

Mail.XML Version 25.1

System Messages Specification

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Working Group Chair

Shawn Baldwin, WindowBook

Technical Director

Shariq Mirza, DTAC Associate, Assurety Consulting & Solutions

Editor

Shariq Mirza, DTAC Associate, Assurety Consulting & Solutions

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Abstract

This document describes the messaging protocol for use by mailers and their consignees. The Mail.XML™ Transaction Protocol defines the roles and responsibilities of Shippers and Consignees and defines the format and method for message exchange. This messaging protocol is designed to be XML and Web-Services compliant.

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About Mail.XML™

Mail.XML™ is bringing a paradigm change to the industry by increasing business function specific B2B (Business to Business) communication within the industry that supports automation and in the end enables cost avoidance and higher profits through improved competence and effectiveness of communication. Mail.XML is designed to increase efficiency and lower costs by removing many manual data entry processes and enabling quick near real time communication between business partners. Mail.XML currently supports container based scheduling, pick up and drop off business processes, as well as identifying different business entities responsible for performing different services such as quality of mailing, address correction, and delivery confirmation on a mailing. The core focus of Mail.XML is communication between industry members and from industry to the final mail processing and delivery organization that delivers the mail to the end consumer, e.g., USPS. In the next few versions of Mail.XML the focus moves across mailing supply chain channels, and includes advanced functions such as payment; automated verification; enabling first, second, and third-party communication and incorporating presort planning, printing, and distribution processes.

About Mail.XML Schema Modularization

Today Mail.XML messages are grouped into 8 message types.

- Transportation Messages (TM)
- Mailing Messages (MM)
- Data Distribution Messages (DD)
- Dynamic Payment Template Messages
- Identification Messages (ID)
- Supply Chain Messages (SC)
- Informed Visibility (IV)
- System Messages
- Base: Shared simple types
- Definitions: Shared complex types and elements

The simple types shared across 2 or more modules are found in the Base schema. Likewise, the shared definitions module contains complex type definitions and elements that are shared across 2 or more modules.

Mail.XML Module Versioning Rules

The following versioning rules will be followed:

The Mail.XML wrapper schema**(.xsd) will always be given the next higher version number (or Errata designation) when any update is made to base, defs or any module. The name of the .xsd file will indicate the new version and the new version number will be used in the namespace and target declarations:

xmlns:mailxml=http://delivery-tech.org/Specs/mailxml25.1/mailxml targetNamespace=http://delivery-tech.org/Specs/mailxml25.1/mailxml

- When updates are made, only those modules that are updated will be given the next higher version number (or Errata letter designation).
- If updates are made to the base or defs, then the base and defs xsds will be given the next higher version number (or Errata designation) and all modules that call to them will also be given the next higher version number (or Errata designation).

For example:

- If the wrapper version is labeled as xmlns:mailxml="http://deliverytech.org/Specs/mailxml25.1A/mailxml" then at least one of the XSDs is at same version such as filename ='Mail.XML_25.1A.xsd' <- Errata A
- If the wrapper version is labeled as xmlns:mailxml="http://deliverytech.org/Specs/mailxml25.1B/mailxml" then at least one of the XSDs is at same version such as filename ='Mail.XML_25.1B.xsd' <- Errata B
- If the wrapper version is labeled as xmlns:mailxml="http://deliverytech.org/Specs/mailxml25.1/mailxml" then at least one of the XSDs is at same version such as filename ='Mail.XML_25.1.xsd' <- Major Version

What's New in Mail.XML Version 25.1?

With this release, the Mail.XML Messaging Protocol moves to Version 25.1. This release supports structure changes required by mailing industry and Postal Service.

Changes supported by Mail.XML 25.1 include:

- CR 2510 - Proposal to update the campaignDataType complex type to be consistent with the USPS Informed Delivery product.
- CR 2508 / 2413 - Proposal to remove ServiceCodeType value of SA for Fragile and update the value description list. The service will not be supported by USPS
- CR 2509 / 2414 - Proposal to update and Add Rate Category values to support Containerizations Discount for USPS Marketing Mail Flats
- CR 2511 / 2415 - Proposal to update and Add Rate Category values to support Package Service Parcel Select Ground Cubic pricing

Mail.XML 25.1 XSD Modules:

The following Mail.XML XSD modules/namespaces are used:

Note: Actual xsd filenames include the version number (e.g. *mailxml_base_25.1.xsd*).

- mailxml_tm.xsd: This module contains all the transportation (or FAST) messages and the 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) and the attributes, elements and complex types that are unique to these messages. Namespace=mailxml_mm:
- mailxml_iv.xsd: This module contains informed visibility messages and the attributes, elements and complex types that are unique to these messages. Namespace=mailxml_iv:
- mailxml_dd.xsd: This module contains all the data distribution messages and the attributes, elements and complex types that are unique to these messages. Namespace=mailxml_dd:
- mailxml_id.xsd: This module contains all the identification messages and the 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 and the attributes, elements and complex types that are unique to these messages. Namespace=mailxml_sc:
- mailxml_defs.xsd: This module contains all the common definitions of attributes, elements and mailxml_base.xsd: This module contains simple types that are shared across two or more modules that make up Mail.XML. These can be considered a building block for any message group. Namespace=mailxml_base:
- mailxml.xsd: This module contains the system messages of Mail.XML and is used to build custom profiles for Mail.XML. Namespace=mailxml:

The Mail.XML™ 25.1 Messaging Documentation Set

The Mail.XML Messaging Specification has been organized into a set of documents. This *Schemas Specification* is one document in a set of documents that make up the Mail.XML Specification 25.1. Updates in this Specification are NOT backwardly compatible with previous versions. Other documents in the specification set include:

- Mail.XML™ 25.1: Transportation Messaging Specification documents all transportation messages
- Mail.XML™ 25.1: Mailing Messaging Specification documents all mailing messages
- Mail.XML™ 25.1: Informed Visibility Specification documents all informed visibility messages

- Mail.XML™ 25.1: Data Distribution Messaging Specification documents all data distribution messages
- Mail.XML™ 25.1: Identification Messaging Specification documents all identification messages
- Mail.XML™ 25.1: Supply Chain Messaging Specification documents all supply chain messages
- Mail.XML™ 25.1: System Messaging Specification documents all systems and fault messages
- Mail.XML™ 25.1: Simple Types Specification documents all simple types used across Mail.XML messages
- Mail.XML™ 25.1: Common Definitions Specification documents all shared elements and complex types.
- Mail.XML™ 25.1: Schemas contains the .XSDs that make up the Mail.XML Messaging Specification

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Schema mailxml_dd_25.1.xsd

schema location: [..\XSD\mailxml_dd_25.1.xsd](#)
attribute form default: **qualified**
element form default: **qualified**
targetNamespace: http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd

Elements

[AddressCorrection](#)

[AddressCorrectionDelivery](#)
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[AddressCorrectionQueryResponse](#)
[ByForConflictDelivery](#)

[ByForConflictNotification](#)
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[DeliveryPointValidation](#)
[DeliveryPointValidationDelivery](#)
[DeliveryPointValidationNotification](#)
[DeliveryPointValidationQueryRequest](#)
[DeliveryPointValidationQueryResponse](#)

[IMbMailpieceScanData](#)

[NixieDetail](#)
[NixieDetailDelivery](#)
[NixieDetailNotification](#)
[NixieDetailQueryRequest](#)
[NixieDetailQueryResponse](#)

[NonComplianceDataWithPostageOwedQueryRequest](#)
[NonComplianceDataWithPostageOwedReportDelivery](#)
[NonComplianceDataWithPostageOwedReportNotification](#)
[NonComplianceDataWithPostageOwedReportQueryResponse](#)

[ScanSTCCount](#)
[ScanSTCReconciliationDelivery](#)
[ScanSTCReconciliationNotification](#)
[ScanSTCReconciliationQueryRequest](#)
[ScanSTCReconciliationQueryResponse](#)

