

Mail.XML Version 26.1

System Messages Specification

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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.

What's New in Mail.XML Version 26.1?

With this release, the Mail.XML Messaging Protocol moves to Version 26.1. This release supports structure changes required by mailing industry and Postal Service.

Changes supported by Mail.XML 26.1 include:

- 2613 - Proposal to add support for Marriage Mail product
- 2612 - Proposal to add support for USPS Ground Advantage product
- 2614 - Proposal to support/Clarify Destination Hub for Parcel Select Destination Entry

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/mailxml26.1/mailxml"
targetNamespace="http://delivery-tech.org/Specs/mailxml26.1/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/mailxml26.1A/mailxml" then at least one of the XSDs is at same version such as filename = 'Mail.XML_26.1A.xsd' <- Errata A
- If the wrapper version is labeled as xmlns:mailxml="http://deliverytech.org/Specs/mailxml26.1B/mailxml" then at least one of the XSDs is at same version such as filename = 'Mail.XML_26.1B.xsd' <- Errata B

- If the wrapper version is labeled as xmlns:mailxml="http://deliverytech.org/Specs/mailxml26.1/mailxml" then at least one of the XSDs is at same version such as filename = 'Mail.XML_26.1.xsd' <- Major Version

Mail.XML 26.1 XSD Modules

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

- Mail.XML_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=Mail.XML_tm:
- Mail.XML_mm.xsd: This module contains all the mailing messages (eDoc) and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML_mm:
- Mail.XML_iv.xsd: This module contains informed visibility messages and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML_iv:
- Mail.XML_dd.xsd: This module contains all the data distribution messages and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML_dd:
- Mail.XML_id.xsd: This module contains all the identification messages and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML_id:
- Mail.XML_sc.xsd: This module contains all the supply chain messages and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML_sc:
- Mail.XML_defs.xsd: This module contains all the common definitions of attributes, elements and complex types that are used across two or more message types. Namespace=Mail.XML_defs:
- Mail.XML_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=Mail.XML_base:
- Mail.XML.xsd: This module contains the system messages of Mail.XML and is used to build custom profiles for Mail.XML. Namespace=Mail.XML:

The Mail.XML™ 26.1 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 26.1. Updates in this Specification are NOT backwardly compatible with previous versions. Other documents in the specification set include:

- Mail.XML™ 26.1: Transportation Messaging Specification documents all transportation messages
- Mail.XML™ 26.1: Mailing Messaging Specification documents all mailing messages
- Mail.XML™ 26.1: Informed Visibility Specification documents all informed visibility messages
- Mail.XML™ 26.1: Data Distribution Messaging Specification documents all data distribution messages
- Mail.XML™ 26.1: Identification Messaging Specification documents all identification messages
- Mail.XML™ 26.1: Supply Chain Messaging Specification documents all supply chain messages
- Mail.XML™ 26.1: System Messaging Specification documents all systems and fault messages
- Mail.XML™ 26.1: Simple Types Specification documents all simple types used across Mail.XML

- messages
- Mail.XML™ 26.1: Common Definitions Specification documents all shared elements and complex types.
- Mail.XML™ 26.1: Schemas contains the .XSDs that make up the Mail.XML Messaging Specification

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Schema mailxml_dd_26.1.xsd	8

Schema mailxml_dd_26.1.xsd

schema location: [..\XSDs\mailxml_dd_26.1.xsd](#)
attribute form default: **qualified**
element form default: **qualified**
targetNamespace: **http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd**

Elements

[AddressCorrection](#)

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[AddressCorrectionQueryRequest](#)
[AddressCorrectionQueryResponse](#)
[ByForConflictDelivery](#)

[ByForConflictNotification](#)
[ByForConflictQueryRequest](#)

[ByForConflictQueryResponse](#)

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

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

Complex types

[addressCorrectionAddressType](#)

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

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

[MPSNotificationDataType](#)

[MPSRResponseBlockType](#)
[MPSVisScanQueryType](#)

[newAddressCorrectionAddressType](#)

[nonComplianceDataWithPostageOwedReportType](#)
[PSRResponseBlockType](#)

[unManifestedScanEventDetailType](#)
[verificationErrorType](#)

