

Mail.XML Version 26.2

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 26.2?

With this release, the Mail.XML Messaging Protocol moves to Version 26.2. This release supports structure changes required by mailing industry and Postal Service.

Changes supported by Mail.XML 26.2 include:

- CR 2615 - Updating characteristicIncentiveType and adding FG for First-Class Growth Incentive Credit Redemption
- CR 2616 - Updating characteristicIncentiveType and adding MG for USPS Marketing Mail Growth Incentive Credit Redemption
- CR 2617 - Updating containerLevelType, and adding AU for Protected Mixed ADC and AV for Protected Mixed NDC

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/mailxml26.2/mailxml"
targetNamespace="http://delivery-tech.org/Specs/mailxml26.2/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/mailxml26.2A/mailxml" then at least one of the XSDs is at same version such as filename ='Mail.XML_26.2A.xsd' <- Errata A
- If the wrapper version is labeled as xmlns:mailxml="http://deliverytech.org/Specs/mailxml26.2B/mailxml" then at least one of the XSDs is at same version such as filename ='Mail.XML_26.2B.xsd' <- Errata B

- If the wrapper version is labeled as xmlns:mailxml="http://deliverytech.org/Specs/mailxml26.2/mailxml" then at least one of the XSDs is at same version such as filename = 'Mail.XML_26.2.xsd' <- Major Version

Mail.XML 26.2 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™ 26.2 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 26.2. Updates in this Specification are NOT backwardly compatible with previous versions. Other documents in the specification set include:

- Mail.XML™ 26.2: Transportation Messaging Specification documents all transportation messages
- Mail.XML™ 26.2: Mailing Messaging Specification documents all mailing messages
- Mail.XML™ 26.2: Informed Visibility Specification documents all informed visibility messages
- Mail.XML™ 26.2: Data Distribution Messaging Specification documents all data distribution messages
- Mail.XML™ 26.2: Identification Messaging Specification documents all identification messages
- Mail.XML™ 26.2: Supply Chain Messaging Specification documents all supply chain messages
- Mail.XML™ 26.2: System Messaging Specification documents all systems and fault messages
- Mail.XML™ 26.2: Simple Types Specification documents all simple types used across Mail.XML messages

- Mail.XML™ 26.2: Common Definitions Specification documents all shared elements and complex
- types.
- Mail.XML™ 26.2: Schemas contains the .XSDs that make up the Mail.XML Messaging Specification

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Schema mailxml_dd_26.2.xsd

schema location: C:\Users\NabilRahman\Desktop\XML SCHEMA UPDATE\26.2\Mail.XML_26.2\MailXML_26.2\XSDs\mailxml_dd_26.2.xsd
attributeFormDefault: **qualified**
elementFormDefault: **qualified**
targetNamespace: **http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd**

Elements

[AddressCorrection](#)

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

[ByForConflictNotification](#)

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[IMbMailpieceScanData](#)

[NixieDetail](#)

[NixieDetailDelivery](#)

[NixieDetailNotification](#)

[NixieDetailQueryRequest](#)

[NixieDetailQueryResponse](#)

[NonComplianceDataWithPostageOwedQueryRequest](#)

[NonComplianceDataWithPostageOwedReportDelivery](#)

[NonComplianceDataWithPostageOwedReportNotification](#)

[NonComplianceDataWithPostageOwedReport](#)

Complex types

[addressCorrectionAddressType](#)

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

[manifestScanNotificationDataType](#)

[manifestScanQueryType](#)

[MPSNotificationDataType](#)

[MPSRResponseBlockType](#)

[MPSVisScanQueryType](#)

[newAddressCorrectionAddressType](#)

[nonComplianceDataWithPostageOwedReportType](#)

[PSRResponseBlockType](#)

[unManifestedScanEventDetailType](#)

[verificationErrorType](#)

Simple types

[addressCorrectionMoveType](#)

[addressTypeType](#)

[containerScanStateType](#)

[deliverabilityCodeType](#)

[eDocTypeType](#)

[primarySecondaryIndicatorType](#)

[verificationErrorTypeType](#)

[verificationWarningType](#)

[eType](#)

[QueryResponse](#)

[ScanSTCCount](#)

[ScanSTCReconciliationDelivery](#)

[ScanSTCReconciliationNotification](#)

[ScanSTCReconciliationQueryRequest](#)

[ScanSTCReconciliationQueryResponse](#)

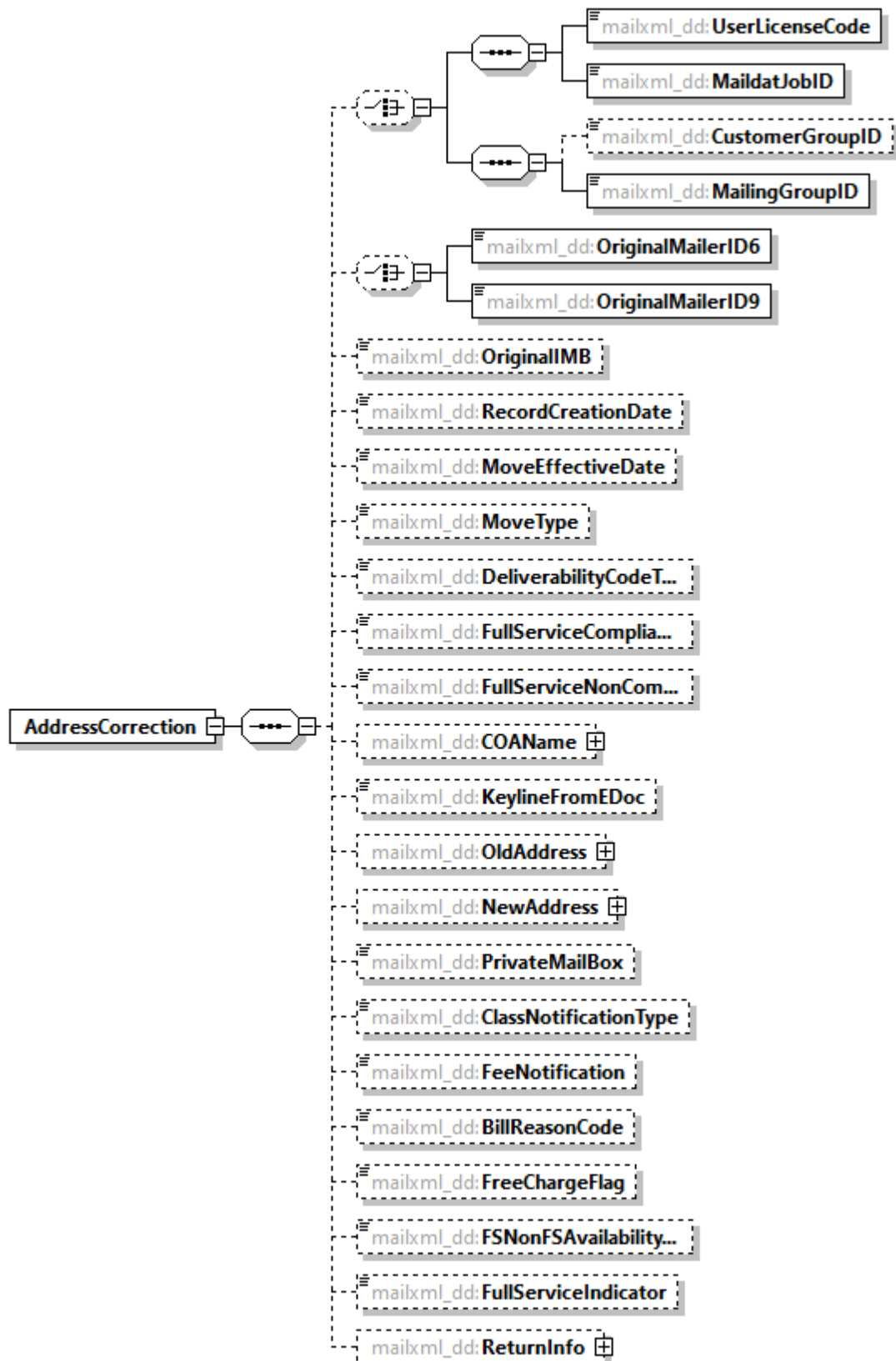
[StartTheClockBEMUBlock](#)

[StartTheClockDropShipOrOrigin](#)

[StartTheClockPlantLoadBlock](#)

element **AddressCorrection**

diagram



namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
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element **AddressCorrectionDelivery**



namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
annotation	documentation Delivery of address correction delivery data from USPS.

element **AddressCorrectionNotification**

diagram	<p>AddressCorrectionNotification Notification from UPSP that address correction data is ready to pick up.</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:FSNonFSAvailability...</p> <p>mailxml_dd:NotificationDate</p> <p>mailxml_dd:AvailableRecordCou...</p>
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
annotation	documentation Notification from UPSP that address correction data is ready to pick up.