[StartTheClockBEMUBlock](#)
[StartTheClockDropShipOrOrigin](#)
[StartTheClockPlantLoadBlock](#)

Complex types

[addressCorrectionAddressType](#)

[byForConflictType](#)
[clockStartedType](#)
[dqrContainerInfoType](#)
[foreignAddressType](#)
[manifestScanEventDetailType](#)

[manifestScanNotificationDataType](#)
[manifestScanQueryType](#)

[MPSNotificationDataType](#)
[MPSRResponseBlockType](#)
[MPSVisScanQueryType](#)
[newAddressCorrectionAddressType](#)
[nonComplianceDataWithPostageOwedReportType](#)
[PSRResponseBlockType](#)
[unManifestedScanEventDetailType](#)
[verificationErrorType](#)

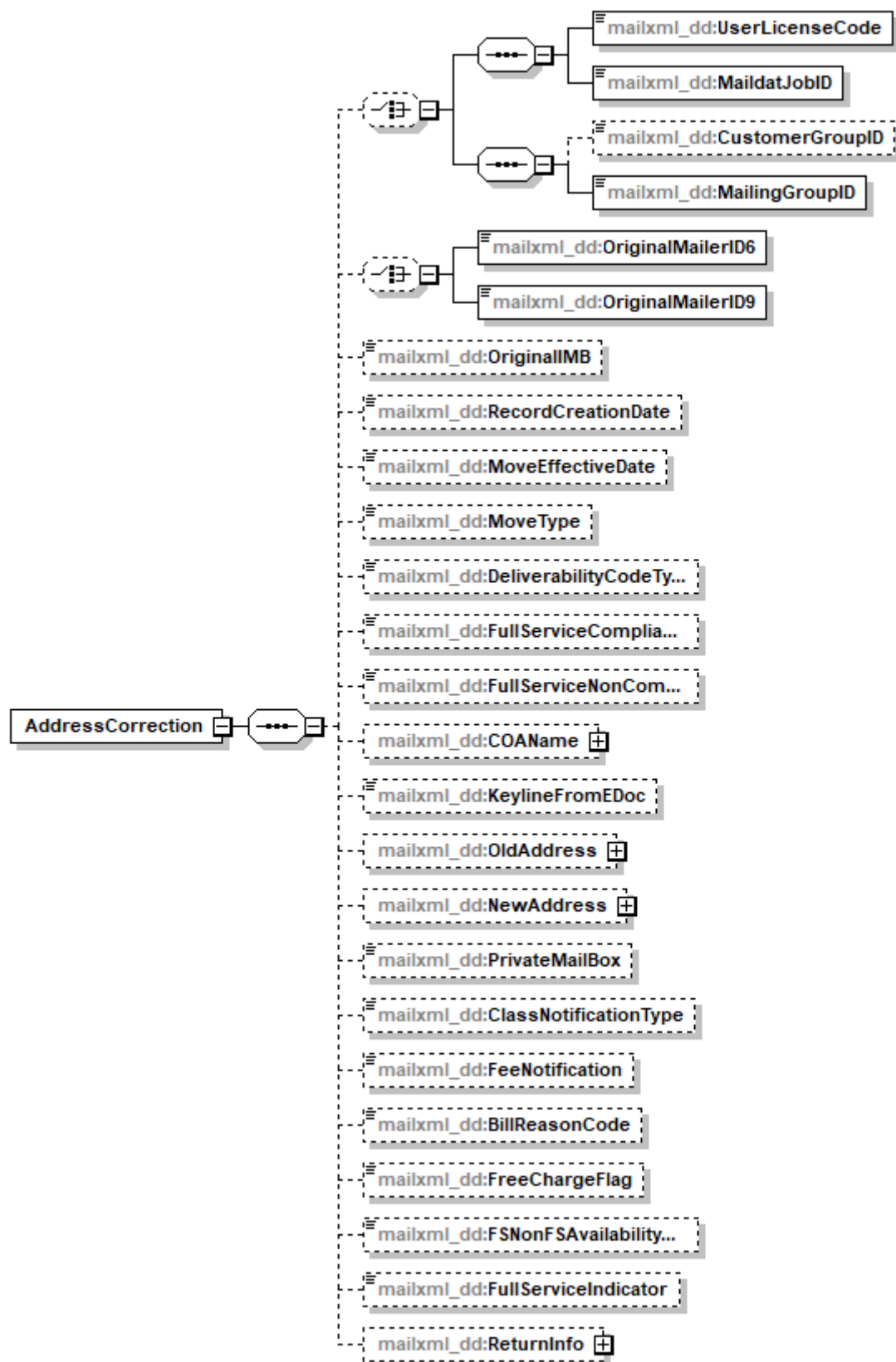
Simple types

[addressCorrectionMoveType](#)
[addressType](#)
[containerScanStateType](#)
[deliverabilityCodeType](#)
[eDocType](#)
[primarySecondaryIndicatorType](#)
[verificationErrorType](#)
[verificationWarningType](#)

Elements – Complex Types – Simple Types

Element **AddressCorrection**

diagram



namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:OriginalMailerID6 mailxml_dd:OriginalMailerID9 mailxml_dd:OriginalIMB mailxml_dd:RecordCreationDate mailxml_dd:MoveEffectiveDate mailxml_dd:MoveType mailxml_dd:DeliverabilityCodeType mailxml_dd:FullServiceComplianceIndicator mailxml_dd:FullServiceNonComplianceReasonCode mailxml_dd:COAName mailxml_dd:KeylineFromEDoc mailxml_dd:OldAddress mailxml_dd:NewAddress mailxml_dd:PrivateMailBox mailxml_dd:ClassNotificationType mailxml_dd:FeeNotification mailxml_dd:BillReasonCode mailxml_dd:FreeChargeFlag mailxml_dd:FSNonFSAvailabilityDate mailxml_dd:FullServiceIndicator mailxml_dd:ReturnInfo
used by	elements AddressCorrectionDelivery AddressCorrectionQueryResponse/QueryResults

element AddressCorrectionDelivery

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_defs:DataRecipient mailxml_dd:PushMessageID mailxml_dd:AddressCorrection
annotation	documentation Delivery of address correction delivery data from USPS.

element AddressCorrectionNotification

diagram	<p>AddressCorrectionNotification</p> <p>Notification from UPSP that address correction data is ready to pick up.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_dd:CRID mailxml_dd:PushMessageID mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:FSNonFSAvailabilityDate mailxml_dd:NotificationDate mailxml_dd:AvailableRecordCount
annotation	documentation Notification from UPSP that address correction data is ready to pick up.

element AddressCorrectionQueryRequest

diagram	<p>AddressCorrectionQueryRequ...</p> <p>Query request for full service address correction data.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_dd:SubmitterTrackingID mailxml_dd:OwningParty mailxml_dd:PieceRequest mailxml_dd:retrieveDataBy
annotation	documentation Query request for full service address correction data.