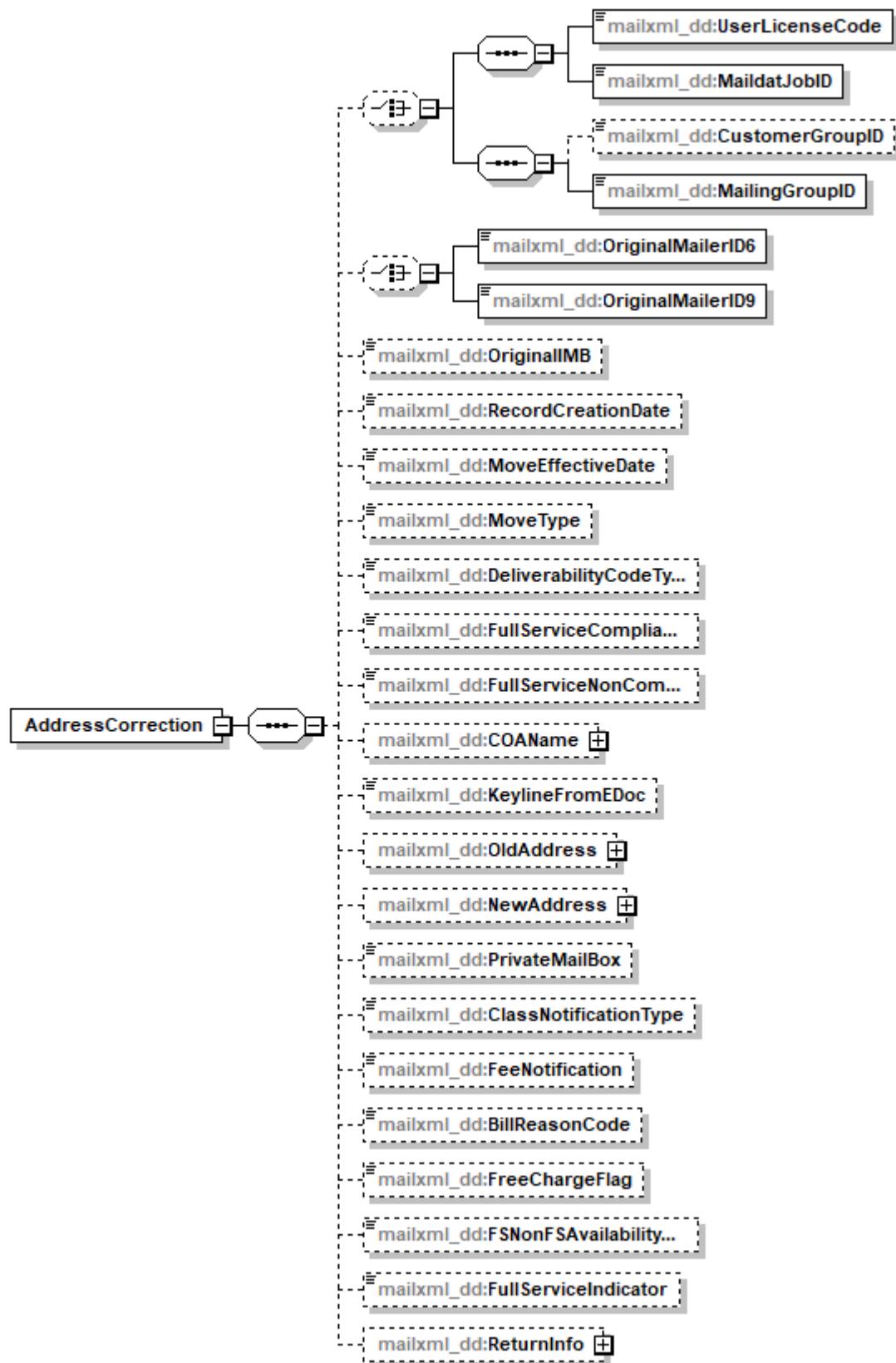
Simple types

[addressCorrectionMoveType](#)
[addressTypeType](#)
[containerScanStateType](#)
[deliverabilityCodeType](#)
[eDocTypeType](#)
[primarySecondaryIndicatorType](#)
[verificationErrorTypeType](#)
[verificationWarningTypeType](#)

[StartTheClockPlantLoadBlock](#)

element AddressCorrection

diagram



namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
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element **AddressCorrectionDelivery**

<p>diagram</p>	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
annotation	documentation Delivery of address correction delivery data from USPS.

element AddressCorrectionNotification

diagram	<p>The diagram shows the structure of the AddressCorrectionNotification element. It is a container element with a dashed border and a plus sign in the top right corner. Inside, there is a box labeled AddressCorrectionNotification with the text "Notification from UPSP that address correction data is ready to pick up." below it. To the right of this box is a complex structure of child elements: <ul style="list-style-type: none"> A dashed box containing: <ul style="list-style-type: none"> mailxml_dd:SubmittingParty (dashed box with plus sign) mailxml_dd:SubmittingSoftware (dashed box with plus sign) mailxml_dd:CRID (solid box) mailxml_dd:PushMessageID (solid box) A solid box containing: <ul style="list-style-type: none"> mailxml_dd:UserLicenseCode (solid box) mailxml_dd:MaildatJobID (solid box) mailxml_dd:CustomerGroupID (dashed box) mailxml_dd:MailingGroupID (solid box) mailxml_dd:FSNonFSAvailability... (solid box) mailxml_dd:NotificationDate (solid box) mailxml_dd:AvailableRecordCou... (solid box) </p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
annotation	documentation Notification from UPSP that address correction data is ready to pick up.

element AddressCorrectionQueryRequest

diagram	<p>The diagram shows the structure of the AddressCorrectionQueryRequest element. It is a container element with a dashed border and a plus sign in the top right corner. Inside, there is a box labeled AddressCorrectionQueryRequ... with the text "Query request for full service address correction data." below it. To the right of this box is a complex structure of child elements: <ul style="list-style-type: none"> A dashed box containing: <ul style="list-style-type: none"> mailxml_dd:SubmittingParty (dashed box with plus sign) mailxml_dd:SubmittingSoftware (dashed box with plus sign) mailxml_dd:SubmitterTrackingID (dashed box) mailxml_dd:OwningParty (dashed box with plus sign) mailxml_dd:PieceRequest (solid box with plus sign, with a multiplicity of 1..∞ indicated below it) mailxml_dd:retrieveDataBy (solid box) </p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
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> <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 Error issued when the query data cannot be provided.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
annotation	documentation Response to the query request for full service address correction data.

element **ByForConflictDelivery**

diagram	<p>The diagram shows the structure of the ByForConflictDelivery element. It is a container for a group of attributes and a sequence of elements.</p> <ul style="list-style-type: none"> Attributes Group: A group of attributes (mailxml_defs:LargeTrans...) containing: <ul style="list-style-type: none"> mailxml_defs:MessageGroupID mailxml_defs:TotalMessageCou... mailxml_defs:MessageSerialNu... mailxml_defs:TransmittedRecor... mailxml_defs:TotalRecordsAcro... mailxml_defs:LastMessage Sequence: A sequence of elements (mailxml_dd:SubmittingParty, mailxml_dd:SubmittingSoftware, mailxml_defs:DataRecipient, mailxml_dd:PushMessageID, mailxml_dd:ByForConflict) that is optional and can occur 1 to infinity times.
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
annotation	documentation Delivery of by / for conflict information from USPS.

element **ByForConflictNotification**

diagram	<p>ByForConflictNotification</p> <p>Notification from USPS that a by / for conflict resolution is ready for pickup.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
annotation	documentation Notification from USPS that a by / for conflict resolution is ready for pickup.