element **AddressCorrectionQueryRequest**

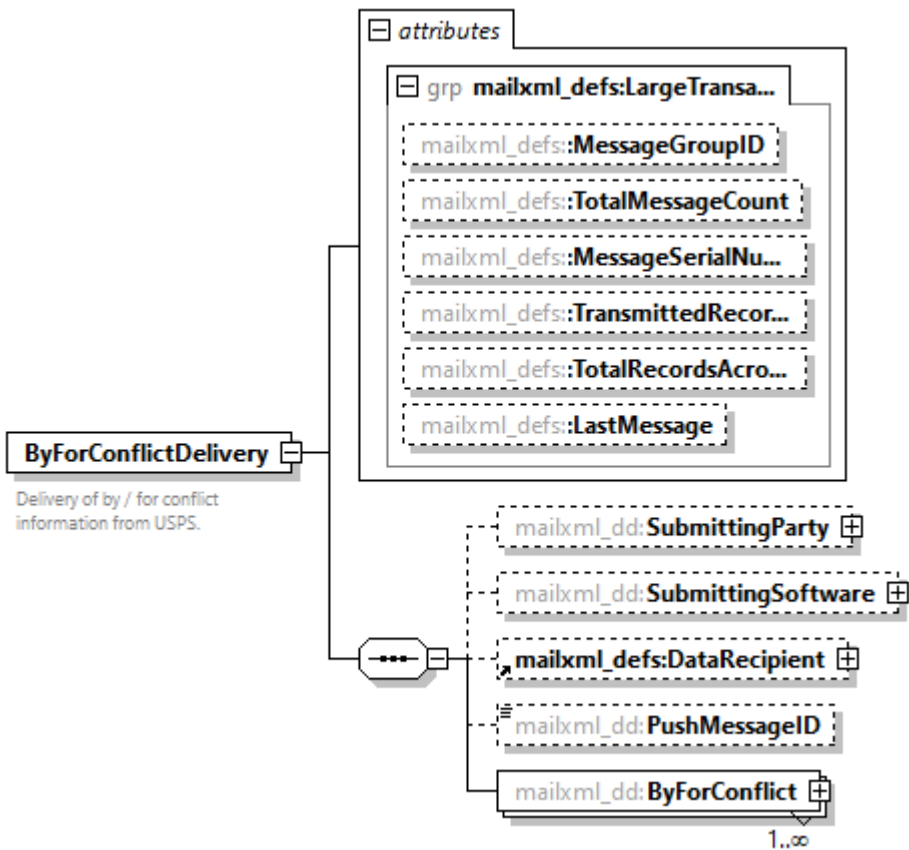
diagram	<p>AddressCorrectionQueryRequ... Query request for full service address correction data.</p> <p>mailxml_dd:SubmittingParty</p> <p>mailxml_dd:SubmittingSoftware</p> <p>mailxml_dd:SubmitterTrackingID</p> <p>mailxml_dd:OwningParty</p> <p>mailxml_dd:PieceRequest</p> <p>1..∞</p> <p>mailxml_dd:retrieveDataBy</p>
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
annotation	documentation Query request for full service address correction data.

element **AddressCorrectionQueryResponse**

<p>diagram</p>	<p>AddressCorrectionQueryRespo... Response to the query request for full service address correction data.</p> <p>attributes</p> <p>grp mailxml_defs:LargeTransa...</p> <ul style="list-style-type: none"> mailxml_defs:MessageGroupID mailxml_defs:TotalMessageCount 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/mailxml26.2/mailxml_dd
annotation	<p>documentation</p> <p>Response to the query request for full service address correction data.</p>

element **ByForConflictDelivery**

diagram



namespace http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd

annotation
documentation
Delivery of by / for conflict information from USPS.

element **ByForConflictNotification**

diagram	<p>The diagram shows the structure of the ByForConflictNotification element. It is a container element (rectangle with a small square on the right) that contains a sequence of three optional elements (octagons with a dashed line and a small square on the right):</p> <ul style="list-style-type: none"> mailxml_dd:SubmittingParty (dashed box) mailxml_dd:SubmittingSoftware (dashed box) mailxml_dd:PushMessageID (dashed box) <p>Following these is a choice element (rectangle with a dashed line and a small square on the right) that contains two optional elements (octagons with a dashed line and a small square on the right):</p> <ul style="list-style-type: none"> mailxml_dd:UserLicenseCode (solid box) mailxml_dd:MaildatJobID (solid box) <p>Below the choice element is another choice element (rectangle with a dashed line and a small square on the right) that contains two optional elements (octagons with a dashed line and a small square on the right):</p> <ul style="list-style-type: none"> mailxml_dd:CustomerGroupID (solid box) mailxml_dd:MailingGroupID (solid box) <p>Finally, there are three optional elements (octagons with a dashed line and a small square on the right) at the bottom:</p> <ul style="list-style-type: none"> mailxml_dd:FSNonFSAAvailability... (solid box) mailxml_dd:NotificationDate (solid box) mailxml_dd:AvailableRecordCou... (solid box) <p>The element is described as: Notification from USPS that a by / for conflict resolution is ready for pickup.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
annotation	documentation Notification from USPS that a by / for conflict resolution is ready for pickup.

element **ByForConflictQueryRequest**

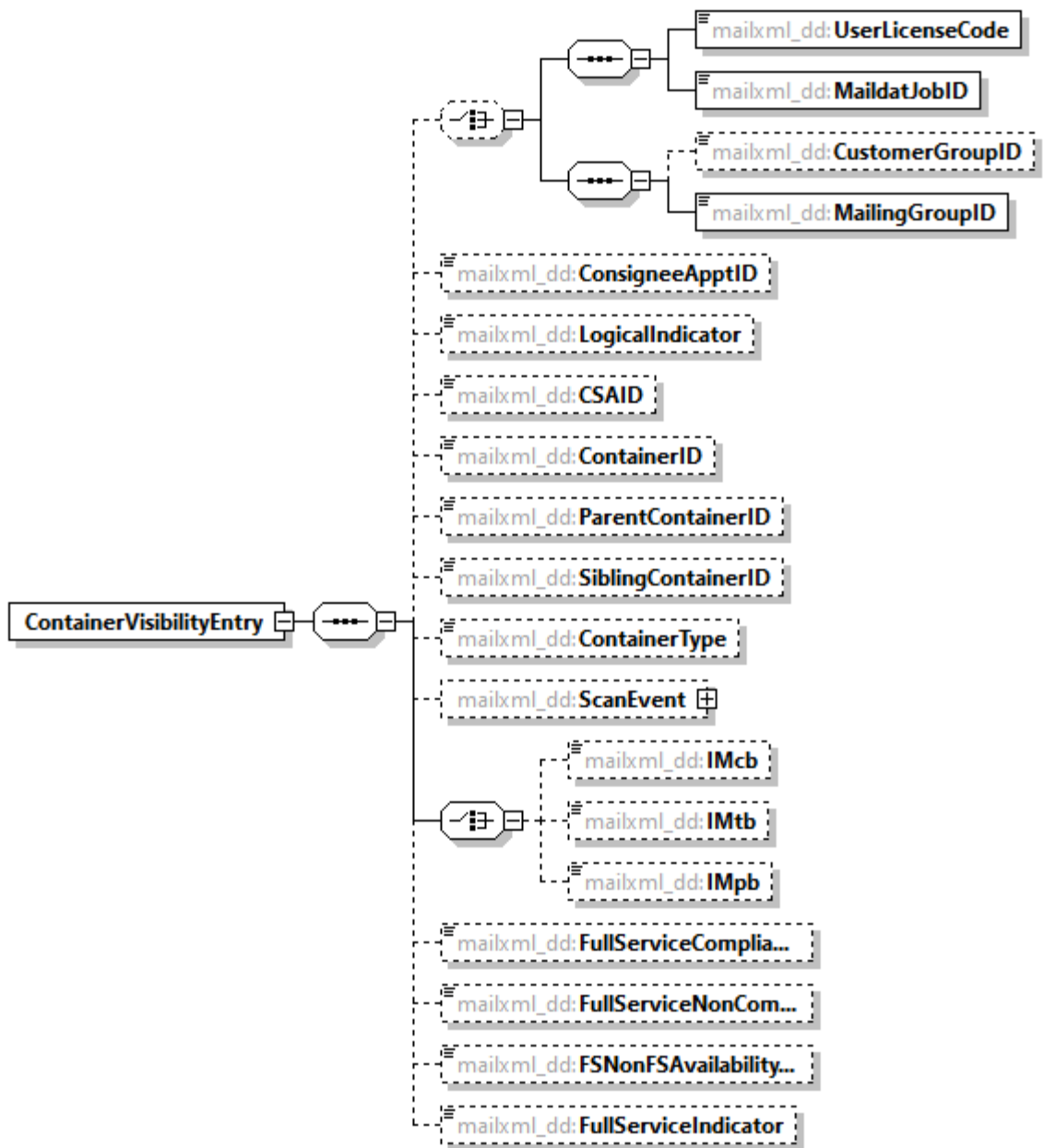
diagram	<p>The diagram shows the structure of the ByForConflictQueryRequest element. It is a container element (rectangle with a small square on the right) that contains a sequence of three optional elements (octagons with a dashed line and a small square on the right):</p> <ul style="list-style-type: none"> mailxml_dd:SubmittingParty (dashed box) mailxml_dd:SubmittingSoftware (dashed box) mailxml_dd:SubmitterTrackingID (dashed box) <p>Following these is a choice element (rectangle with a dashed line and a small square on the right) that contains two optional elements (octagons with a dashed line and a small square on the right):</p> <ul style="list-style-type: none"> mailxml_dd:UserLicenseCode (solid box) mailxml_dd:MaildatJobID (solid box) <p>Below the choice element is another choice element (rectangle with a dashed line and a small square on the right) that contains two optional elements (octagons with a dashed line and a small square on the right):</p> <ul style="list-style-type: none"> mailxml_dd:CustomerGroupID (dashed box) mailxml_dd:MailingGroupID (solid box) <p>Finally, there is one optional element (octagon with a dashed line and a small square on the right) at the bottom:</p> <ul style="list-style-type: none"> mailxml_dd:retrieveDataBy (solid box) <p>The element is described as: Query request for by(preparer) / for(owner) conflicts information in edocs.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
annotation	documentation Query request for by(preparer) / for(owner) conflicts information in edocs.