element AddressCorrectionQueryResponse

diagram	<p>AddressCorrectionQueryResp... Response to the query request for full service address correction data.</p> <p>attributes</p> <ul style="list-style-type: none"> grp mailxml_defs:LargeTrans... <ul style="list-style-type: none"> mailxml_defs:MessageGroupID mailxml_defs:TotalMessageCou... mailxml_defs:Message SerialNu... mailxml_defs:TransmittedRecor... mailxml_defs:TotalRecordsAcro... mailxml_defs:LastMessage <p>mailxml_dd:TrackingID</p> <p>mailxml_dd:SubmitterTrackingID</p> <p>mailxml_dd:QueryResults</p> <p>mailxml_defs:QueryError</p> <p>Error issued when the query data cannot be provided.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:TrackingID mailxml_dd:SubmitterTrackingID mailxml_dd:QueryResults mailxml_defs:QueryError
annotation	<p>documentation</p> <p>Response to the query request for full service address correction data.</p>

element **ByForConflictDelivery**

diagram	<pre> graph LR ByForConflictDelivery[ByForConflictDelivery] --- Seq1[Sequence] Seq1 --- Attributes[grp mailxml_defs:LargeTrans...] Seq1 --- Seq2[Sequence] Seq2 --- SubmittingParty[mailxml_dd:SubmittingParty] Seq2 --- SubmittingSoftware[mailxml_dd:SubmittingSoftware] Seq2 --- DataRecipient[mailxml_defs:DataRecipient] Seq2 --- PushMessageID[mailxml_dd:PushMessageID] Seq2 --- ByForConflict[mailxml_dd:ByForConflict] ByForConflict --- C1[1..∞] </pre> <p>ByForConflictDelivery Delivery of by / for conflict information from USPS.</p> <p>attributes</p> <ul style="list-style-type: none"> grp mailxml_defs:LargeTrans... <ul style="list-style-type: none"> mailxml_defs:MessageGroupID mailxml_defs:TotalMessageCou... mailxml_defs:Message SerialNu... mailxml_defs:TransmittedRecor... mailxml_defs:TotalRecordsAcro... mailxml_defs:LastMessage <p>Children:</p> <ul style="list-style-type: none"> mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_defs:DataRecipient mailxml_dd:PushMessageID mailxml_dd:ByForConflict (1..∞)
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_defs:DataRecipient mailxml_dd:PushMessageID mailxml_dd:ByForConflict
annotation	documentation Delivery of by / for conflict information from USPS.

element **ByForConflictNotification**

diagram	<pre> graph LR ByForConflictNotification[ByForConflictNotification] --- Seq1[Sequence] Seq1 --- Attributes[grp mailxml_defs:LargeTrans...] Seq1 --- Seq2[Sequence] Seq2 --- SubmittingParty[mailxml_dd:SubmittingParty] Seq2 --- SubmittingSoftware[mailxml_dd:SubmittingSoftware] Seq2 --- PushMessageID[mailxml_dd:PushMessageID] Seq2 --- Seq3[Sequence] Seq3 --- UserLicenseCode[mailxml_dd:UserLicenseCode] Seq3 --- MaildatJobID[mailxml_dd:MaildatJobID] Seq3 --- Seq4[Sequence] Seq4 --- CustomerGroupID[mailxml_dd:CustomerGroupID] Seq4 --- MailingGroupID[mailxml_dd:MailingGroupID] Seq2 --- FNonFSAAvailability[mailxml_dd:FNonFSAAvailability...] Seq2 --- NotificationDate[mailxml_dd:NotificationDate] Seq2 --- AvailableRecordCou[mailxml_dd:AvailableRecordCou...] </pre> <p>ByForConflictNotification Notification from USPS that a by / for conflict resolution is ready for pickup.</p> <p>attributes</p> <ul style="list-style-type: none"> grp mailxml_defs:LargeTrans... <ul style="list-style-type: none"> mailxml_defs:MessageGroupID mailxml_defs:TotalMessageCou... mailxml_defs:Message SerialNu... mailxml_defs:TransmittedRecor... mailxml_defs:TotalRecordsAcro... mailxml_defs:LastMessage <p>Children:</p> <ul style="list-style-type: none"> mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_dd:PushMessageID mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:FNonFSAAvailability... mailxml_dd:NotificationDate mailxml_dd:AvailableRecordCou...
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namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_dd:PushMessageID mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:FSNonFSAavailabilityDate mailxml_dd:NotificationDate mailxml_dd:AvailableRecordCount
annotation	documentation Notification from USPS that a by / for conflict resolution is ready for pickup.

element **ByForConflictQueryRequest**

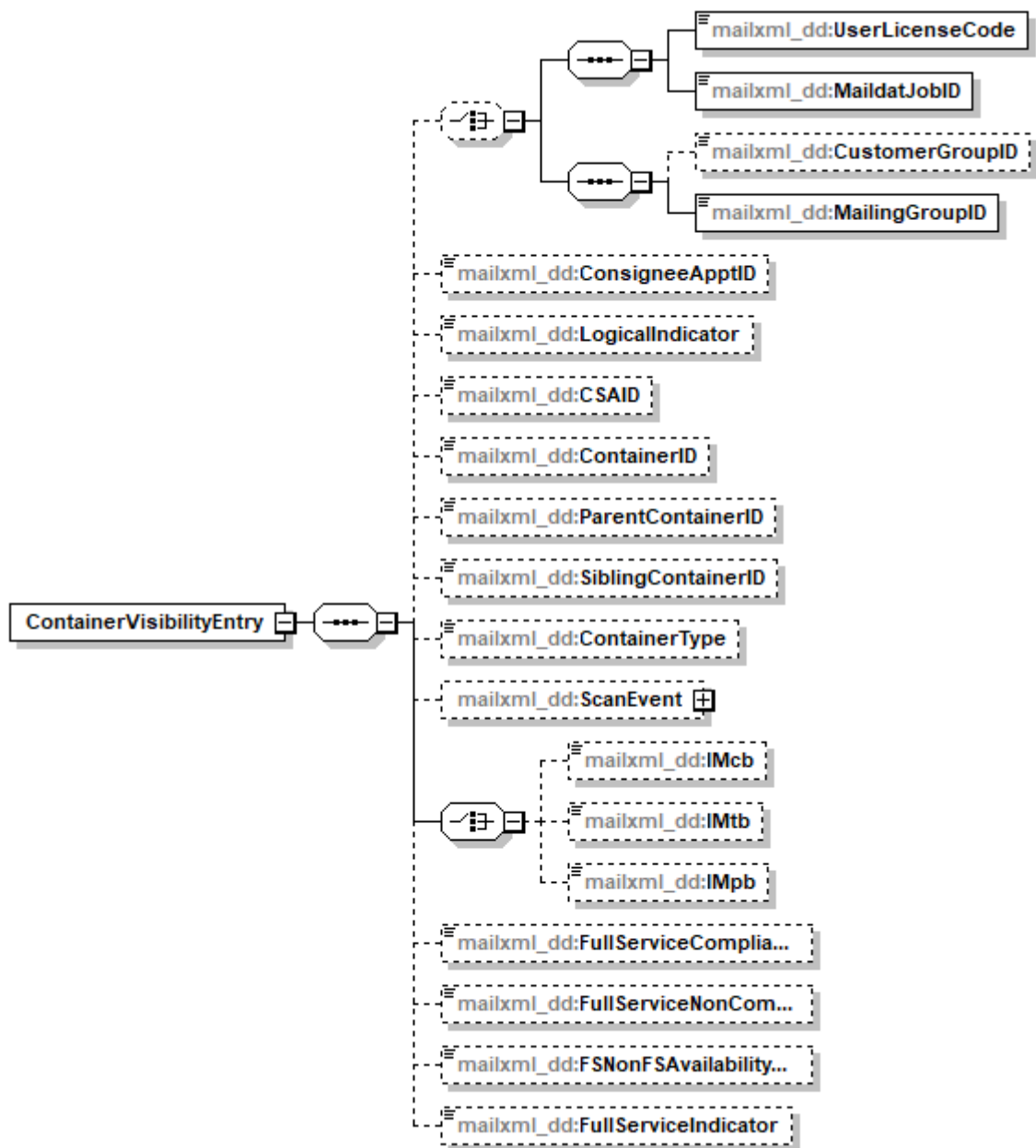
diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_dd:SubmitterTrackingID mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:retrieveDataBy
annotation	documentation Query request for by(preparer) / for(owner) conflicts information in edocs.