element **ByForConflictQueryRequest**

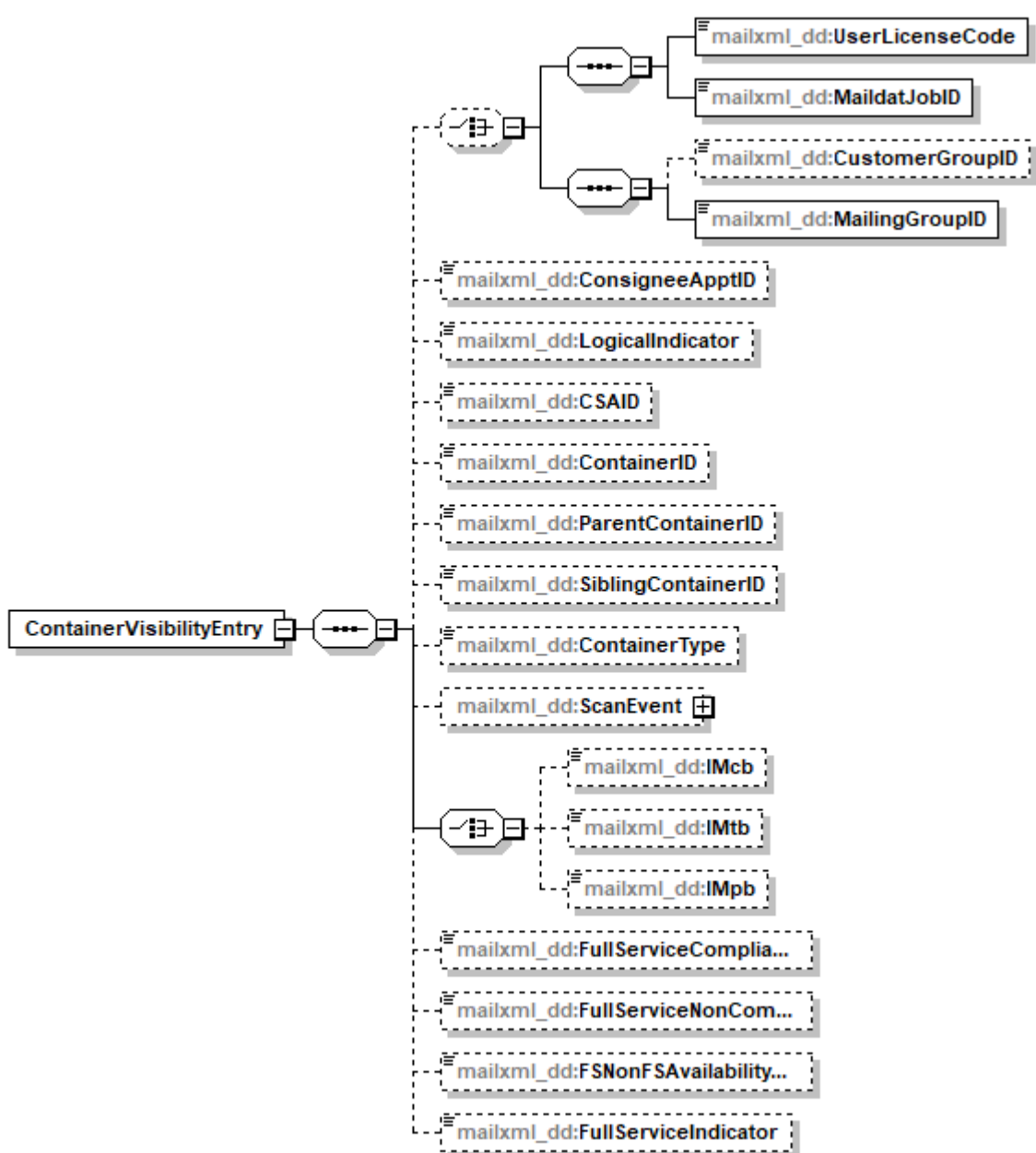
diagram	<p>ByForConflictQueryRequest</p> <p>Query request for by(preparer) / for(owner) conflicts information in edocs.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
annotation	documentation Query request for by(preparer) / for(owner) conflicts information in edocs.

element **ByForConflictQueryResponse**

diagram	<p>ByForConflictQueryResponse Response to the query by(preparer) / for(owner) conflicts information in edocs.</p> <p>attributes</p> <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/mailxml26.1/mailxml_dd
annotation	documentation Response to the query by(preparer) / for(owner) conflicts information in edocs.

element **ContainerVisibilityEntry**

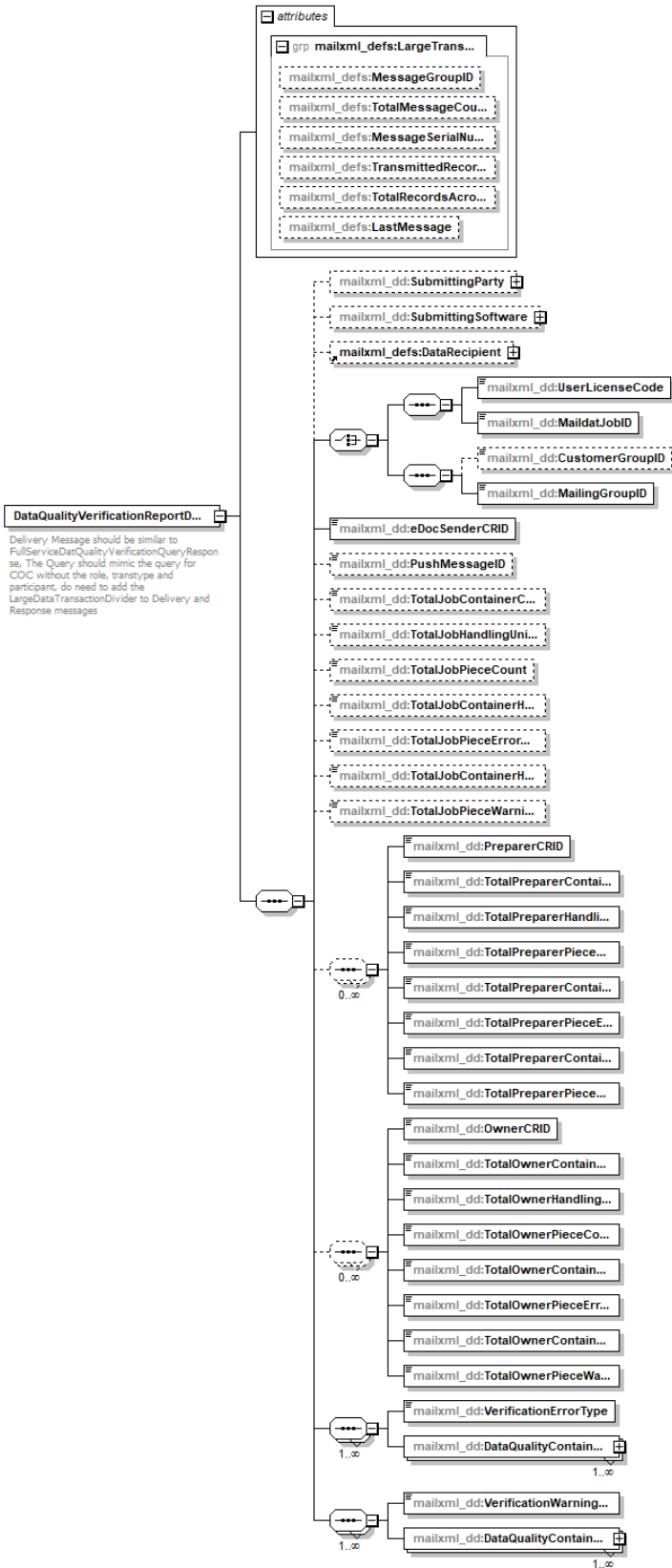
diagram



namespace http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd

element DataQualityVerificationReportDelivery

diagram



namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
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/mailxml26.1/mailxml_dd
annotation	documentation Notification from USPS that a full service data quality verification report is ready for pickup.