element **ByForConflictQueryResponse**

<p>diagram</p>	<p>ByForConflictQueryResponse Response to the query by(preparer) / for(owner) conflicts information in edocs.</p> <p>attributes</p> <p>grp mailxml_defs:LargeTransa...</p> <ul style="list-style-type: none"> mailxml_defs:MessageGroupID mailxml_defs:TotalMessageCount 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/mailxml26.2/mailxml_dd
annotation	<p>documentation</p> <p>Response to the query by(preparer) / for(owner) conflicts information in edocs.</p>

element **ContainerVisibilityEntry**

diagram



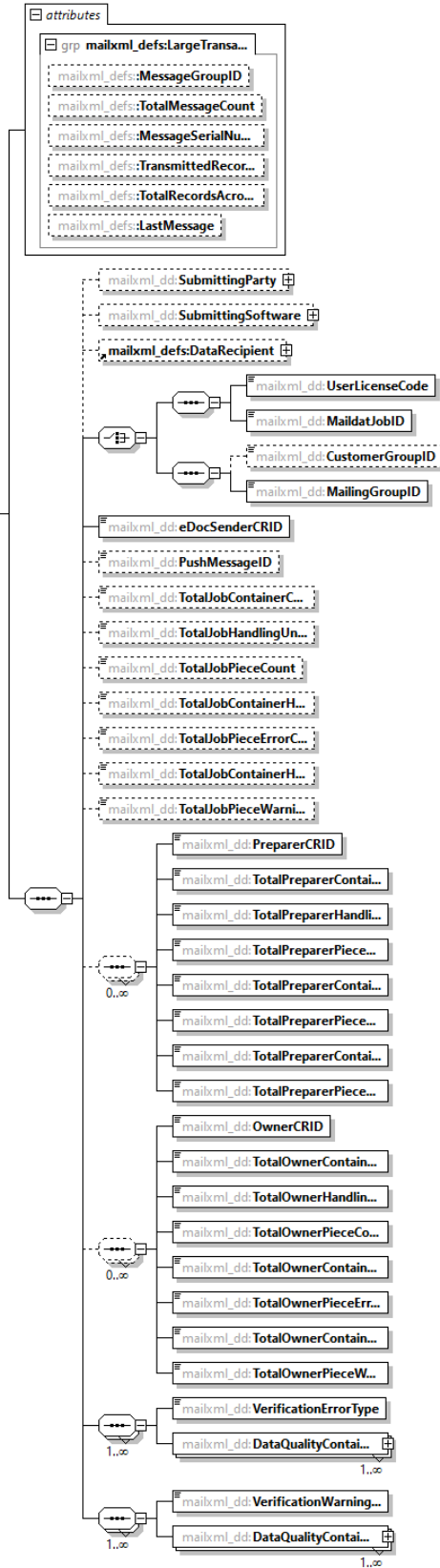
namespace

http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd

element **DataQualityVerificationReportDelivery**

diagram

DataQualityVerificationReport...
Delivery Message should be similar to FullServiceDataQualityVerificationQueryResponse. 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



namespace	http://delivery-tech.org/Specs/mailxml26.2/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	<p>DataQualityVerificationReport... Notification from USPS that a full service data quality verification report is ready for pickup.</p> <ul style="list-style-type: none">mailxml_dd:SubmittingParty (optional)mailxml_dd:SubmittingSoftware (optional)mailxml_dd:PushMessageID (optional)Choice of two groups (each optional):<ul style="list-style-type: none">Group 1: mailxml_dd:UserLicenseCode, mailxml_dd:MaildatJobIDGroup 2: mailxml_dd:CustomerGroupID, mailxml_dd:MailingGroupIDmailxml_dd:eDocSenderCRID (optional)mailxml_dd:VerificationErrorType (1..∞)mailxml_dd:VerificationWarning... (1..∞)mailxml_dd:FSNonFSAvailability...mailxml_dd:NotificationDatemailxml_dd:AvailableRecordCou...
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
annotation	documentation Notification from USPS that a full service data quality verification report is ready for pickup.

element **DataQualityVerificationReportQueryRequest**

<p>diagram</p>	
<p>namespace</p>	<p>http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd</p>
<p>annotation</p>	<p>documentation Query request for full service data quality request.</p>

element **DataQualityVerificationReportQueryResponse**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
annotation	<p>documentation</p> <p>Response to the Request for Full Service Data Quality Verification Reports</p>

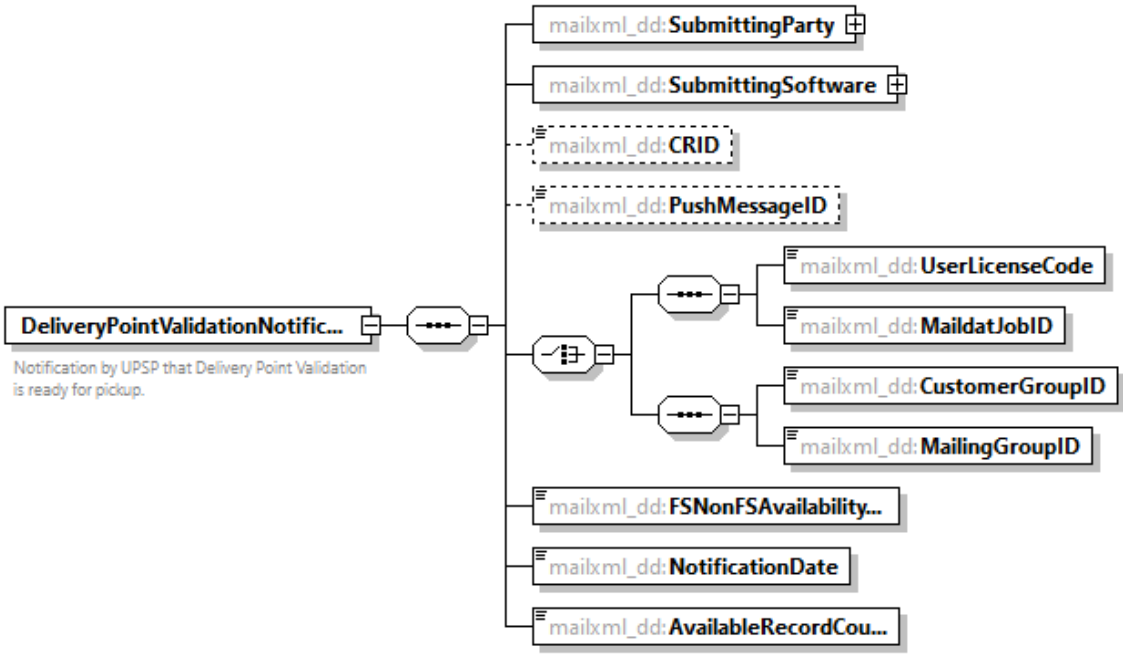
element **DeliveryPointValidation**

<p>diagram</p>	<pre> xsd:element name="DeliveryPointValidation" base="base" { choice { choice { mailxml_dd:OriginalMailerID6 mailxml_dd:OriginalMailerID9 } choice { mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID } } choice { mailxml_dd:InvalidDeliveryPoin... mailxml_dd:PrimarySecondary... mailxml_dd:DPVDataRecipientC... mailxml_dd:FullServiceComplia... mailxml_dd:FullServiceNonCom... } choice { mailxml_dd:FullServiceIndicator mailxml_dd:FSNonFSAvailability... mailxml_dd:ReturnInfo } } </pre>
<p>namespace</p>	<p>http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd</p>

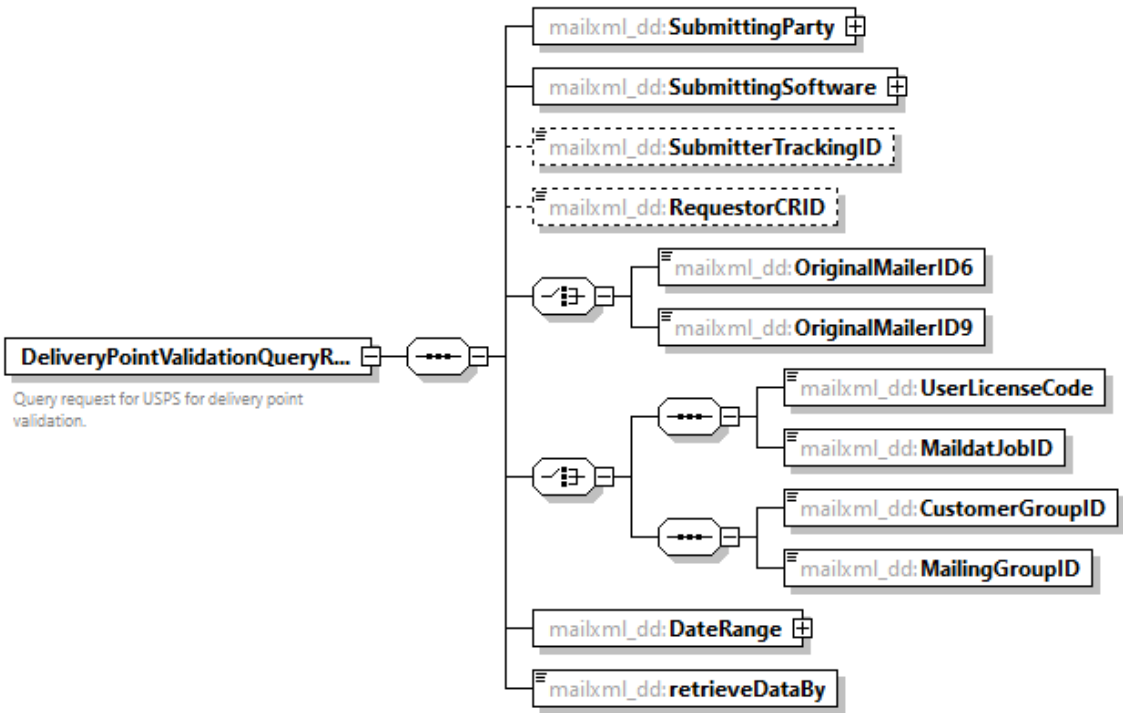
element **DeliveryPointValidationDelivery**