element **ByForConflictQueryResponse**

diagram	<p>ByForConflictQueryResponse Response to the query by(preparer) / for(owner) conflicts information in edocs.</p> <p>attributes</p> <p>grp mailxml_defs:LargeTrans...</p> <p>mailxml_defs:MessageGroupID</p> <p>mailxml_defs:TotalMessageCou...</p> <p>mailxml_defs:Message SerialNu...</p> <p>mailxml_defs:TransmittedRecor...</p> <p>mailxml_defs:TotalRecordsAcro...</p> <p>mailxml_defs:LastMessage</p> <p>mailxml_dd:TrackingID</p> <p>mailxml_dd:SubmitterTrackingID</p> <p>mailxml_dd:QueryResults</p> <p>mailxml_defs:QueryError Error issued when the query data cannot be provided.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:TrackingID mailxml_dd:SubmitterTrackingID mailxml_dd:QueryResults mailxml_defs:QueryError
annotation	documentation Response to the query by(preparer) / for(owner) conflicts information in edocs.

element ContainerVisibilityEntry

diagram



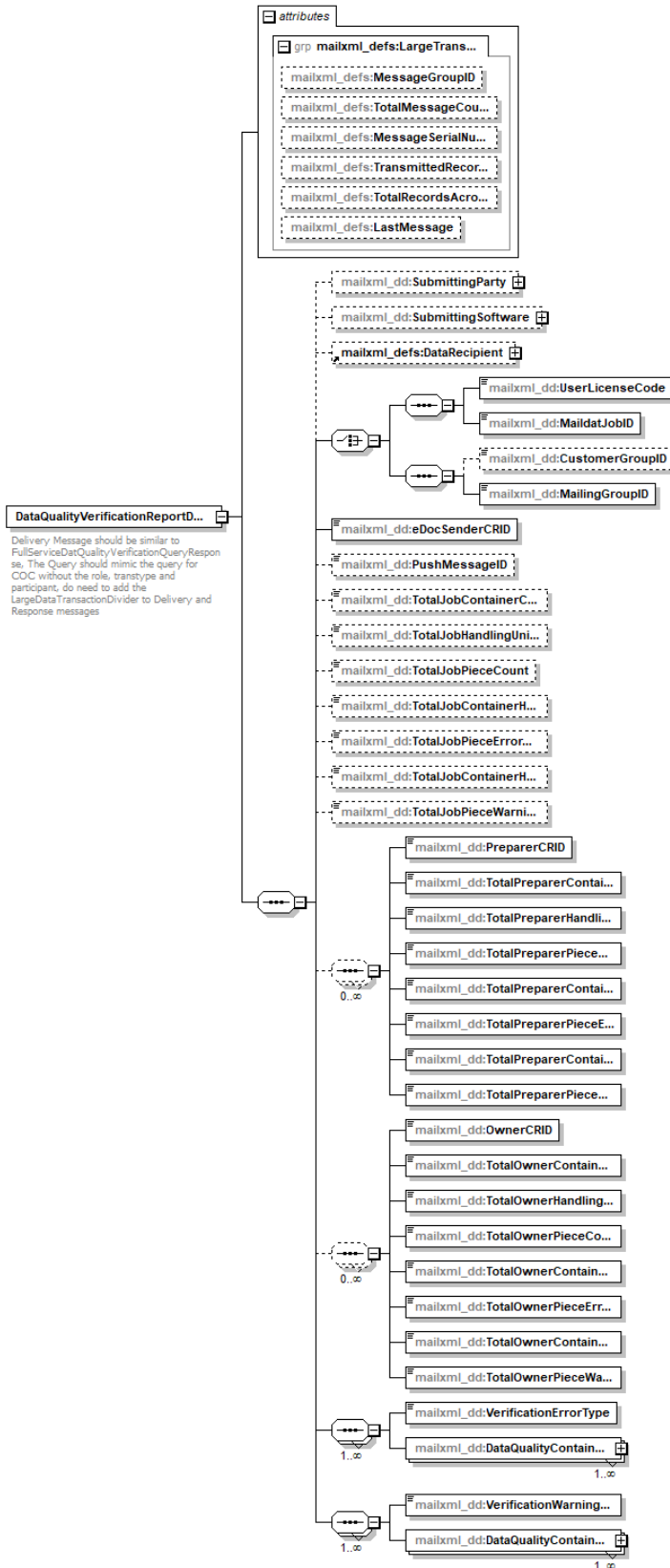
namespace http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd

children

mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID
mailxml_dd:ConsigneeApptID mailxml_dd:LogicalIndicator mailxml_dd:CSAID mailxml_dd:ContainerID
mailxml_dd:ParentContainerID mailxml_dd:SiblingContainerID mailxml_dd:ContainerType mailxml_dd:ScanEvent
mailxml_dd:IMcb mailxml_dd:IMtb mailxml_dd:IMpb mailxml_dd:FullServiceComplianceIndicator
mailxml_dd:FullServiceNonComplianceReasonCode mailxml_dd:FSNonFSAAvailabilityDate
mailxml_dd:FullServiceIndicator

element DataQualityVerificationReportDelivery

diagram



namespace http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd

children **mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_defs:DataRecipient mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:eDocSenderCRID mailxml_dd:PushMessageID mailxml_dd:TotalJobContainerCount mailxml_dd:TotalJobHandlingUnitCount mailxml_dd:TotalJobPieceCount**

	mailxml_dd:TotalJobContainerHUErrorCount mailxml_dd:TotalJobPieceErrorCount mailxml_dd:TotalJobContainerHUWarningCount mailxml_dd:TotalJobPieceWarningCount mailxml_dd:PreparerCRID mailxml_dd:TotalPreparerContainerCount mailxml_dd:TotalPreparerHandlingUnitCount mailxml_dd:TotalPreparerPieceCount mailxml_dd:TotalPreparerContainerHUErrorCount mailxml_dd:TotalPreparerPieceErrorCount mailxml_dd:TotalPreparerContainerHUWarningCount mailxml_dd:TotalPreparerPieceWarningCount mailxml_dd:OwnerCRID mailxml_dd:TotalOwnerContainerCount mailxml_dd:TotalOwnerHandlingUnitCount mailxml_dd:TotalOwnerPieceCount mailxml_dd:TotalOwnerContainerHUErrorCount mailxml_dd:TotalOwnerPieceErrorCount mailxml_dd:TotalOwnerContainerHUWarningCount mailxml_dd:TotalOwnerPieceWarningCount mailxml_dd:VerificationErrorType mailxml_dd:DataQualityContainerInfo mailxml_dd:VerificationWarningType mailxml_dd:DataQualityContainerInfo
annotation	documentation Delivery Message should be similar to FullServiceDatQualityVerificationQueryResponse, The Query should mimic the query for COC without the role, transtype and participant, do need to add the LargeDataTransactionDivider to Delivery and Response messages

element **DataQualityVerificationReportNotification**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_dd:PushMessageID mailxml_dd:UserLicenseCode mailxml_dd:MaidatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:eDocSenderCRID mailxml_dd:VerificationErrorType mailxml_dd:VerificationWarningType mailxml_dd:FNonFSAvailabilityDate mailxml_dd:NotificationDate mailxml_dd:AvailableRecordCount
annotation	documentation Notification from USPS that a full service data quality verification report is ready for pickup.

element **DataQualityVerificationReportQueryRequest**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_dd:SubmitterTrackingID mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:eDocSenderCRID mailxml_dd:VerificationErrorType mailxml_dd:VerificationWarning... mailxml_dd:retrieveDataBy
annotation	documentation Query request for full service data quality reports.