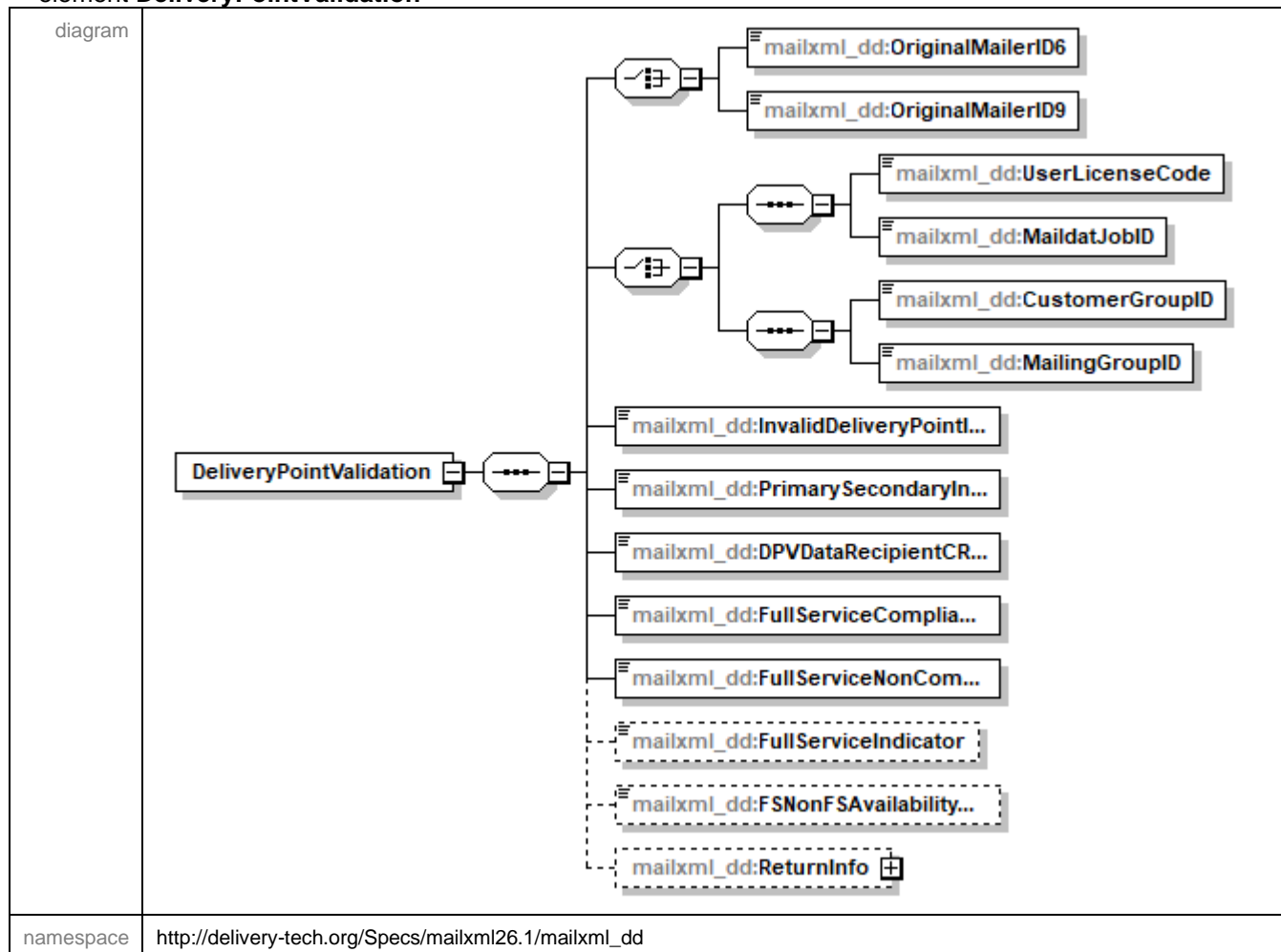
element **DataQualityVerificationReportQueryRequest**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
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/mailxml26.1/mailxml_dd
annotation	<p>documentation</p> <p>Response to the Request for Full Service Data Quality Verification Reports</p>

element **DeliveryPointValidation**



element **DeliveryPointValidationDelivery**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
annotation	documentation Delivery of Delivery Point Validation by USPS.

element **DeliveryPointValidationNotification**

diagram	<p>DeliveryPointValidationNotificati... Notification by UPSP that Delivery Point Validation is ready for pickup.</p> <p>mailxml_dd:SubmittingParty</p> <p>mailxml_dd:SubmittingSoftware</p> <p>mailxml_dd:CRID</p> <p>mailxml_dd:PushMessageID</p> <p>mailxml_dd:UserLicenseCode</p> <p>mailxml_dd:MaildatJobID</p> <p>mailxml_dd:CustomerGroupID</p> <p>mailxml_dd:MailingGroupID</p> <p>mailxml_dd:FNonFSAvailability...</p> <p>mailxml_dd:NotificationDate</p> <p>mailxml_dd:AvailableRecordCou...</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
annotation	documentation Notification by UPSP that Delivery Point Validation is ready for pickup.

element **DeliveryPointValidationQueryRequest**

diagram	<p>DeliveryPointValidationQueryRe... Query request for USPS for delivery point validation.</p> <p>mailxml_dd:SubmittingParty</p> <p>mailxml_dd:SubmittingSoftware</p> <p>mailxml_dd:SubmitterTrackingID</p> <p>mailxml_dd:RequestorCRID</p> <p>mailxml_dd:OriginalMailerID6</p> <p>mailxml_dd:OriginalMailerID9</p> <p>mailxml_dd:UserLicenseCode</p> <p>mailxml_dd:MaildatJobID</p> <p>mailxml_dd:CustomerGroupID</p> <p>mailxml_dd:MailingGroupID</p> <p>mailxml_dd:DateRange</p> <p>mailxml_dd:retrieveDataBy</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd

annotation	documentation Query request for USPS for delivery point validation.
------------	--