<p>diagram</p>	
namespace	<p>http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd</p>
annotation	<p>documentation Delivery of Delivery Point Validation by USPS.</p>

element **DeliveryPointValidationNotification**

diagram	 <p>The diagram shows the structure of the DeliveryPointValidationNotification element. It is a container element (rectangle with a small square on the left) containing a sequence of elements (indicated by a horizontal line with three dots). The elements are:</p> <ul style="list-style-type: none"> mailxml_dd:SubmittingParty (required, indicated by a plus sign in a square) mailxml_dd:SubmittingSoftware (required, indicated by a plus sign in a square) mailxml_dd:CRID (optional, indicated by a dashed border) mailxml_dd:PushMessageID (optional, indicated by a dashed border) A choice element (octagon with a vertical line) containing two groups: <ul style="list-style-type: none"> Group 1 (rectangle with a horizontal line): <ul style="list-style-type: none"> mailxml_dd:UserLicenseCode (required) mailxml_dd:MaildatJobID (required) Group 2 (rectangle with a horizontal line): <ul style="list-style-type: none"> mailxml_dd:CustomerGroupID (required) mailxml_dd:MailingGroupID (required) mailxml_dd:FSNonFSAAvailability... (required) mailxml_dd:NotificationDate (required) mailxml_dd:AvailableRecordCou... (required) <p>Notification by UPSP that Delivery Point Validation is ready for pickup.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
annotation	<p>documentation</p> <p>Notification by UPSP that Delivery Point Validation is ready for pickup.</p>

element **DeliveryPointValidationQueryRequest**

diagram	 <p>The diagram shows the structure of the DeliveryPointValidationQueryRequest element. It is a container element (rectangle with a small square on the left) containing a sequence of elements (indicated by a horizontal line with three dots). The elements are:</p> <ul style="list-style-type: none"> mailxml_dd:SubmittingParty (required, indicated by a plus sign in a square) mailxml_dd:SubmittingSoftware (required, indicated by a plus sign in a square) mailxml_dd:SubmitterTrackingID (optional, indicated by a dashed border) mailxml_dd:RequestorCRID (optional, indicated by a dashed border) A choice element (octagon with a vertical line) containing two groups: <ul style="list-style-type: none"> Group 1 (rectangle with a horizontal line): <ul style="list-style-type: none"> mailxml_dd:OriginalMailerID6 (required) mailxml_dd:OriginalMailerID9 (required) Group 2 (rectangle with a horizontal line): <ul style="list-style-type: none"> mailxml_dd:UserLicenseCode (required) mailxml_dd:MaildatJobID (required) A choice element (octagon with a vertical line) containing two groups: <ul style="list-style-type: none"> Group 1 (rectangle with a horizontal line): <ul style="list-style-type: none"> mailxml_dd:CustomerGroupID (required) mailxml_dd:MailingGroupID (required) Group 2 (rectangle with a horizontal line): <ul style="list-style-type: none"> mailxml_dd:CustomerGroupID (required) mailxml_dd:MailingGroupID (required) mailxml_dd:DateRange (required) mailxml_dd:retrieveDataBy (required) <p>Query request for USPS for delivery point validation.</p>
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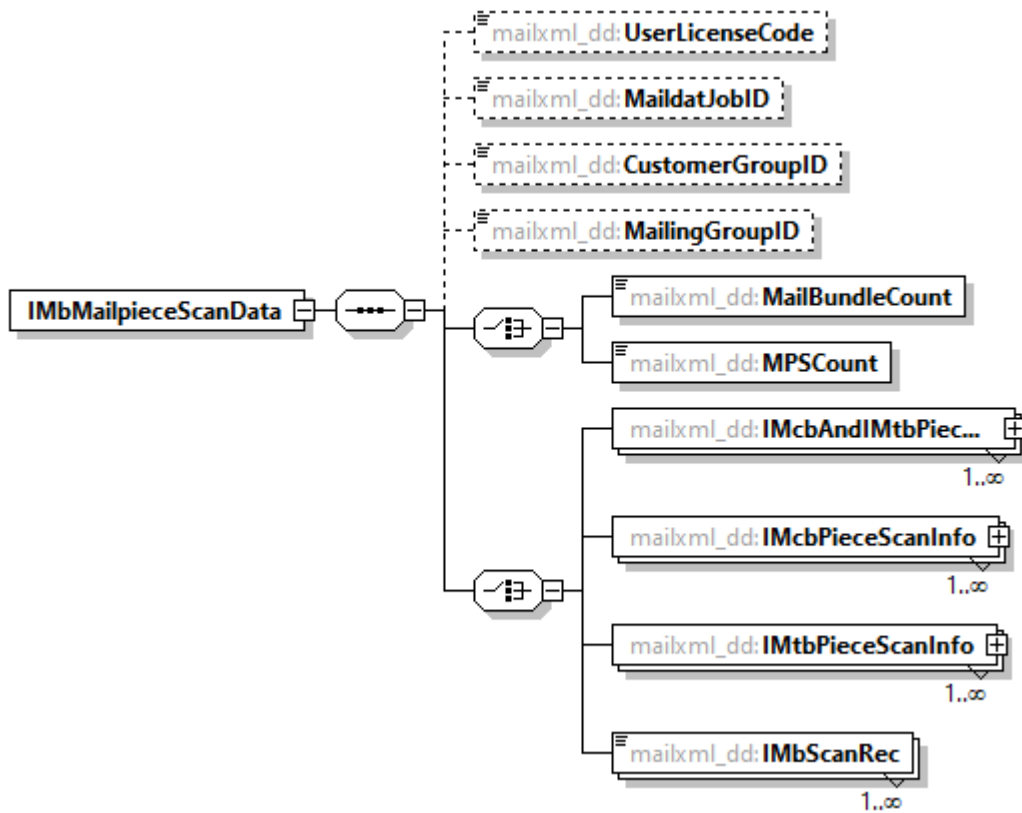
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
annotation	documentation Query request for USPS for delivery point validation.

element **DeliveryPointValidationQueryResponse**

diagram	<p>The diagram illustrates the structure of the DeliveryPointValidationQueryResponse element. It features a main box labeled DeliveryPointValidationQueryR... with the description "Response to the Query request for USPS for delivery point validation." This box is connected to a large container labeled attributes. Inside the attributes container, there is a group box labeled grp mailxml_defs:LargeTransa... which contains several sub-elements: mailxml_defs:MessageGroupID, mailxml_defs:TotalMessageCount, mailxml_defs:MessageSerialNu..., mailxml_defs:TransmittedRecor..., mailxml_defs:TotalRecordsAcro..., and mailxml_defs>LastMessage (the last one is dashed). Below the attributes container, there is a dashed box labeled mailxml_dd:TrackingID and another dashed box labeled mailxml_dd:SubmitterTrackingID. These are connected to a box labeled mailxml_dd:QueryResults and a box labeled mailxml_defs:QueryError (the last one is dashed). The QueryError box has the description "Error issued when the query data cannot be provided."</p>
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
annotation	documentation Response to the Query request for USPS for delivery point validation.

element **IMbMailpieceScanData**

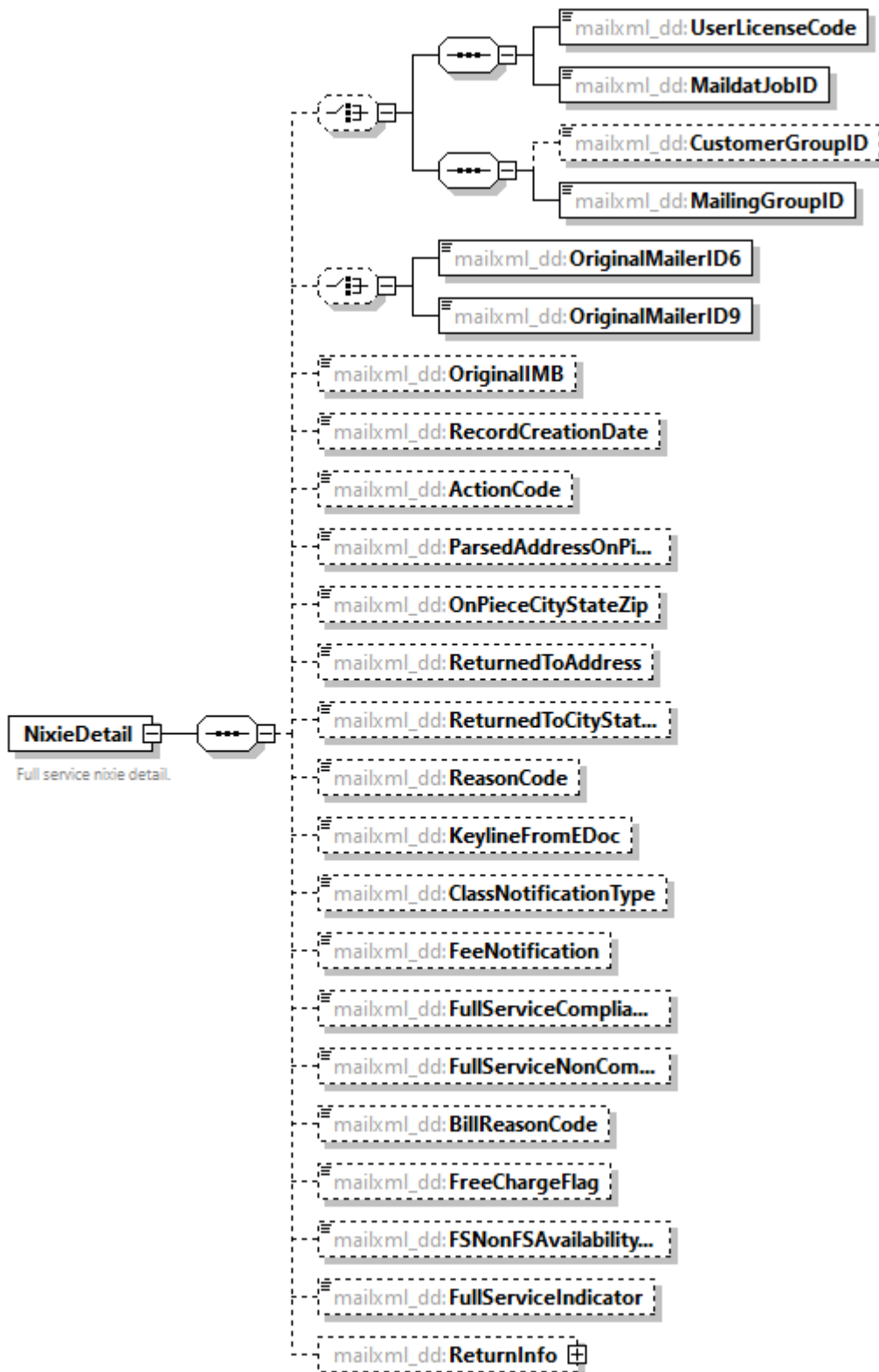
diagram



namespace http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd

element **NixieDetail**

diagram



namespace http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd

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

element **NixieDetailDelivery**

<div> <div>diagram</div> </div>	
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
annotation	documentation Delivery from USPS of full service nixie detail.