element DataQualityVerificationReportQueryResponse

diagram	<p>DataQualityVerificationReportQ...</p> <p>Response to the Request for Full Service Data Quality Verification Reports</p> <p>attributes</p> <p>grp mailxml_defs:LargeTrans...</p> <ul style="list-style-type: none"> mailxml_defs:MessageGroupID mailxml_defs:TotalMessageCou... mailxml_defs:MessageSerialNu... mailxml_defs:TransmittedRecor... mailxml_defs:TotalRecordsAcro... mailxml_defs:LastMessage <p>mailxml_dd:TrackingID</p> <p>mailxml_dd:SubmitterTrackingID</p> <p>mailxml_dd:QueryResults</p> <p>mailxml_defs:QueryError</p> <p>Error issued when the query data cannot be provided.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:TrackingID mailxml_dd:SubmitterTrackingID mailxml_dd:QueryResults mailxml_defs:QueryError
annotation	<p>documentation</p> <p>Response to the Request for Full Service Data Quality Verification Reports</p>

element **DeliveryPointValidation**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:OriginalMailerID6 mailxml_dd:OriginalMailerID9 mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:InvalidDeliveryPointIMB mailxml_dd:PrimarySecondaryIndicator mailxml_dd:DPVDataRecipientCRID mailxml_dd:FullServiceComplianceIndicator mailxml_dd:FullServiceNonComplianceReasonCode mailxml_dd:FullServiceIndicator mailxml_dd:FNonFSAAvailabilityDate mailxml_dd:ReturnInfo
used by	elements DeliveryPointValidationDelivery DeliveryPointValidationQueryResponse/QueryResults

element **DeliveryPointValidationDelivery**

diagram	<p>DeliveryPointValidationDelivery Delivery of Delivery Point Validation by USPS.</p> <p>attributes</p> <ul style="list-style-type: none"> grp mailxml_defs:LargeTrans... <ul style="list-style-type: none"> mailxml_defs:MessageGroupID mailxml_defs:TotalMessageCou... mailxml_defs:MessageSerialNu... mailxml_defs:TransmittedRecor... mailxml_defs:TotalRecordsAcro... mailxml_defs:LastMessage <p>mailxml_dd:SubmittingParty</p> <p>mailxml_dd:SubmittingSoftware</p> <p>mailxml_defs:DataRecipient</p> <p>mailxml_dd:UserLicenseCode</p> <p>mailxml_dd:MaidatJobID</p> <p>mailxml_dd:CustomerGroupID</p> <p>mailxml_dd:MailingGroupID</p> <p>mailxml_dd:PushMessageID</p> <p>mailxml_dd:DeliveryPointValida... 0..∞</p>
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_defs:DataRecipient mailxml_dd:UserLicenseCode mailxml_dd:MaidatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:PushMessageID mailxml_dd:DeliveryPointValidation
annotation	documentation Delivery of Delivery Point Validation by USPS.

element **DeliveryPointValidationNotification**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_dd:CRID mailxml_dd:PushMessageID mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:FSNonFSAAvailabilityDate mailxml_dd:NotificationDate mailxml_dd:AvailableRecordCount
annotation	documentation Notification by UPSP that Delivery Point Validation is ready for pickup.

element **DeliveryPointValidationQueryRequest**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_dd:SubmitterTrackingID mailxml_dd:RequestorCRID mailxml_dd:OriginalMailerID6 mailxml_dd:OriginalMailerID9 mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:DateRange mailxml_dd:retrieveDataBy

	mailxml_dd:UserCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:DateRange mailxml_dd:retrieveDataBy
annotation	documentation Query request for USPS for delivery point validation.

element
 DeliveryPointValidationQueryResponse

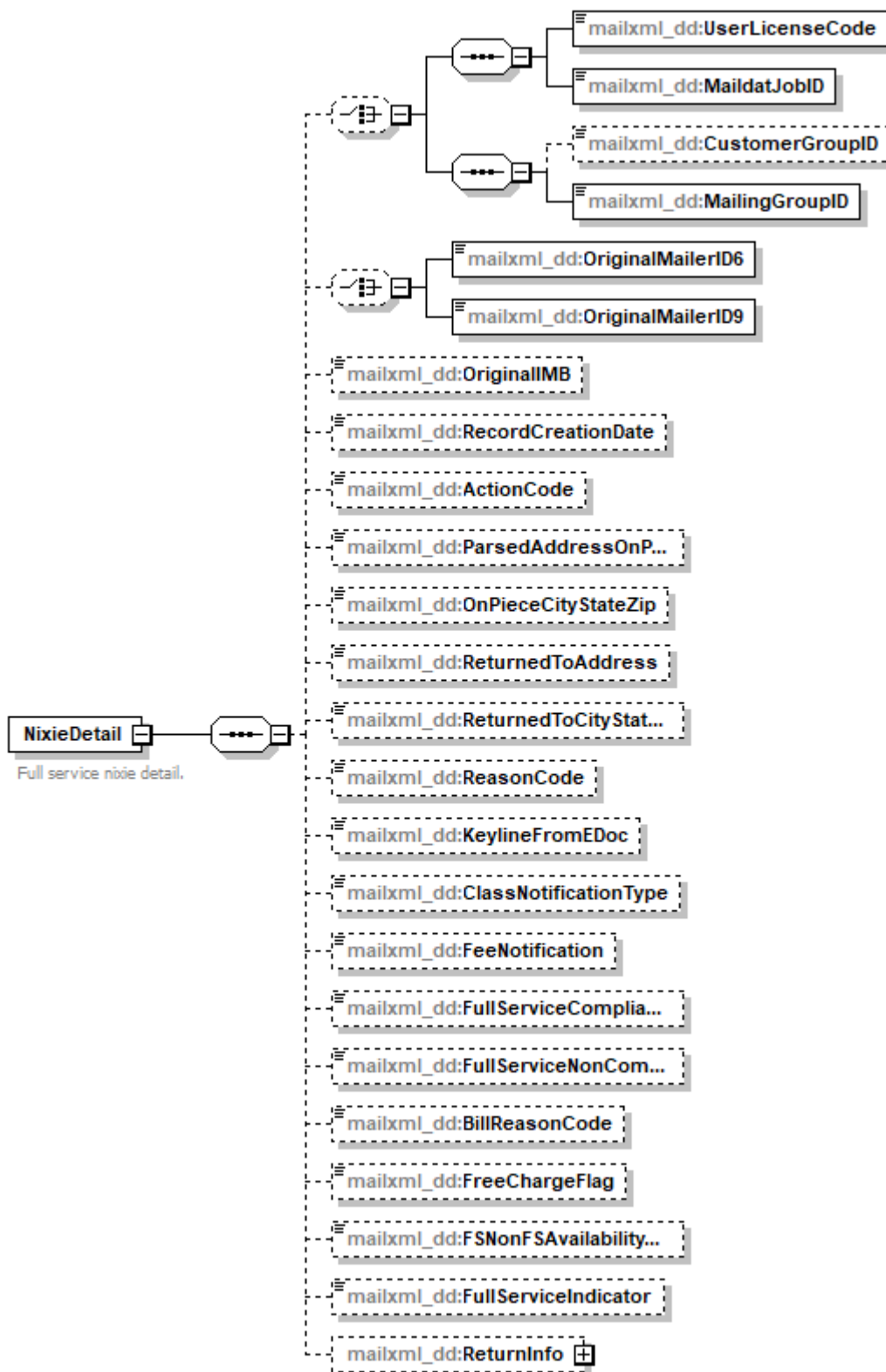
diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:TrackingID mailxml_dd:SubmitterTrackingID mailxml_dd:QueryResults mailxml_defs:QueryError
annotation	documentation Response to the Query request for USPS for delivery point validation.

