |
| 09/29/11 | 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 |
| 09/29/11 | 1.7 | Roadmap of Mail.XML | Changed the decommissioning date of Mail.XML 6.0D from October 28, 2011 to December 30, 2011. |
| 09/26/11 | | Document Change History | Added the changes history from the previous versions to have a complete history log of the guide updates. |
| 09/26/11 | | Document Change History | Added<br><br>“NOTE: Below are the document updates before the split into one Mail.XML major version per technical specification.” to the history log |
| 09/01/11 | | Document Change History | Added a new column “Date” to the table of Change History to record the dates of implemented changes. |
| 08/31/11 | 3.0 | Mail.XML 12.0B - FAST Message and | Added new headers to the tables of Mail.XML |


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| Dates | Section # | Title | Description |
|---|---|---|---|
| | | Data Structures | 12.0B FAST message data structures |
| 08/31/11 | 5.0 | Appendix A | Added new headers to the tables of Complex and Attribute Data Types Data Structure for Mail.XML 12.0B |
| 08/25/11 | Title and Header | | Updated Title and Header to include Mail.XML 12.0B |
| 08/25/11 | 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 12.0B since FAST shall be supporting 12.0B 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 | 1. Updated the data structure of existing Mail.XML 10 version section to Mail.XML 10A version<br>2. Updated the complex type associated with the Mail.XML 10A messages<br>3. Updated the complete Simple Type table in Appendix B |
| All | All | 4. Updated rules, language and grammar |
| All | Heading formatting | Heading formatting throughout the document for better readability and clear organization |
| 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 9.1/12.0B and explained the new XSD hierarchy that is being introduced from Mail.XML 9.X version.<br>2. Re-arrange the section to clearly outline the change |


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| Section # | Title | Description |
|---|---|---|
| | | 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.<br>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.<br>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 9.1/12.0B 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 9.1/12.0B 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. |
| 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 9.1/12.0B – 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 9.1/12.0B – 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


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| 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.<br>Rephrased parts of the statement. Added the closeout blocks that contain closeout information. |

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.<br>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 |
| 6.3 | Error Codes/Return Values | Added messages 3081, 3100, 3135, and 3158 through 3161. |
| | | |

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- | Added new fields to message layouts and added a list of supported capabilities of FAST in Mail.XML 8.0 Version for |


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| Section # | Title | Description |
|---|---|---|
| | Service Release 3 FAST Messages) | 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. |

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:<br>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:<br>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<br>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<br>- 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. |
| 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” |


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| | | |
|---|---|---|
| | | 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.<br>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<br>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<br>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 |
| 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 8.5 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 |


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| Section # | Title | Description |
|---|---|---|
| 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.<br>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<br>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 |

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.<br>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.<br>• Joint Scheduling<br>• The ability to create and manage appointments at 10 minute intervals for one-time and recurring appointments<br>• The ability to provide the Intelligent Mail Container Barcode (IMCB) up to 5 days past the appointment date/time using |


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| Section # | Title | Description |
|---|---|---|
| | | the DeliveryContentUpdateRequest |
| 4.4<br>4.4.1<br>4.4.2<br>4.4.3<br>4.4.4<br>4.5<br>4.5.2<br>6.1 | Multiple | Added and clarified existing business rules.<br>• 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.<br>• 4.4.X: added 10 minute and 5 day rules, as well as class description.<br>• 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. |
| 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.<br>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. |


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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<br>Clarified that FAST messages in Mail.XML 7.0B will be supported in March 2010 release. |

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 'Comment' 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<br>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<br>3. Added table that lists the messages supported in Mail.XML 4.0 specification<br>4. Added table that lists the messages supported in Mail.XML 6.0D specification<br>5. Added table that lists the messages supported in Mail.XML 7.0A specification |
| 1.2 | Purpose | Added the following Introduction to the Purpose Section:<br>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.<br>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:<br>• Is the facility open and staffed to handle drop shipments?<br>• Does this facility accept/process the drop shipment discounted mail that is planned for induction?<br>• Does the volume of mail planned for induction exceed the facility's capacity?<br>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.<br>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<br>2. This section lists and describes the environment that will be |


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| Section # | Title | Description |
|---|---|---|
| | | supported by USPS in November 2009<br>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.<br>Added a new Section for Mail.XML and provided the updates. |
| 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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