element **NixieDetailNotification**

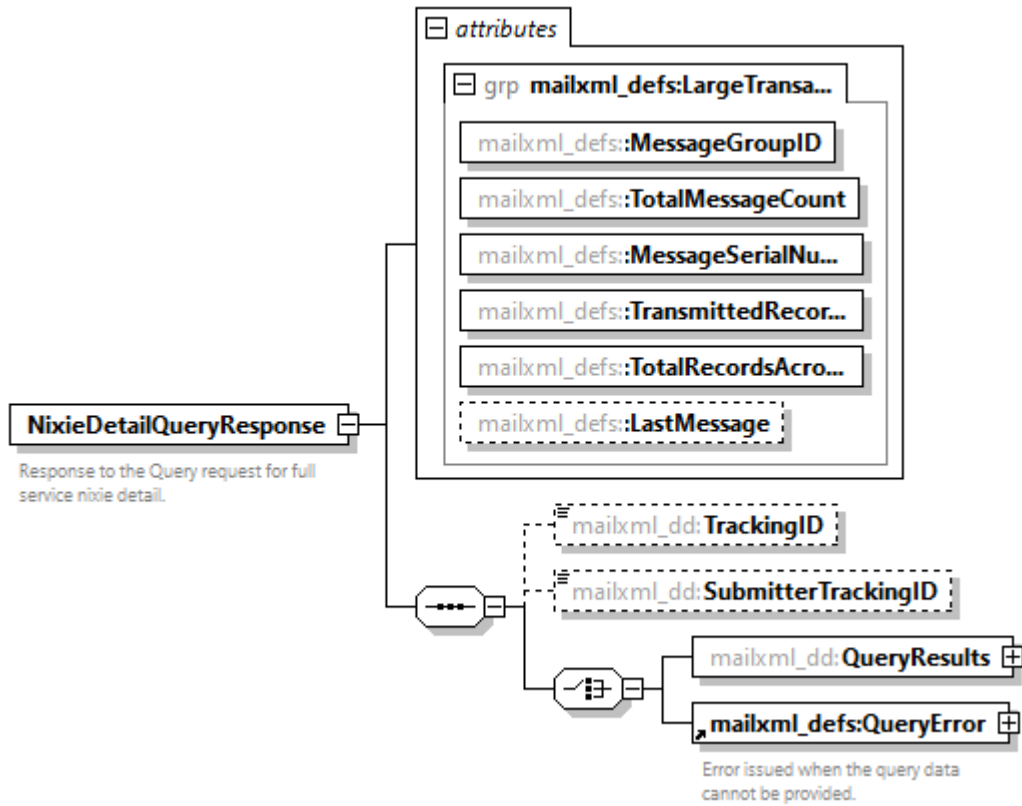
diagram	<p>NixieDetailNotification Notification by USPS that full service nixie detail is ready for pickup.</p> <ul style="list-style-type: none"> mailxml_dd:SubmittingParty (optional) mailxml_dd:SubmittingSoftware (optional) mailxml_dd:CRID (optional) mailxml_dd:PushMessageID (optional) Choice: <ul style="list-style-type: none"> mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:FSNonFSAvailability... mailxml_dd:NotificationDate mailxml_dd:AvailableRecordCou...
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
annotation	documentation Notification by USPS that full service nixie detail is ready for pickup.

element **NixieDetailQueryRequest**

diagram	<p>NixieDetailQueryRequest Query request for full service nixie detail.</p> <ul style="list-style-type: none"> mailxml_dd:SubmittingParty (optional) mailxml_dd:SubmittingSoftware (optional) mailxml_dd:SubmitterTrackingID (optional) mailxml_dd:RequestorCRID (optional) Choice: <ul style="list-style-type: none"> mailxml_dd:OriginalMailerID6 mailxml_dd:OriginalMailerID9 mailxml_dd:PieceRequest (optional, 1..∞) mailxml_dd:retrieveDataBy
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
annotation	documentation Query request for full service nixie detail.

element **NixieDetailQueryResponse**

diagram



namespace http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd

annotation
documentation
Response to the Query request for full service nixie detail.

element **NonComplianceDataWithPostageOwedQueryRequest**

diagram	<p>NonComplianceDataWithPosta... Query request for full service Non Compliance Data reports.</p> <ul style="list-style-type: none"> mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_dd:SubmitterTrackingID Complex choice of two groups: <ul style="list-style-type: none"> Group 1: mailxml_dd:UserLicenseCode, mailxml_dd:MaildatJobID Group 2: mailxml_dd:CustomerGroupID, mailxml_dd:MailingGroupID mailxml_dd:eDocSenderCRID mailxml_dd:StartDate mailxml_dd:EndDate mailxml_dd:retrieveDataBy mailxml_dd:VerificationErrorType (1..∞)
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
annotation	documentation Query request for full service Non Compliance Data reports.

element **NonComplianceDataWithPostageOwedReportDelivery**

diagram	<p>NonComplianceDataWithPosta... Delivery of by / for conflict information from USPS.</p> <p>attributes</p> <p>grp mailxml_defs:LargeTransa...</p> <ul style="list-style-type: none"> mailxml_defs:MessageGroupID mailxml_defs:TotalMessageCount 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:NonComplianceDa... (1..∞) mailxml_dd:FSNonFSAAvailability... mailxml_dd:FullServiceIndicator
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
annotation	<p>documentation</p> <p>Delivery of by / for conflict information from USPS.</p>

element **NonComplianceDataWithPostageOwedReportNotification**

<p>diagram</p>	<p>The diagram illustrates the structure of the NonComplianceDataWithPostageOwedReportNotification element. It is a complex type containing several other elements. The root element is NonComplianceDataWithPostageOwedReportNotification, which has a description: "Notification from USPS that a full service non compliance data report is ready for pickup." This element contains a sequence of elements: 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:FSNonFSAvailability..., mailxml_dd:NotificationDate, and mailxml_dd:AvailableRecordCou....</p>
<p>namespace</p>	<p>http://delivery-tech.org/Specs/mailxml26.2/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**

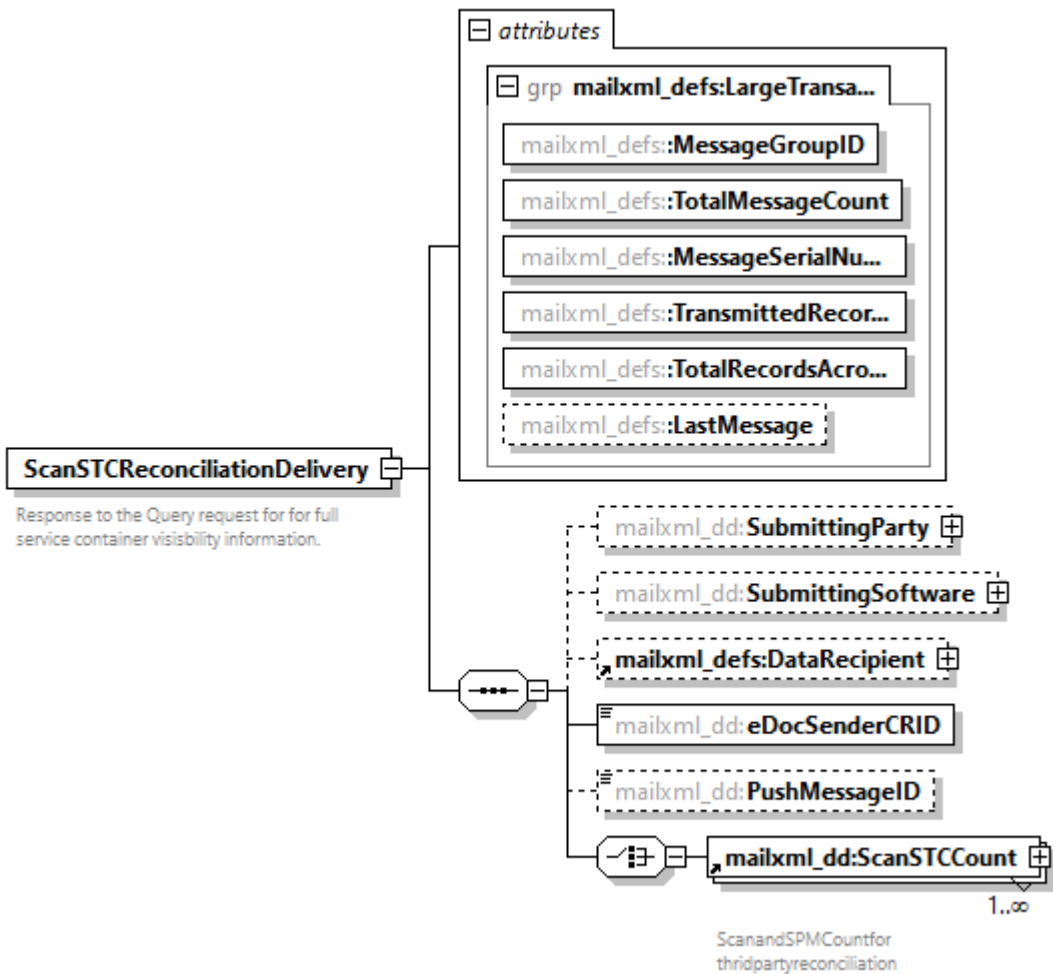
diagram	<p>NonComplianceDataWithPosta...</p> <p>Response to the Request for Full Service Non Compliance Data With Postage Owed Report Query Request</p> <p>attributes</p> <p>grp mailxml_defs:LargeTransa...</p> <ul style="list-style-type: none"> mailxml_defs::MessageGroupID mailxml_defs::TotalMessageCount mailxml_defs::MessageSerialNu... mailxml_defs::TransmittedRecor... mailxml_defs::TotalRecordsAcro... <p>mailxml_defs::LastMessage</p> <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/mailxml26.2/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] --> S1(()) S1 --> C1(()) S1 --> C2(()) S1 --> S2[mailxml_dd:ConsigneeApptID] S1 --> S3[mailxml_dd:LogicalIndicator] S1 --> S4[mailxml_dd:IMcbCount mailxml_dd:IMtbCount mailxml_dd:IMpbCount mailxml_dd:IMbCount] S1 --> C3(()) C3 --> S5[mailxml_dd:PlannedCount mailxml_dd:PaidCount] C3 --> S6[mailxml_dd:ScannedCount mailxml_dd:STCCount] C1 --> S7[mailxml_dd:UserLicenseCode] C1 --> S8[mailxml_dd:MaildatJobID] C2 --> S9[mailxml_dd:CustomerGroupID] C2 --> S10[mailxml_dd:MailingGroupID] </pre>
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
annotation	documentation ScanandSPMCountfor thridpartyreconciliation