element **IMbMailpieceScanData**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:MailBundleCount mailxml_dd:MPSCount mailxml_dd:IMcbAndIMtbPieceScanInfo mailxml_dd:IMcbPieceScanInfo mailxml_dd:IMtbPieceScanInfo mailxml_dd:IMbScanRec

element NixieDetail

diagram



namespace http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd

children **mailxml_dd:UserLicenseCode** **mailxml_dd:MaildatJobID** **mailxml_dd:CustomerGroupID** **mailxml_dd:MailingGroupID** **mailxml_dd:OriginalMailerID6** **mailxml_dd:OriginalMailerID9** **mailxml_dd:OriginalIMB** **mailxml_dd:RecordCreationDate** **mailxml_dd:ActionCode** **mailxml_dd:ParsedAddressOnPiece** **mailxml_dd:OnPieceCityStateZip** **mailxml_dd:ReturnedToAddress** **mailxml_dd:ReturnedToCityStateZip** **mailxml_dd:ReasonCode** **mailxml_dd:KeylineFromEDoc** **mailxml_dd:ClassNotificationType** **mailxml_dd:FeeNotification** **mailxml_dd:FullServiceComplianceIndicator** **mailxml_dd:FullServiceNonComplianceReasonCode** **mailxml_dd:BillReasonCode** **mailxml_dd:FreeChargeFlag**

	mailxml_dd:FSNonFSAAvailabilityDate mailxml_dd:FullServiceIndicator mailxml_dd:ReturnInfo
used by	elements NixieDetailQueryResponse/QueryResults NixieDetailDelivery
annotation	documentation Full service nixie detail.

element **NixieDetailDelivery**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_defs:DataRecipient mailxml_dd:PushMessageID mailxml_dd:NixieDetail
annotation	documentation Delivery from USPS of full service nixie detail.

element NixieDetailNotification

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_dd:CRID mailxml_dd:PushMessageID mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:FSNonFSAvailabilityDate mailxml_dd:NotificationDate mailxml_dd:AvailableRecordCount
annotation	documentation Notification by USPS that full service nixie detail is ready for pickup.

element NixieDetailQueryRequest

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_dd:SubmitterTrackingID mailxml_dd:RequestorCRID mailxml_dd:OriginalMailerID6 mailxml_dd:OriginalMailerID9 mailxml_dd:PieceRequest mailxml_dd:retrieveDataBy
annotation	documentation Query request for full service nixie detail.

element NixieDetailQueryResponse

diagram	<p>NixieDetailQueryResponse Response to the Query request for full service nixie detail.</p> <p>attributes</p> <ul style="list-style-type: none"> grp mailxml_defs:LargeTrans... <ul style="list-style-type: none"> mailxml_defs:MessageGroupID mailxml_defs:TotalMessageCou... mailxml_defs:MessageSerialNu... mailxml_defs:TransmittedRecor... mailxml_defs:TotalRecordsAcro... mailxml_defs:LastMessage <p>mailxml_dd:TrackingID</p> <p>mailxml_dd:SubmitterTrackingID</p> <p>mailxml_dd:QueryResults</p> <p>mailxml_defs:QueryError Error issued when the query data cannot be provided.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:TrackingID mailxml_dd:SubmitterTrackingID mailxml_dd:QueryResults mailxml_defs:QueryError
annotation	documentation Response to the Query request for full service nixie detail.

element NonComplianceDataWithPostageOwedQueryRequest

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_dd:SubmitterTrackingID mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:eDocSenderCRID mailxml_dd:StartDate mailxml_dd:EndDate mailxml_dd:retrieveDataBy mailxml_dd:VerificationErrorType
annotation	documentation Query request for full service Non Compliance Data reports.

element **NonComplianceDataWithPostageOwedReportDelivery**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_defs:DataRecipient mailxml_dd:PushMessageID mailxml_dd:NonComplianceDataWithPostageOwedReport mailxml_dd:FSNonFSAvailabilityDate mailxml_dd:FullServiceIndicator
annotation	documentation Delivery of by / for conflict information from USPS.

element NonComplianceDataWithPostageOwedReportNotification

diagram	<p>The diagram shows the structure of the NonComplianceDataWithPostageOwedReportNotification element. It is a container for a sequence of child elements. The first child is a sequence container (indicated by a circle with three dots) that contains two optional child elements (indicated by a circle with a plus sign): mailxml_dd:SubmittingParty and mailxml_dd:SubmittingSoftware. This is followed by a required child element mailxml_dd:PushMessageID. Then, there is a choice container (indicated by a circle with a vertical line) that contains two optional child elements: mailxml_dd:UserLicenseCode and mailxml_dd:MaildatJobID. This is followed by another choice container that contains two optional child elements: mailxml_dd:CustomerGroupID and mailxml_dd:MailingGroupID. Finally, there are three required child elements: mailxml_dd:eDocSenderCRID, mailxml_dd:FSNonFSAAvailability..., mailxml_dd:NotificationDate, and mailxml_dd:AvailableRecordCou....</p>
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_dd:PushMessageID mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:eDocSenderCRID mailxml_dd:FSNonFSAavailabilityDate mailxml_dd:NotificationDate mailxml_dd:AvailableRecordCount
annotation	documentation Notification from USPS that a full service non compliance data report is ready for pickup.

element NonComplianceDataWithPostageOwedReportQueryResponse

diagram	<p>The diagram shows the structure of the NonComplianceDataWithPostageOwedReportQueryResponse element. It is a container for a sequence of child elements. The first child is a sequence container (indicated by a circle with three dots) that contains two optional child elements (indicated by a circle with a plus sign): mailxml_defs:LargeTrans... and mailxml_defs:LastMessage. This is followed by a choice container (indicated by a circle with a vertical line) that contains two optional child elements: mailxml_defs:MessageGroupID and mailxml_defs:TotalMessageCou.... This is followed by another choice container that contains two optional child elements: mailxml_defs:Message SerialNu... and mailxml_defs:TransmittedRecor.... This is followed by a third choice container that contains two optional child elements: mailxml_defs:TotalRecordsAcro... and mailxml_defs:LastMessage. Finally, there are three required child elements: mailxml_dd:TrackingID, mailxml_dd:SubmitterTrackingID, and a choice container that contains two optional child elements: mailxml_dd:QueryResults and mailxml_defs:QueryError. A note below the diagram states: "Error issued when the query data cannot be provided."</p>
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_defs:LargeTrans... mailxml_defs:LastMessage mailxml_defs:MessageGroupID mailxml_defs:TotalMessageCou... mailxml_defs:Message SerialNu... mailxml_defs:TransmittedRecor... mailxml_defs:TotalRecordsAcro... mailxml_defs:LastMessage mailxml_dd:TrackingID mailxml_dd:SubmitterTrackingID mailxml_dd:QueryResults mailxml_defs:QueryError
annotation	documentation Response to the Request for Full Service Non Compliance Data With Postage Owed Report Query Request

namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:TrackingID mailxml_dd:SubmitterTrackingID mailxml_dd:QueryResults mailxml_defs:QueryError
annotation	documentation Response to the Request for Full Service Non Compliance Data With Postage Owed Report Query Request

element ScanSTCCount

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:ConsigneeApptID mailxml_dd:LogicialIndicator mailxml_dd:IMcbCount mailxml_dd:IMtbCount mailxml_dd:IMpbCount mailxml_dd:IMbCount mailxml_dd:PlannedCount mailxml_dd:PaidCount mailxml_dd:ScannedCount mailxml_dd:STCCount
used by	elements ScanSTCReconciliationQueryResponse/QueryResults ScanSTCReconciliationDelivery
annotation	documentation ScanandSPMCountfor thridpartyreconciliation

element ScanSTCReconciliationDelivery

diagram	<p>ScanSTCReconciliationDelivery</p> <p>Response to the Query request for for full service container visisbility information.</p> <p>attributes</p> <ul style="list-style-type: none"> grp mailxml_defs:LargeTrans... <ul style="list-style-type: none"> mailxml_defs:MessageGroupID mailxml_defs:TotalMessageCou... mailxml_defs:MessageSerialNu... mailxml_defs:TransmittedRecor... mailxml_defs:TotalRecordsAcro... mailxml_defs>LastMessage <p>Sequence of children:</p> <ul style="list-style-type: none"> mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_defs:DataRecipient mailxml_dd:eDocSenderCRID mailxml_dd:PushMessageID mailxml_dd:ScanSTCCount (1..∞) <p>ScanandSPMCountfor thridpartyreconciliation</p>
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_defs:DataRecipient mailxml_dd:eDocSenderCRID mailxml_dd:PushMessageID mailxml_dd:ScanSTCCount
annotation	documentation Response to the Query request for for full service container visisbility information.