element
 DeliveryPointValidationQueryResponse

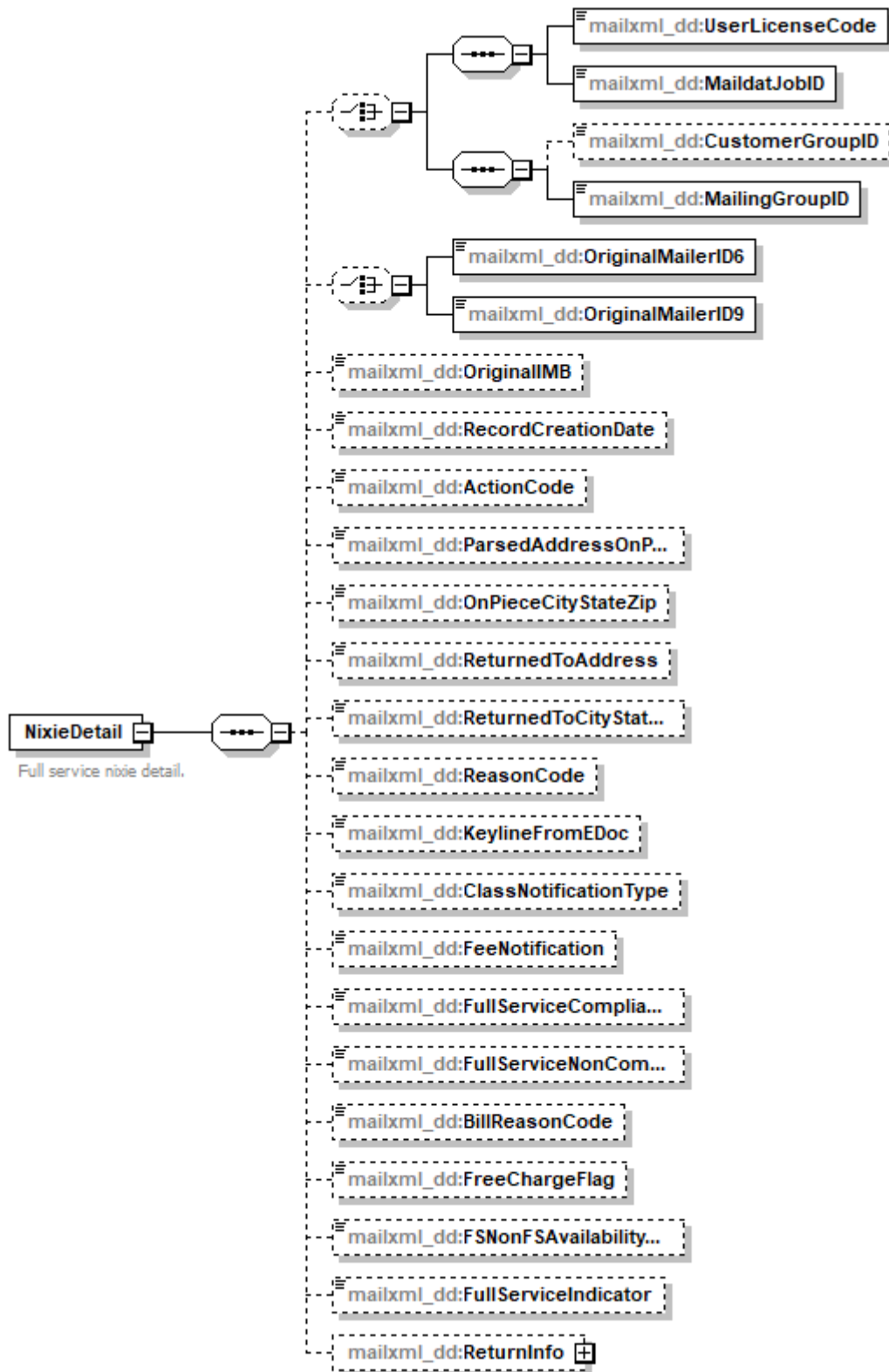
<div> <div>diagram</div> </div>	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
annotation	documentation Response to the Query request for USPS for delivery point validation.

element **IMbMailpieceScanData**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd

element NixieDetail

diagram



namespace http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd

annotation	documentation Full service nixie detail.
------------	---

element **NixieDetailDelivery**

diagram	<p>The diagram illustrates the structure of the NixieDetailDelivery element. It is a container element with a solid border and a small square icon. Below the name is the text "Delivery from USPS of full service nixie detail.".</p> <p>Inside the container, there is an attributes group (indicated by a dashed border and a small square icon) containing a grp mailxml_defs:LargeTrans... group (dashed border, small square icon). This group contains six elements, each in a dashed box: mailxml_defs:MessageGroupID, mailxml_defs:TotalMessageCou..., mailxml_defs:MessageSerialNu..., mailxml_defs:TransmittedRecor..., mailxml_defs:TotalRecordsAcro..., and mailxml_defs:LastMessage.</p> <p>Below the attributes group is a choice element (indicated by a dashed border and a small circle icon). It contains five elements, each in a dashed box: mailxml_dd:SubmittingParty, mailxml_dd:SubmittingSoftware, mailxml_defs:DataRecipient, mailxml_dd:PushMessageID, and mailxml_dd:NixieDetail. The mailxml_dd:NixieDetail element has a multiplicity of 1..∞ and is annotated with "Full service nixie detail." below it.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
annotation	documentation Delivery from USPS of full service nixie detail.

element NixieDetailNotification

diagram	<p>The diagram shows the structure of the NixieDetailNotification element. It is a container element (rectangle with a small square on the left) containing a sequence of elements (ovals with three dots). The first element is a choice element (rectangle with a small square on the left) containing two elements: mailxml_dd:SubmittingParty and mailxml_dd:SubmittingSoftware. The second element is a choice element containing mailxml_dd:CRID and mailxml_dd:PushMessageID. The third element is a choice element containing two elements: mailxml_dd:UserLicenseCode and mailxml_dd:MaildatJobID. The fourth element is a choice element containing mailxml_dd:CustomerGroupID and mailxml_dd:MailingGroupID. The fifth element is mailxml_dd:FSNonFSAvailability.... The sixth element is mailxml_dd:NotificationDate. The seventh element is mailxml_dd:AvailableRecordCou....</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
annotation	<p>documentation</p> <p>Notification by USPS that full service nixie detail is ready for pickup.</p>

element NixieDetailQueryRequest

diagram	<p>The diagram shows the structure of the NixieDetailQueryRequest element. It is a container element (rectangle with a small square on the left) containing a sequence of elements (ovals with three dots). The first element is a choice element (rectangle with a small square on the left) containing two elements: mailxml_dd:SubmittingParty and mailxml_dd:SubmittingSoftware. The second element is a choice element containing mailxml_dd:SubmitterTrackingID and mailxml_dd:RequestorCRID. The third element is a choice element containing mailxml_dd:OriginalMailerID6 and mailxml_dd:OriginalMailerID9. The fourth element is mailxml_dd:PieceRequest with a cardinality of 1..∞. The fifth element is mailxml_dd:retrieveDataBy.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
annotation	<p>documentation</p> <p>Query request for full service nixie detail.</p>

element NixieDetailQueryResponse

diagram	<p>NixieDetailQueryResponse Response to the Query request for full service nixie detail.</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 Error issued when the query data cannot be provided.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
annotation	documentation Response to the Query request for full service nixie detail.

element **NonComplianceDataWithPostageOwedQueryRequest**

diagram	<pre> xsd:element base="base" name="NonComplianceDataWithPostageOwedQueryRequest"> <div> Query request for full service Non Compliance Data reports. </div> <div> <div> <div> mailxml_dd:SubmittingParty </div> <div> mailxml_dd:SubmittingSoftware </div> <div> mailxml_dd:SubmitterTrackingID </div> </div> <div> <div> <div> <div>mailxml_dd:UserLicenseCode</div> <div>mailxml_dd:MaidatJobID</div> </div> <div> <div>mailxml_dd:CustomerGroupID</div> <div>mailxml_dd:MailingGroupID</div> </div> </div> <div> <div>mailxml_dd:eDocSenderCRID</div> <div>mailxml_dd:StartDate</div> <div>mailxml_dd:EndDate</div> <div>mailxml_dd:retrieveDataBy</div> <div>mailxml_dd:VerificationErrorType</div> </div> </div> </div> </pre>
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namespace http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd

annotation documentation
Query request for full service Non Compliance Data reports.