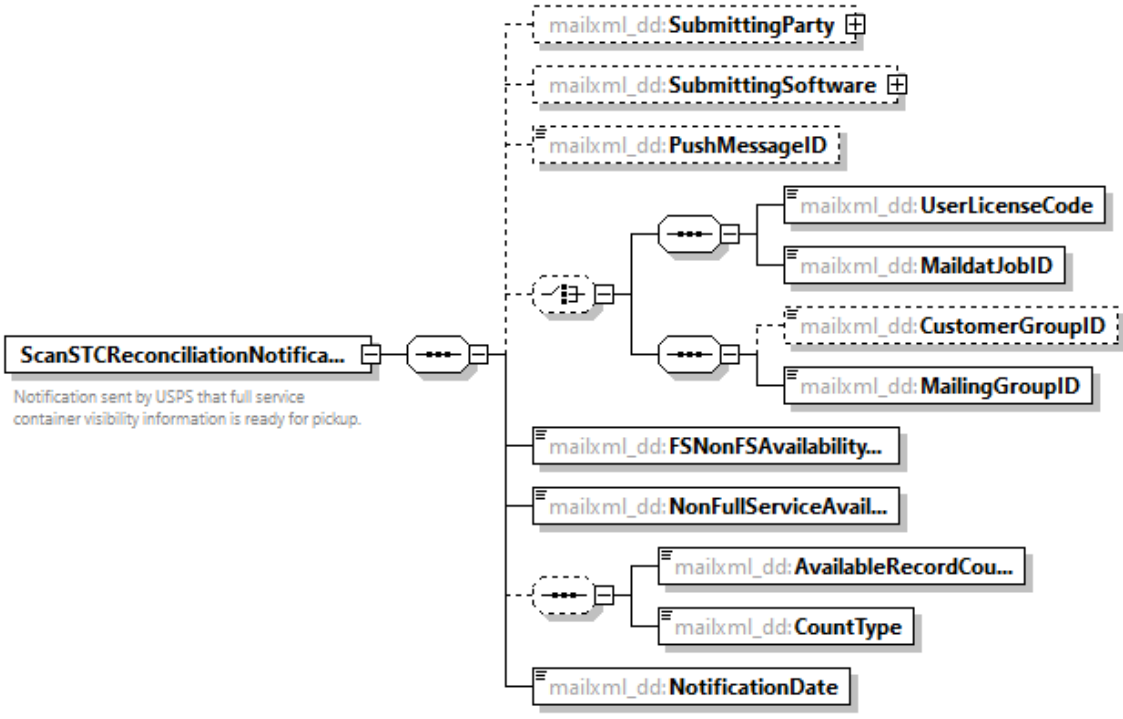
element **ScanSTCReconciliationDelivery**

diagram

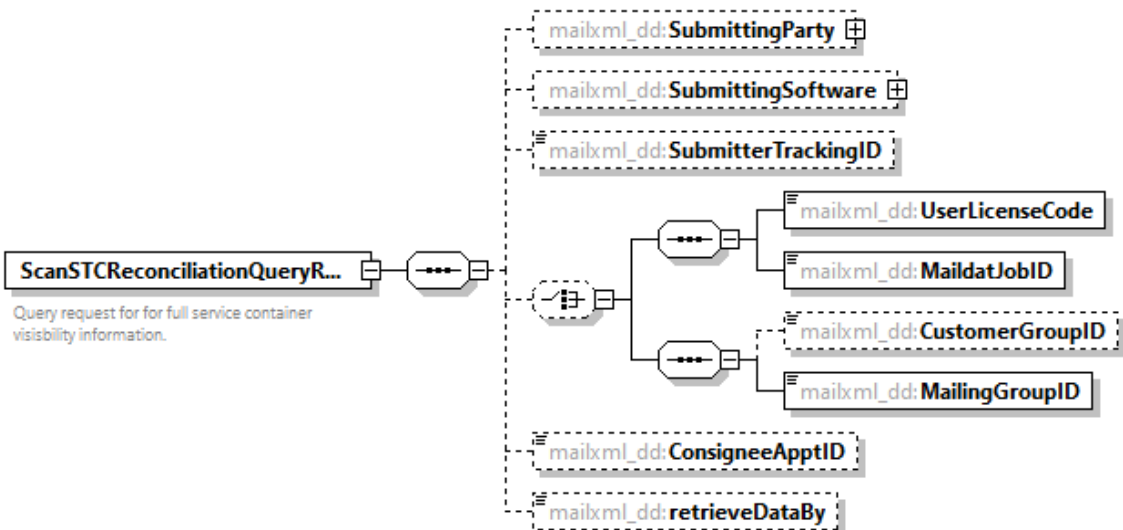


namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
annotation	documentation Response to the Query request for for full service container visibility information.

element **ScanSTCReconciliationNotification**

diagram	 <p>The diagram shows the structure of the ScanSTCReconciliationNotification element. It is a container element (rectangle with a small square icon) that contains a sequence of child elements (ovals with three dots). The children are: <ul style="list-style-type: none"> mailxml_dd:SubmittingParty (dashed border) mailxml_dd:SubmittingSoftware (dashed border) mailxml_dd:PushMessageID (dashed border) A choice element (rectangle with a circle icon) containing two branches: <ul style="list-style-type: none"> mailxml_dd:UserLicenseCode (solid border) mailxml_dd:MaildatJobID (solid border) A choice element (rectangle with a circle icon) containing two branches: <ul style="list-style-type: none"> mailxml_dd:CustomerGroupID (dashed border) mailxml_dd:MailingGroupID (solid border) mailxml_dd:FSNonFSAAvailability... (solid border) mailxml_dd:NonFullServiceAvail... (solid border) A choice element (rectangle with a circle icon) containing two branches: <ul style="list-style-type: none"> mailxml_dd:AvailableRecordCou... (solid border) mailxml_dd:CountType (solid border) mailxml_dd:NotificationDate (solid border) </p>
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
annotation	documentation Notification sent by USPS that full service container visibility information is ready for pickup.

element **ScanSTCReconciliationQueryRequest**

diagram	 <p>The diagram shows the structure of the ScanSTCReconciliationQueryRequest element. It is a container element (rectangle with a small square icon) that contains a sequence of child elements (ovals with three dots). The children are: <ul style="list-style-type: none"> mailxml_dd:SubmittingParty (dashed border) mailxml_dd:SubmittingSoftware (dashed border) mailxml_dd:SubmitterTrackingID (dashed border) A choice element (rectangle with a circle icon) containing two branches: <ul style="list-style-type: none"> mailxml_dd:UserLicenseCode (solid border) mailxml_dd:MaildatJobID (solid border) A choice element (rectangle with a circle icon) containing two branches: <ul style="list-style-type: none"> mailxml_dd:CustomerGroupID (dashed border) mailxml_dd:MailingGroupID (solid border) mailxml_dd:ConsigneeApptID (dashed border) mailxml_dd:retrieveDataBy (dashed border) </p>
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
annotation	documentation Query request for for full service container visibility information.

element **ScanSTCReconciliationQueryResponse**

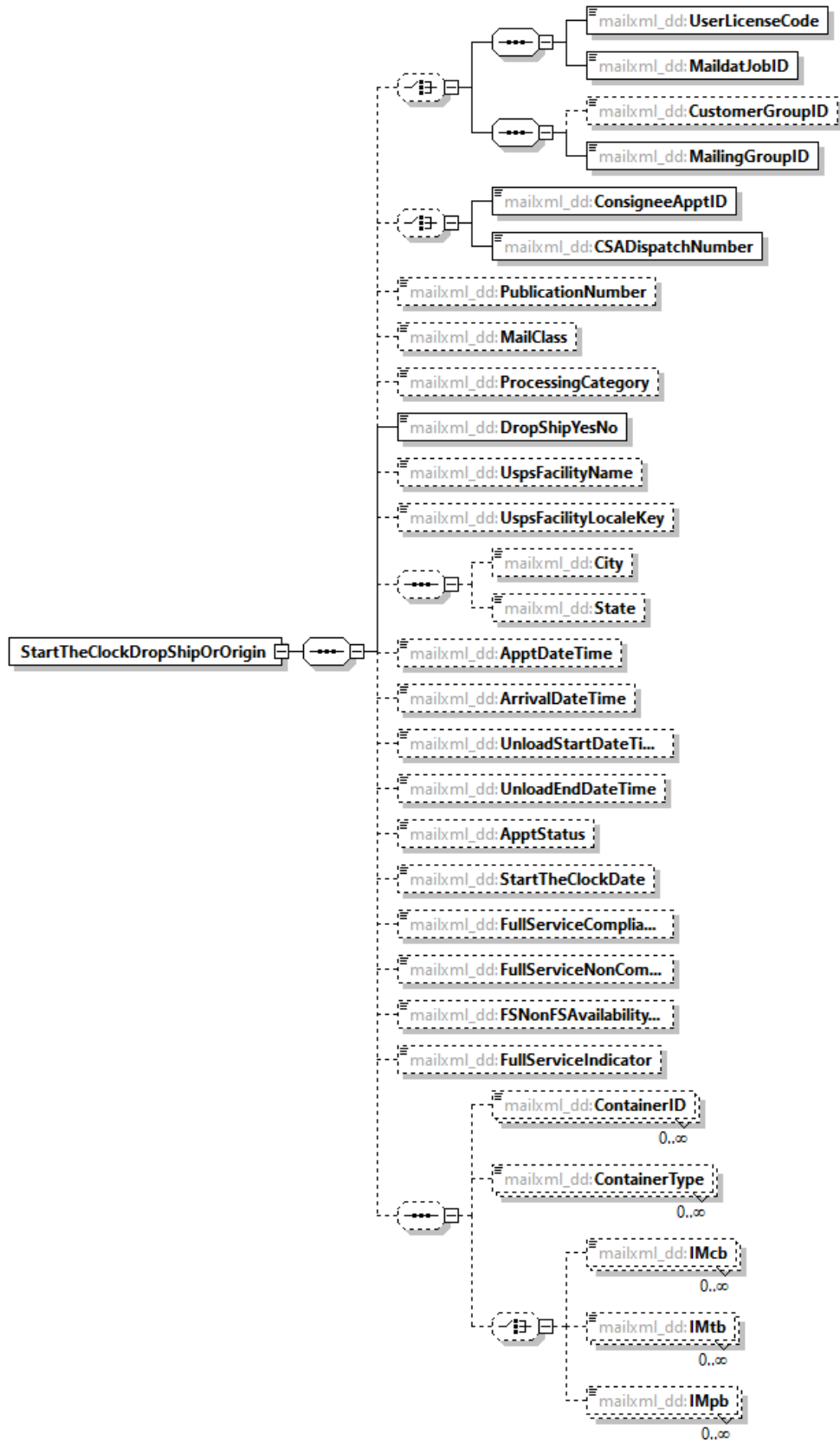
diagram	<p>The diagram illustrates the structure of the ScanSTCReconciliationQueryResponse element. It is a container element with a description: "Response to the Query request for for full service container visibility information." The structure is as follows:</p> <ul style="list-style-type: none"> Attributes: A group labeled grp mailxml_defs:LargeTransa... containing: <ul style="list-style-type: none"> mailxml_defs:MessageGroupID mailxml_defs:TotalMessageCount mailxml_defs:MessageSerialNu... mailxml_defs:TransmittedRecor... mailxml_defs:TotalRecordsAcro... mailxml_defs>LastMessage (indicated as optional with a dashed border) Children: <ul style="list-style-type: none"> mailxml_dd:TrackingID (indicated as optional with a dashed border) mailxml_dd:SubmitterTrackingID (indicated as optional with a dashed border) mailxml_dd:QueryResults (indicated as optional with a dashed border) mailxml_defs:QueryError (indicated as optional with a dashed border), with a description: "Error issued when the query data cannot be provided."
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
annotation	<p>documentation</p> <p>Response to the Query request for for full service container visibility information.</p>