element ScanSTCReconciliationNotification

diagram	<p>Notification sent by USPS that full service container visibility information is ready for pickup.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_dd:PushMessageID mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:FSNonFSAvailabilityDate mailxml_dd:NonFullServiceAvailabilityDate mailxml_dd:AvailableRecordCount mailxml_dd:CountType mailxml_dd:NotificationDate
annotation	documentation Notification sent by USPS that full service container visibility information is ready for pickup.

element ScanSTCReconciliationQueryRequest

diagram	<p>Query request for for full service container visibility information.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_dd:SubmitterTrackingID mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:ConsigneeApptID mailxml_dd:retrieveDataBy
annotation	documentation Query request for for full service container visibility information.

element ScanSTCReconciliationQueryResponse

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:TrackingID mailxml_dd:SubmitterTrackingID mailxml_dd:QueryResults mailxml_defs:QueryError
annotation	documentation Response to the Query request for for full service container visibility information.

element StartTheClockBEMUBlock

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:StartTheClockBEMU
used by	complexType clockStartedType

element **StartTheClockDropShipOrOrigin**

diagram



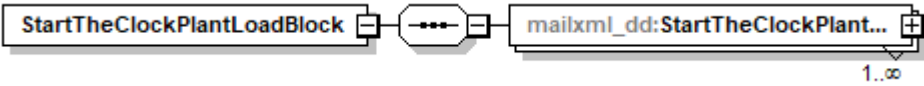
namespace http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd

children


mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:ConsigneeApptID mailxml_dd:CSADispatchNumber mailxml_dd:PublicationNumber mailxml_dd:MailClass mailxml_dd:ProcessingCategory mailxml_dd:DropShipYesNo mailxml_dd:UspsFacilityName mailxml_dd:UspsFacilityLocaleKey mailxml_dd:City mailxml_dd:State mailxml_dd:ApptDateTime

	mailxml_dd:ArrivalDateTime mailxml_dd:UnloadStartDateTime mailxml_dd:UnloadEndDateTime mailxml_dd:ApptStatus mailxml_dd:StartTheClockDate mailxml_dd:FullServiceComplianceIndicator mailxml_dd:FullServiceNonComplianceReasonCode mailxml_dd:FSNonFSAvailabilityDate mailxml_dd:FullServiceIndicator mailxml_dd:ContainerID mailxml_dd:ContainerType mailxml_dd:IMcb mailxml_dd:IMtb mailxml_dd:IMpb
used by	element clockStartedType/StartTheClockDropShipOrOriginBlock

element [StartTheClockPlantLoadBlock](#)

diagram	 The diagram shows a box labeled 'StartTheClockPlantLoadBlock' connected to a box labeled 'mailxml_dd:StartTheClockPlant...' with a multiplicity of '1..∞'.
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:StartTheClockPlantLoad
used by	complexType clockStartedType

complexType [addressCorrectionAddressType](#)

diagram	 The diagram shows a box labeled 'addressCorrectionAddressType' connected to a dashed box containing several child elements: mailxml_dd:AddressType, mailxml_dd:UrbanizationName, mailxml_dd:PrimaryNumber, mailxml_dd:PreDirectional, mailxml_dd:StreetName, mailxml_dd:StreetSuffix, mailxml_dd:PostDirectional, mailxml_dd:UnitDesignator, mailxml_dd:SecondaryNumber, mailxml_dd:City, mailxml_dd:State, and a group containing mailxml_dd:ZipCode, mailxml_dd:ZipCodePlus4, and mailxml_dd:DeliveryPoint11Digit....
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:AddressType mailxml_dd:UrbanizationName mailxml_dd:PrimaryNumber mailxml_dd:PreDirectional mailxml_dd:StreetName mailxml_dd:StreetSuffix mailxml_dd:PostDirectional mailxml_dd:UnitDesignator mailxml_dd:SecondaryNumber mailxml_dd:City mailxml_dd:State mailxml_dd:ZipCode mailxml_dd:ZipCodePlus4 mailxml_dd:DeliveryPoint11DigitZip
used by	elements newAddressCorrectionAddressType/NewDomesticAddress AddressCorrection/OldAddress

complexType byForConflictType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:MailOwnerConflict mailxml_dd:MailPreparerConflict mailxml_dd:FSNonFSAvailabilityDate mailxml_dd:FullServiceIndicator mailxml_dd:ReturnInfo
used by	elements ByForConflictDelivery/ByForConflict ByForConflictQueryResponse/QueryResults/ByForConflict

complexType clockStartedType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:StartTheClockBEMUBlock mailxml_dd:StartTheClockDropShipOrOriginBlock mailxml_dd:StartTheClockPlantLoadBlock

complexType dqrContainerInfoType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:ContainerID mailxml_dd:SiblingRefContainerID mailxml_dd:ParentContainerID mailxml_dd:ProcessingCategory mailxml_dd:MailClass mailxml_dd:USPSFacilityLocaleKey mailxml_dd:City mailxml_dd:State mailxml_dd:MailingDate mailxml_dd:ContainerType mailxml_dd:IMcb mailxml_dd:IMtb mailxml_dd:CSAID mailxml_dd:ConsigneeAppTID mailxml_dd:FSTNonFSAAvailabilityDate mailxml_dd:FullServiceIndicator mailxml_dd:VerificationError mailxml_dd:PreparerCRID mailxml_dd:OwnerCRID mailxml_dd:PieceInfo mailxml_dd:PieceRangeInfo
used by	elements DataQualityVerificationReportDelivery/DataQualityContainerInfo DataQualityVerificationReportDelivery/DataQualityContainerInfo DataQualityVerificationReportQueryResponse/QueryResults/DQRContainerInfo DataQualityVerificationReportQueryResponse/QueryResults/DQRContainerInfo

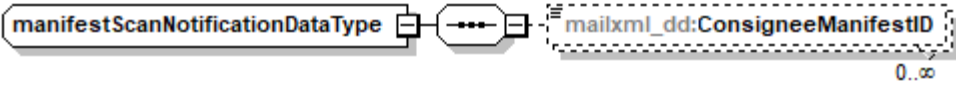
complexType foreignAddressType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:AddressLine1 mailxml_dd:AddressLine2 mailxml_dd:AddressLine3 mailxml_dd:City mailxml_dd:CountryCode mailxml_dd:Province mailxml_dd:PostalorZipCode mailxml_dd:CountryName
used by	element newAddressCorrectionAddressType/NewForeignAddress


complexType manifestScanEventDetailType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	<p>mailxml_dd:USPSEventExtractFileVersionNumber mailxml_dd:IMpb mailxml_dd:ElectronicFileNumber mailxml_dd:MailerID mailxml_dd:MailerName mailxml_dd:DestinationZipCode mailxml_dd:DestinationZipPlusFour mailxml_dd:ScanningFacilityZip mailxml_dd:ScanningFacilityName mailxml_dd:EventCode mailxml_dd:EventName mailxml_dd:EventDate mailxml_dd:EventTime mailxml_dd:MailerOwnerID mailxml_dd:CustomerReferenceID mailxml_dd:DestinationCountryCode mailxml_dd:RecipientName mailxml_dd:OriginalLabel mailxml_dd:UnitofMeasureCode mailxml_dd:Weight mailxml_dd:GuaranteedDeliveryDate mailxml_dd:GuaranteedDeliveryTime mailxml_dd:LogisticsManagerMailerID</p>

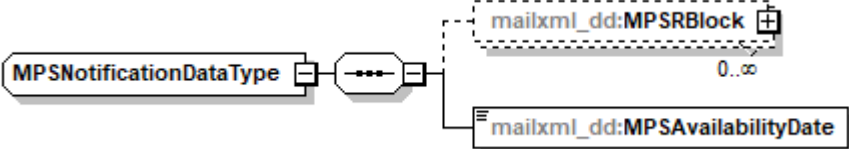
complexType manifestScanNotificationDataType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:ConsigneeManifestID