element **NonComplianceDataWithPostageOwedReportDelivery**

diagram	<p>NonComplianceDataWithPostag...</p> <p>Delivery of by / for conflict information from USPS.</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 <ul style="list-style-type: none"> mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_defs:DataRecipient mailxml_dd:PushMessageID mailxml_dd:NonComplianceDat... (1..∞) mailxml_dd:FSTNonFSAvailability... mailxml_dd:FullServiceIndicator
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
annotation	<p>documentation</p> <p>Delivery of by / for conflict information from USPS.</p>

element **NonComplianceDataWithPostageOwedReportNotification**

<p>diagram</p>	
<p>namespace</p>	<p>http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd</p>
<p>annotation</p>	<p>documentation Notification from USPS that a full service non compliance data report is ready for pickup.</p>

element **NonComplianceDataWithPostageOwedReportQueryResponse**

diagram	<p>The diagram illustrates the structure of the NonComplianceDataWithPostageOwedReportQueryResponse element. It is a container for several components:</p> <ul style="list-style-type: none"> Attributes: A group of attributes including: <ul style="list-style-type: none"> mailxml_defs:LargeTrans... (group) mailxml_defs:MessageGroupID mailxml_defs:TotalMessageCou... mailxml_defs:MessageSerialNu... mailxml_defs:TransmittedRecor... mailxml_defs:TotalRecordsAcro... mailxml_defs>LastMessage (dashed border) Tracking Information: A group of elements including: <ul style="list-style-type: none"> mailxml_dd:TrackingID (dashed border) mailxml_dd:SubmitterTrackingID (dashed border) Query Results: A group of elements including: <ul style="list-style-type: none"> mailxml_dd:QueryResults mailxml_defs:QueryError (with a note: "Error issued when the query data cannot be provided.") <p>The diagram uses standard XML Schema notation: a box with a minus sign for the root element, a box with a square for a group, a box with a circle for a choice, and a box with a plus sign for a sequence. Dashed borders indicate optional elements.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
annotation	<p>documentation</p> <p>Response to the Request for Full Service Non Compliance Data With Postage Owed Report Query Request</p>

element **ScanSTCCount**

diagram	<pre> graph LR Root[ScanSTCCount ScanandSPMCountfor thridpartyreconciliation] --> Group1(()) Root --> Group2(()) Group1 --> CA[mailxml_dd:ConsigneeApptID] Group1 --> LI[mailxml_dd:LogicalIndicator] Group2 --> Group3(()) Group2 --> Group4(()) Group3 --> UL[mailxml_dd:UserLicenseCode] Group3 --> MJ[mailxml_dd:MaildatJobID] Group3 --> CG[mailxml_dd:CustomerGroupID] Group3 --> MG[mailxml_dd:MailingGroupID] Group4 --> IMcb[mailxml_dd:IMcbCount] Group4 --> IMtb[mailxml_dd:IMtbCount] Group4 --> IMpb[mailxml_dd:IMpbCount] Group4 --> IMb[mailxml_dd:IMbCount] Group4 --> P[mailxml_dd:PlannedCount] Group4 --> Paid[mailxml_dd:PaidCount] Group4 --> S[mailxml_dd:ScannedCount] Group4 --> STC[mailxml_dd:STCCount] </pre>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
annotation	documentation ScanandSPMCountfor thridpartyreconciliation

element **ScanSTCReconciliationDelivery**

diagram	<p>ScanSTCReconciliationDelivery</p> <p>Response to the Query request for for full service container visibility information.</p> <p>attributes</p> <ul style="list-style-type: none"> grp mailxml_defs:LargeTrans... 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:eDocSenderCRID</p> <p>mailxml_dd:PushMessageID</p> <p>mailxml_dd:ScanSTCCount 1..∞</p> <p>ScanandSPMCountfor thridpartyreconciliation</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
annotation	<p>documentation</p> <p>Response to the Query request for for full service container visibility information.</p>

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/mailxml26.1/mailxml_dd
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/mailxml26.1/mailxml_dd
annotation	documentation Query request for for full service container visibility information.

element **ScanSTCReconciliationQueryResponse**

diagram	<p>The diagram shows the structure of the ScanSTCReconciliationQueryResponse element. It is a container element with a title bar and a description: "Response to the Query request for for full service container visibility information." The structure includes:</p> <ul style="list-style-type: none"> An attributes group containing: <ul style="list-style-type: none"> A grp mailxml_defs:LargeTrans... group containing: <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 (indicated as optional with a dashed border) A sequence of elements: <ul style="list-style-type: none"> mailxml_dd:TrackingID (optional, dashed border) mailxml_dd:SubmitterTrackingID (optional, dashed border) A choice element containing: <ul style="list-style-type: none"> mailxml_dd:QueryResults (required, solid border) mailxml_defs:QueryError (optional, solid border) <p>Error issued when the query data cannot be provided.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
annotation	documentation Response to the Query request for for full service container visibility information.

element **StartTheClockBEMUBlock**

diagram	<p>The diagram shows the structure of the StartTheClockBEMUBlock element. It is a container element with a title bar and a description: "StartTheClockBEMUBlock". The structure includes:</p> <ul style="list-style-type: none"> A sequence of elements: <ul style="list-style-type: none"> StartTheClockBEMUBlock (required, solid border) mailxml_dd:StartTheClockBEMU (optional, solid border) <p>1..∞</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd

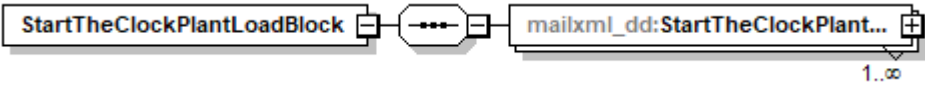
element **StartTheClockDropShipOrOrigin**

diagram




namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
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element
 StartTheClockPlantLoadBlock

diagram	 <p>The diagram shows the StartTheClockPlantLoadBlock element connected via a sequence constraint (two parallel lines) to the mailxml_dd:StartTheClockPlant... element. The mailxml_dd:StartTheClockPlant... element has a cardinality of 1..∞.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd

complexType
 addressCorrectionAddressType

diagram	 <p>The diagram shows the addressCorrectionAddressType complexType connected via a sequence constraint (two parallel lines) to a group of elements. The group is enclosed in a dashed box and contains the following 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, and mailxml_dd:State. Below this group, there is a choice constraint (a circle with a vertical line) that branches into two paths. The first path leads to a sequence constraint (two parallel lines) connecting mailxml_dd:ZipCode and mailxml_dd:ZipCodePlus4. The second path leads to mailxml_dd:DeliveryPoint11Digit....</p>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd

complexType byForConflictType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd

complexType clockStartedType

diagram	<p>The diagram shows a message box labeled clockStartedType connected to a connector box. This connector box is linked via dashed lines to three message boxes on the right, each representing a message from the mailxml_dd namespace:</p> <ul style="list-style-type: none"> mailxml_dd:StartTheClockBEM... (multiplicity 0..∞) mailxml_dd:StartTheClockDrop... (multiplicity 0..∞) mailxml_dd:StartTheClockPlant... (multiplicity 0..∞)
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd

complexType **dqrContainerInfoType**

diagram



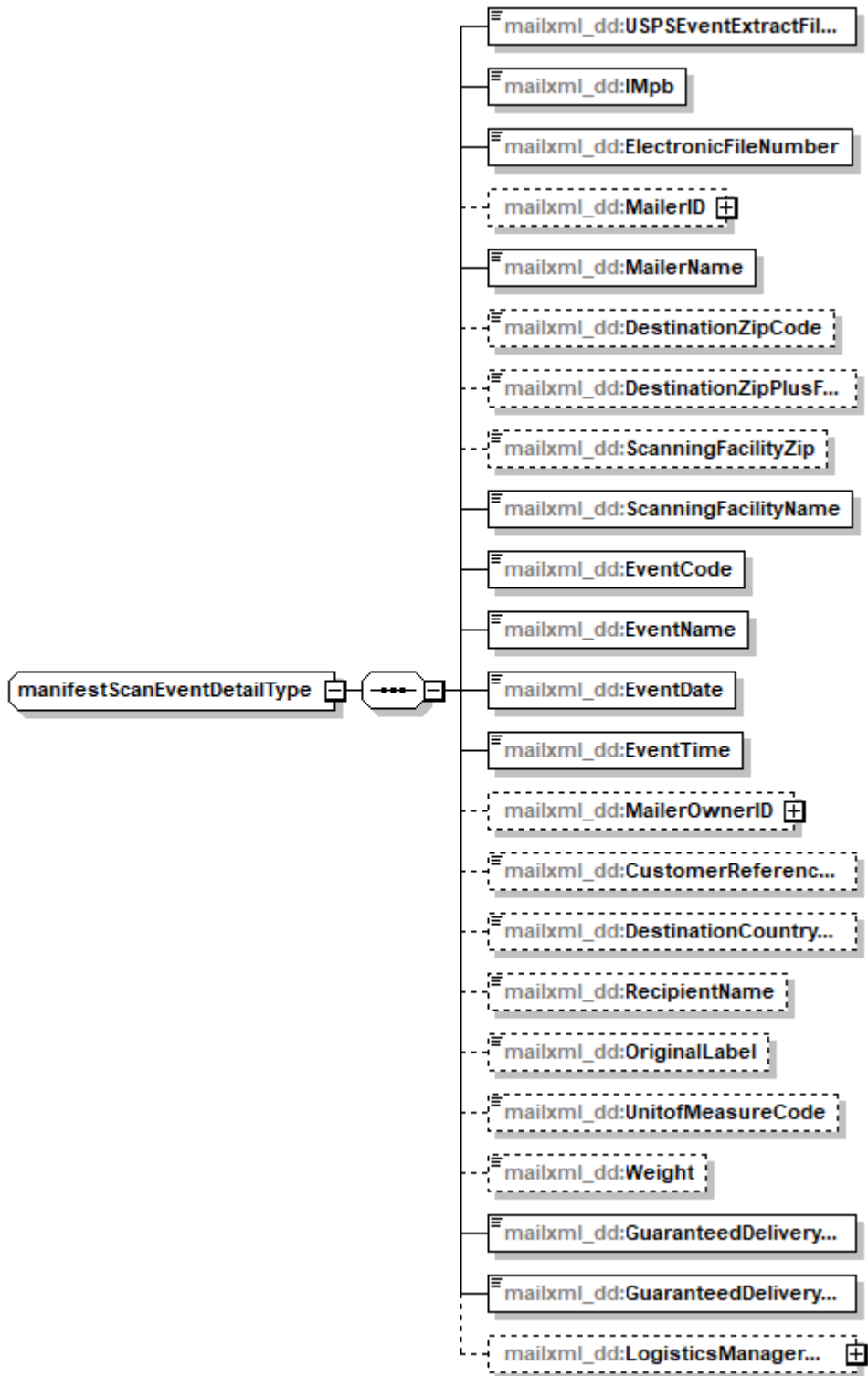
namespace http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd

complexType **foreignAddressType**

diagram	<pre> xsd:complexType name="foreignAddressType"> <xsd:sequence> <xsd:element type="mailxml_dd:AddressLine1"></xsd:element> <xsd:element type="mailxml_dd:AddressLine2"></xsd:element> <xsd:element type="mailxml_dd:AddressLine3"></xsd:element> <xsd:element type="mailxml_dd:City"></xsd:element> <xsd:element type="mailxml_dd:CountryCode"></xsd:element> <xsd:element type="mailxml_dd:Province"></xsd:element> <xsd:element type="mailxml_dd:PostalorZipCode"></xsd:element> <xsd:element type="mailxml_dd:CountryName"></xsd:element> </xsd:sequence> </pre>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd

complexType manifestScanEventDetailType

diagram



namespace

http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd

complexType manifestScanNotificationDataType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd

complexType manifestScanQueryType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd

complexType MPSNotificationDataType

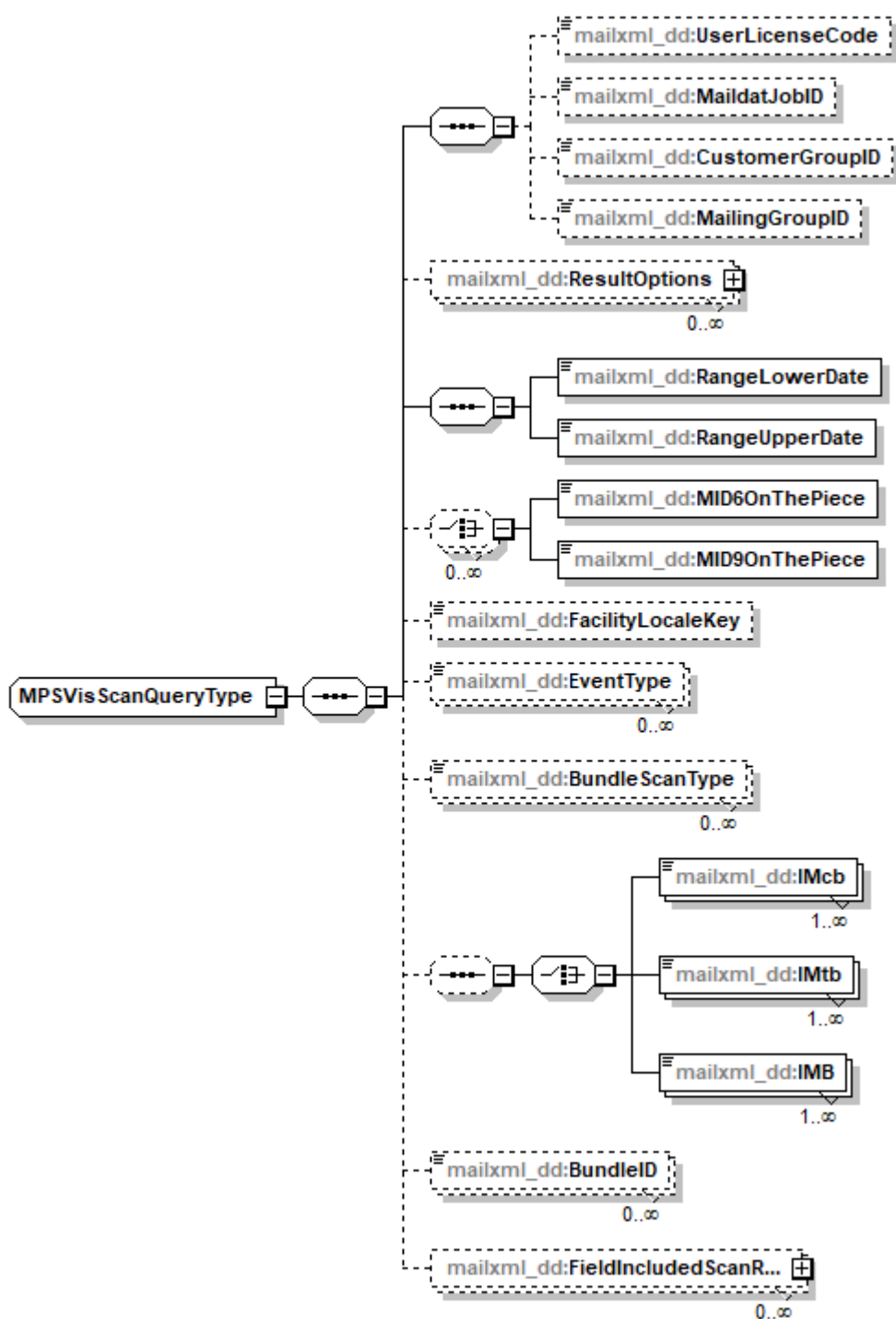
diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd

complexType MPSRResponseBlockType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd

complexType **MPSVisScanQueryType**

diagram



namespace http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd

complexType **newAddressCorrectionAddressType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd

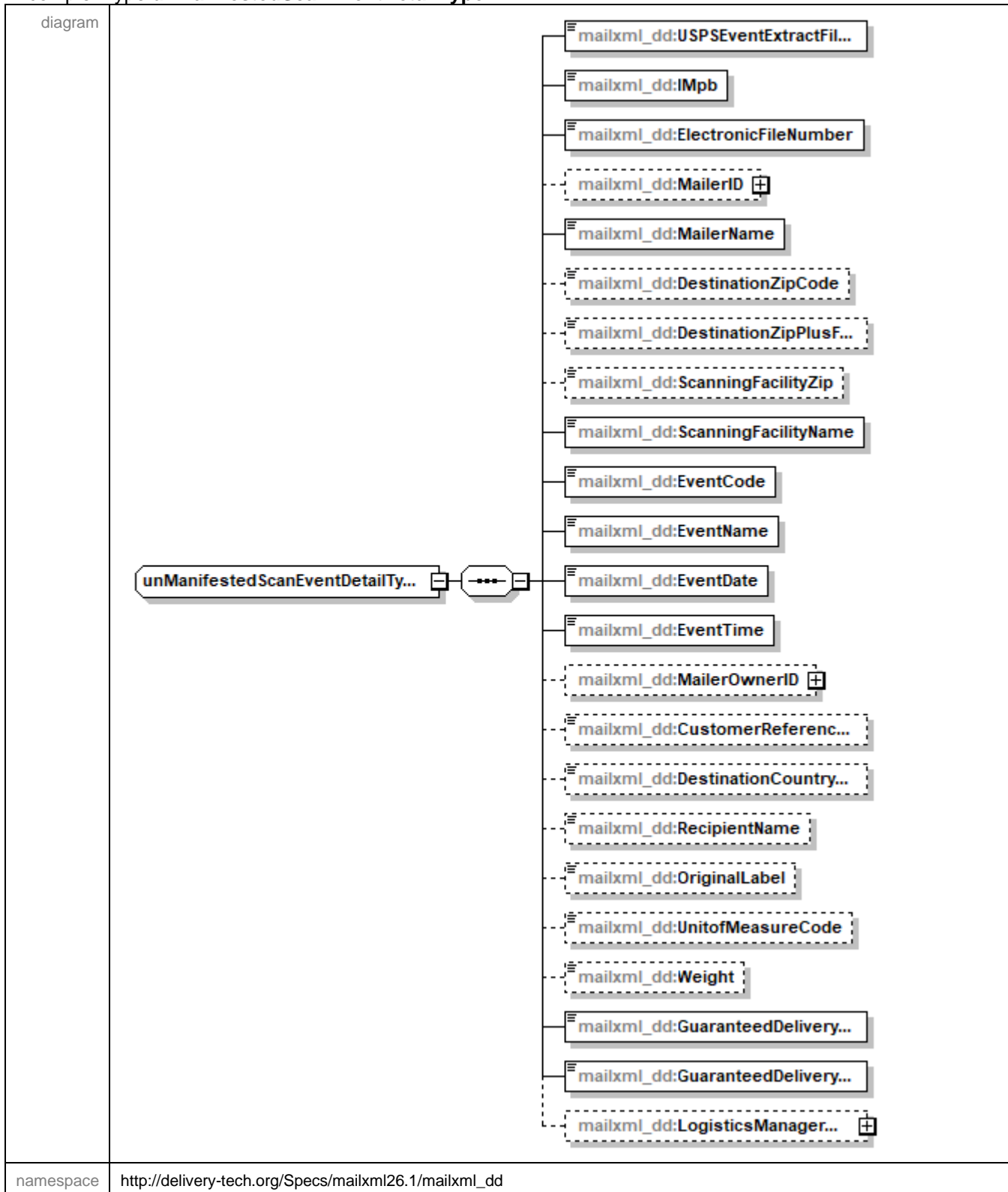
complexType **nonComplianceDataWithPostageOwedReportType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd

complexType **PSRResponseBlockType**

diagram	<pre> xsd:element name="PSRResponseBlockType" type="complexType PSRResponseBlockType"> <div> <div> mailxml_dd:PRID </div> <div> mailxml_dd:IMBLS </div> <div> mailxml_dd:IMBUS </div> <div> mailxml_dd:ServiceTypeCode </div> <div> mailxml_dd:MailClass </div> <div> mailxml_dd:ServiceLevelIndicator </div> <div> mailxml_dd:Mailpiece ScanCount </div> </div> </pre>
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd

complexType **unManifestedScanEventDetailType**



complexType **verificationErrorType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd

simpleType **addressCorrectionMoveType**

namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
type	restriction of xs:string

simpleType **addressTypeType**

namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
type	restriction of xs:string

simpleType **containerScanStateType**

namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
type	restriction of xs:string
annotation	documentation Scan data for Container Scan States

simpleType **deliverabilityCodeType**

namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
type	restriction of xs:string

simpleType **eDocTypeType**

namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
type	restriction of xs:string

simpleType **primarySecondaryIndicatorType**

namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
type	restriction of xs:string

simpleType **verificationErrorTypeType**

namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
type	restriction of xs:string

simpleType **verificationWarningTypeType**

namespace	http://delivery-tech.org/Specs/mailxml26.1/mailxml_dd
type	restriction of xs:string

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