element **StartTheClockBEMUBlock**

diagram	<p>The diagram illustrates the structure of the StartTheClockBEMUBlock element. It is a container element with a description: "StartTheClockBEMUBlock". The structure is as follows:</p> <ul style="list-style-type: none"> Children: <ul style="list-style-type: none"> mailxml_dd:StartTheClockBEMU (indicated as optional with a dashed border), with a cardinality of 1..∞.
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd

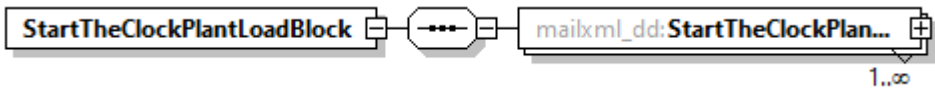
element **StartTheClockDropShipOrOrigin**

diagram




namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
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element
 StartTheClockPlantLoadBlock

diagram	 <p>The diagram shows the StartTheClockPlantLoadBlock element connected via a sequence relationship (indicated by a line with three dots) to the mailxml_dd:StartTheClockPlan... element. The mailxml_dd:StartTheClockPlan... element has a cardinality of 1..∞.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd

complexType
 addressCorrectionAddressType

diagram	 <p>The diagram shows the addressCorrectionAddressType complexType connected via a sequence relationship (indicated by a line with three dots) to a group of elements. The elements are:</p> <ul style="list-style-type: none"> 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 A choice relationship (indicated by a dashed line) containing: <ul style="list-style-type: none"> mailxml_dd:ZipCode mailxml_dd:ZipCodePlus4 mailxml_dd:DeliveryPoint11Dig...
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd

complexType **byForConflictType**

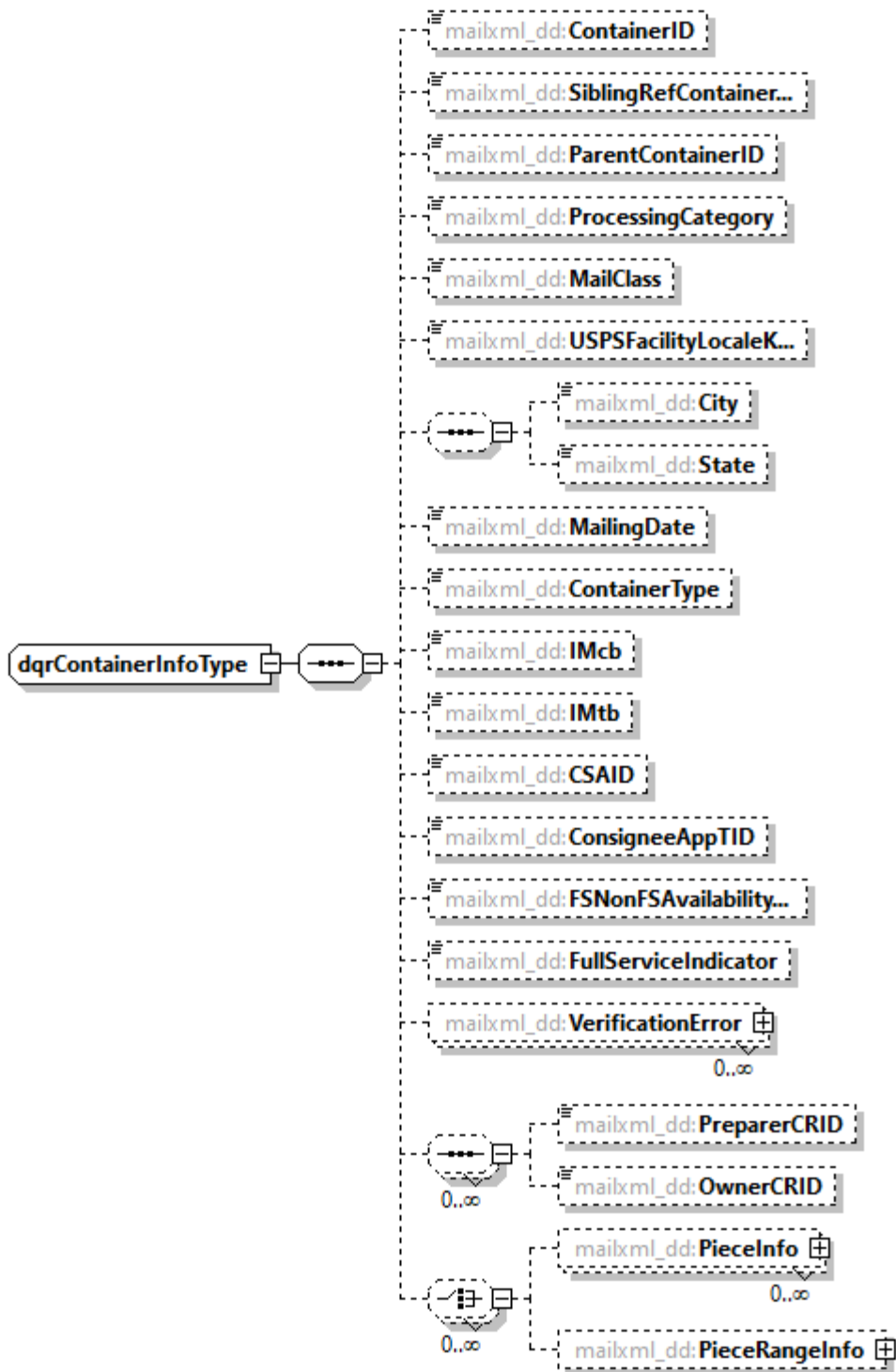
diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd

complexType **clockStartedType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd

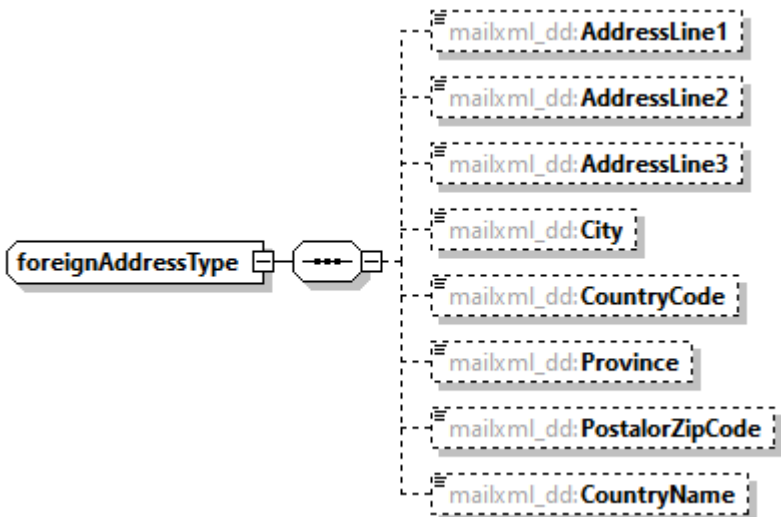
complexType **dqrContainerInfoType**

diagram



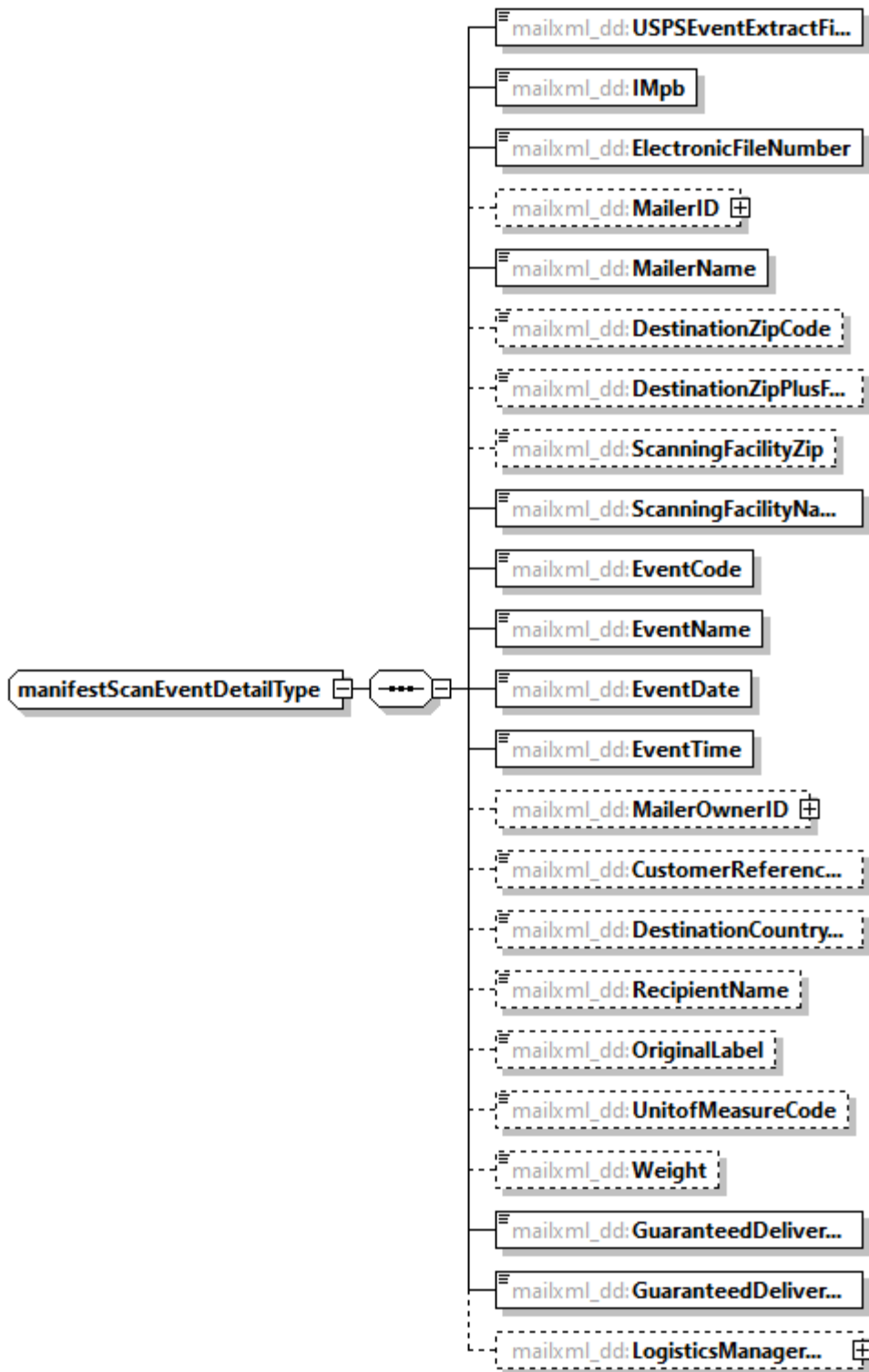
namespace http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd

complexType **foreignAddressType**

diagram	 <p>The diagram illustrates the structure of the foreignAddressType complex type. It is represented by a rounded rectangle labeled foreignAddressType with a small square icon on its right side. A dashed line with a three-dot connector leads from this rectangle to a vertical list of seven elements, each enclosed in a dashed box. The elements are: mailxml_dd:AddressLine1, mailxml_dd:AddressLine2, mailxml_dd:AddressLine3, mailxml_dd:City, mailxml_dd:CountryCode, mailxml_dd:Province, and mailxml_dd:PostalorZipCode. Each element box has a small square icon on its left side. The final element in the list is mailxml_dd:CountryName, which also has a small square icon on its left side.</p>
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd

complexType **manifestScanEventDetailType**

diagram



namespace http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd

complexType **manifestScanNotificationDataType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd

complexType **manifestScanQueryType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd

complexType **MPSNotificationDataType**

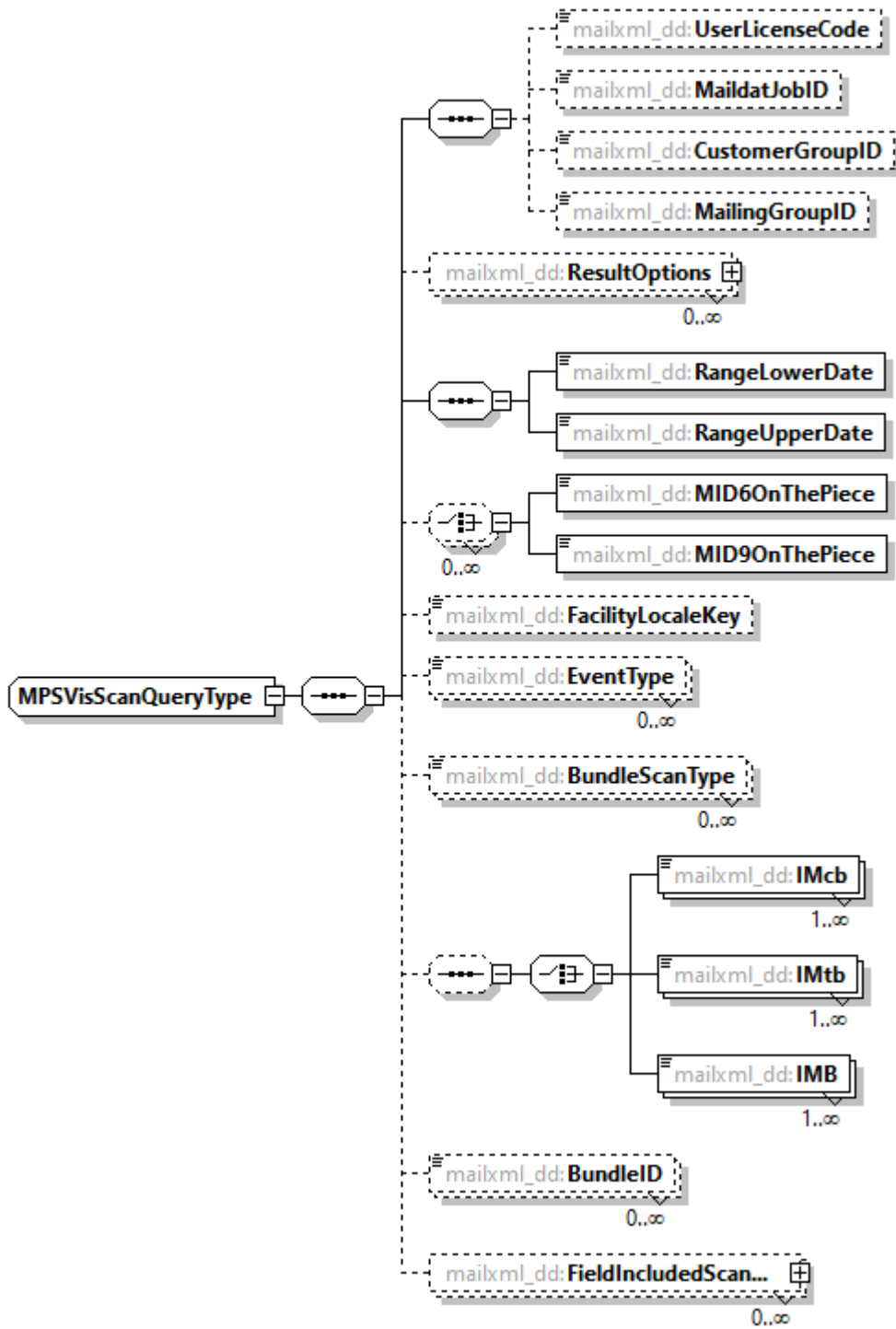
diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd

complexType **MPSRResponseBlockType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd

complexType **MPSVisScanQueryType**

diagram



namespace http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd

complexType **newAddressCorrectionAddressType**

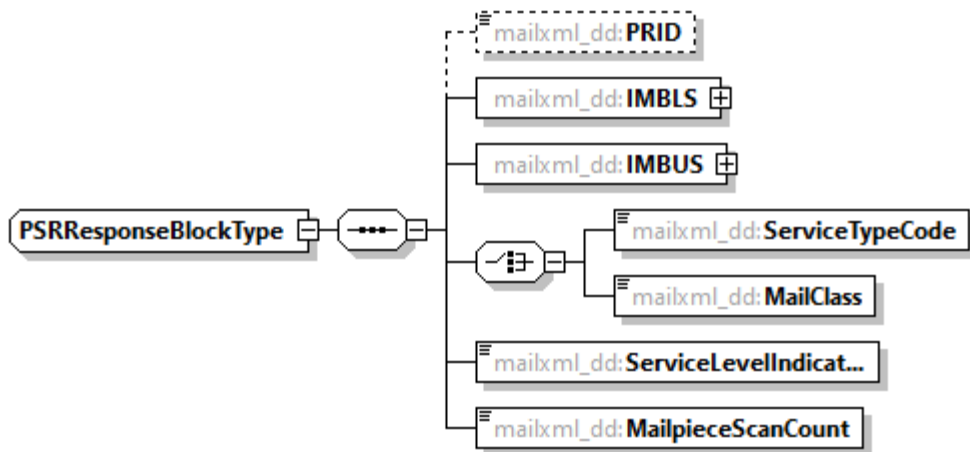
diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd

complexType **nonComplianceDataWithPostageOwedReportType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd

complexType **PSRResponseBlockType**

diagram



namespace

http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd

complexType **unManifestedScanEventDetailType**

diagram



namespace

http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd

complexType **verificationErrorType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd

simpleType **addressCorrectionMoveType**

namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
type	restriction of xs:string

simpleType **addressTypeType**

namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
type	restriction of xs:string

simpleType **containerScanStateType**

namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
type	restriction of xs:string
annotation	documentation Scan data for Container Scan States

simpleType **deliverabilityCodeType**

namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
type	restriction of xs:string

simpleType **eDocTypeType**

namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
type	restriction of xs:string

simpleType **primarySecondaryIndicatorType**

namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
type	restriction of xs:string

simpleType **verificationErrorTypeType**

namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
type	restriction of xs:string

simpleType **verificationWarningTypeType**

namespace	http://delivery-tech.org/Specs/mailxml26.2/mailxml_dd
type	restriction of xs:string