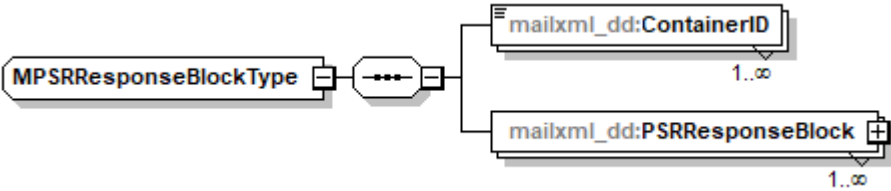
complexType manifestScanQueryType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:ConsigneeManifestID

complexType MPSNotificationDataType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:MPSRBlock mailxml_dd:MPSAvailabilityDate

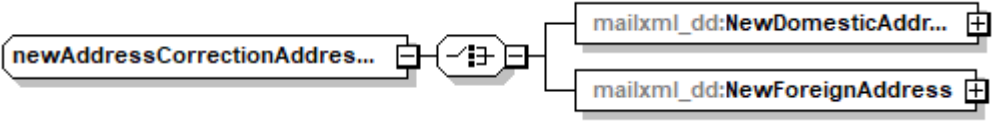
complexType MPSRResponseBlockType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:ContainerID mailxml_dd:PSRResponseBlock


complexType MPSVisScanQueryType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:ResultOptions mailxml_dd:RangeLowerDate mailxml_dd:RangeUpperDate mailxml_dd:MID6OnThePiece mailxml_dd:MID9OnThePiece mailxml_dd:FacilityLocaleKey mailxml_dd:EventType mailxml_dd:BundleScanType mailxml_dd:IMcb mailxml_dd:IMtb mailxml_dd:IMB mailxml_dd:BundleID mailxml_dd:FieldIncludedScanRecFlag

complexType newAddressCorrectionAddressType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:NewDomesticAddress mailxml_dd:NewForeignAddress
used by	element AddressCorrection/NewAddress

complexType nonComplianceDataWithPostageOwedReportType

diagram	
namespa ce	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:eDocSenderCRID mailxml_dd:TotalFSPieces mailxml_dd:TotalNonFSPieces mailxml_dd:TotalAffectedPieces mailxml_dd:PercentageFullServicePiecesAffected mailxml_dd:EligibilityForPostalOneInvoicing mailxml_dd:TotalDiscountAssessment mailxml_dd:MailClass mailxml_dd:DiscountFinalized mailxml_dd:MailingIDDetail
used by	elements NonComplianceDataWithPostageOwedReportQueryResponse/QueryResults/NonComplianceDataWithPo stageOwedReport NonComplianceDataWithPostageOwedReportDelivery/NonComplianceDataWithPostageOwedReport

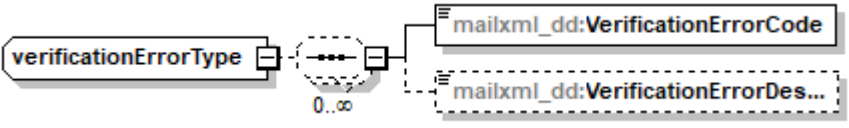
complexType **PSRResponseBlockType**

diagram	<pre> xsd:element base="base" name="PSRResponseBlockType" type="complexType"> <xsd:sequence> <xsd:element base="base" minoccurs="0" name="mailxml_dd:PRID" type="string"></xsd:element> <xsd:element base="base" minoccurs="0" name="mailxml_dd:IMBLS" type="string"></xsd:element> <xsd:element base="base" minoccurs="0" name="mailxml_dd:IMBUS" type="string"></xsd:element> <xsd:choice> <xsd:element base="base" minoccurs="0" name="mailxml_dd:ServiceTypeCode" type="string"></xsd:element> <xsd:element base="base" minoccurs="0" name="mailxml_dd:MailClass" type="string"></xsd:element> </xsd:choice> <xsd:element base="base" minoccurs="0" name="mailxml_dd:ServiceLevelIndicator" type="string"></xsd:element> <xsd:element base="base" minoccurs="0" name="mailxml_dd:MailpieceScanCount" type="string"></xsd:element> </xsd:sequence> </pre>
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:PRID mailxml_dd:IMBLS mailxml_dd:IMBUS mailxml_dd:ServiceTypeCode mailxml_dd:MailClass mailxml_dd:ServiceLevelIndicator mailxml_dd:MailpieceScanCount
used by	element MPSRResponseBlockType/PSRResponseBlock

complexType unManifestedScanEventDetailType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	<p>mailxml_dd:USPSEventExtractFileVersionNumber mailxml_dd:IMpb mailxml_dd:ElectronicFileNumber mailxml_dd:MailerID mailxml_dd:MailerName mailxml_dd:DestinationZipCode mailxml_dd:DestinationZipPlusFour mailxml_dd:ScanningFacilityZip mailxml_dd:ScanningFacilityName mailxml_dd:EventCode mailxml_dd:EventName mailxml_dd:EventDate mailxml_dd:EventTime mailxml_dd:MailerOwnerID mailxml_dd:CustomerReferenceID mailxml_dd:DestinationCountryCode mailxml_dd:RecipientName mailxml_dd:OriginalLabel mailxml_dd:UnitofMeasureCode mailxml_dd:Weight mailxml_dd:GuaranteedDeliveryDate mailxml_dd:GuaranteedDeliveryTime mailxml_dd:LogisticsManagerMailerID</p>

complexType **verificationErrorType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
children	mailxml_dd:VerificationErrorCode mailxml_dd:VerificationErrorDescription
used by	elements dqrContainerInfoType/VerificationError dqrContainerInfoType/PieceInfo/VerificationError dqrContainerInfoType/PieceRangeInfo/VerificationError nonComplianceDataWithPostageOwedReportType/MailingIDDetail/VerificationError

simpleType **addressCorrectionMoveType**

namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
type	restriction of xs:string
used by	element AddressCorrection/MoveType

simpleType **addressTypeType**

namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
type	restriction of xs:string
used by	element addressCorrectionAddressType/AddressType

simpleType **containerScanStateType**

namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
type	restriction of xs:string
annotation	documentation Scan data for Container Scan States

simpleType **deliverabilityCodeType**

namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
type	restriction of xs:string
used by	element AddressCorrection/DeliverabilityCodeType

simpleType **eDocTypeType**

namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
type	restriction of xs:string

simpleType **primarySecondaryIndicatorType**

namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd
type	restriction of xs:string
used by	element DeliveryPointValidation/PrimarySecondaryIndicator

simpleType **verificationErrorTypeType**

namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd	
type	restriction of xs:string	
used by	elements	DataQualityVerificationReportDelivery/VerificationErrorType DataQualityVerificationReportNotification/VerificationErrorType DataQualityVerificationReportQueryRequest/VerificationErrorType DataQualityVerificationReportQueryResponse/QueryResults/VerificationErrorType NonComplianceDataWithPostageOwedQueryRequest/VerificationErrorType nonComplianceDataWithPostageOwedReportType/MailingIDDetail/VerificationErrorType

simpleType **verificationWarningTypeType**

namespace	http://delivery-tech.org/Specs/mailxml25.1/mailxml_dd	
type	restriction of xs:string	
used by	elements	DataQualityVerificationReportDelivery/VerificationWarningType DataQualityVerificationReportNotification/VerificationWarningType DataQualityVerificationReportQueryRequest/VerificationWarningType DataQualityVerificationReportQueryResponse/QueryResults/VerificationWarningType

XML Schema documentation generated by [XMLSpy](http://www.altova.com/xmlspy) Schema Editor <http://www.altova.com/xmlspy>