

# ***Mail.XML Version 23.1***

## **System Messages Specification**

**May 17, 2021**

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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 23.1?

With this release, the Mail.XML Messaging Protocol moves to Version 23.1. This release supports structure changes required by mailing industry and Postal Service.

Changes supported by Mail.XML 23.1 include:

- CR 2411 – Modification to RateCategoryType, to include a value of B2 to represent High Density Flats Carrier Route Bundles on Pallets
- CR 2412 – Updates to CharacteristicIncentiveType to include enumerations from 0X to 9X to make values consistent with list of Content values and with Mail.dat
- CR 2410 – Updates to ZoneICType to support Zone 10 (represented as value A) for USPS competitive products

## 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://idealliance.org/Specs/mailxml23.1/mailxml>  
targetNamespace=<http://idealliance.org/Specs/mailxml23.1/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://idealliance.org/Specs/mailxml23.1A/mailxml" then at least one of the XSDs is at same version such as filename ='Mail.XML\_23.1A.xsd' <- Errata A
- If the wrapper version is labeled as xmlns:mailxml="http://idealliance.org/Specs/mailxml23.1B/mailxml" then at least one of the XSDs is at same version such as filename ='Mail.XML\_23.1B.xsd' <- Errata B
- If the wrapper version is labeled as xmlns:mailxml="http://idealliance.org/Specs/mailxml23.1/mailxml" then at least one of the XSDs is at same version such as filename ='Mail.XML\_23.1.xsd' <- Major Version

## Mail.XML 23.1 XSD Modules:

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

Note: Actual xsd filenames include the version number (e.g. *mailxml\_base\_23.1.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™ 23.1 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 23.0. Updates in this Specification are NOT backwardly compatible with previous versions. Other documents in the specification set include:

- Mail.XML™ 23.1: Transportation Messaging Specification documents all transportation messages
- Mail.XML™ 23.1: Mailing Messaging Specification documents all mailing messages
- Mail.XML™ 23.1: Informed Visibility Specification documents all informed visibility messages
- Mail.XML™ 23.1: Data Distribution Messaging Specification documents all data distribution messages
- Mail.XML™ 23.1: Identification Messaging Specification documents all identification messages
- Mail.XML™ 23.1: Supply Chain Messaging Specification documents all supply chain messages
- Mail.XML™ 23.1: System Messaging Specification documents all systems and fault messages
- Mail.XML™ 23.1: Simple Types Specification documents all simple types used across Mail.XML messages
- Mail.XML™ 23.1: Common Definitions Specification documents all shared elements and complex types.
- Mail.XML™ 23.1: Schemas contains the .XSDs that make up the Mail.XML Messaging Specification

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# 1 Index

schema name: [mailxml dd 23.1.xsd](#)  
attributeFormDefault: **qualified**  
elementFormDefault: **qualified**  
targetNamespace: [http://idealliance.org/Specs/mailxml23.1/mailxml\\_dd](http://idealliance.org/Specs/mailxml23.1/mailxml_dd)

## Complex types

[addressCorrectionAddressType](#)  
[byForConflictType](#)  
[clockStartedType](#)  
[dqrContainerInfoType](#)  
[foreignAddressType](#)  
[manifestScanEventDetailType](#)  
[manifestScanNotificationDataType](#)  
[manifestScanQueryType](#)  
[MPSNotificationDataType](#)  
[MPSRResponseBlockType](#)  
[MPSVisScanQueryType](#)  
[newAddressCorrectionAddressType](#)  
[nonComplianceDataWithPostageOwedReportType](#)  
[PSRResponseBlockType](#)  
[unManifestedScanEventDetailType](#)  
[verificationErrorType](#)

## Simple types

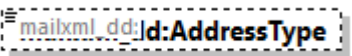
[addressCorrectionMoveType](#)  
[addressTypeType](#)  
[containerScanStateType](#)  
[deliverabilityCodeType](#)  
[eDocTypeType](#)  
[primarySecondaryIndicatorType](#)  
[verificationErrorTypeType](#)  
[verificationWarningTypeType](#)

## 2 Elements

complexType **addressCorrectionAddressType**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
children	<a href="#">mailxml dd:AddressType</a> <a href="#">mailxml dd:UrbanizationName</a> <a href="#">mailxml dd:PrimaryNumber</a> <a href="#">mailxml dd:PreDirectional</a> <a href="#">mailxml dd:StreetName</a> <a href="#">mailxml dd:StreetSuffix</a> <a href="#">mailxml dd:PostDirectional</a> <a href="#">mailxml dd:UnitDesignator</a> <a href="#">mailxml dd:SecondaryNumber</a> <a href="#">mailxml dd:City</a> <a href="#">mailxml dd:State</a> <a href="#">mailxml dd:ZipCode</a> <a href="#">mailxml dd:ZipCodePlus4</a> <a href="#">mailxml dd:DeliveryPoint11DigitZip</a>
used by	elements <a href="#">newAddressCorrectionAddressType/NewDomesticAddress</a> <b>AddressCorrection/OldAddress</b>

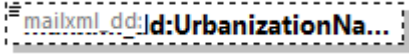
element **addressCorrectionAddressType/AddressType**

diagram										
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd									
type	<a href="#">mailxml dd:addressTypeType</a>									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>F</td><td></td></tr><tr><td>enumeration</td><td>G</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	F		enumeration	G	
Kind	Value	Annotation								
enumeration	F									
enumeration	G									



	enumeration	H
	enumeration	P
	enumeration	R
	enumeration	S
	enumeration	U
	enumeration	V
	enumeration	X

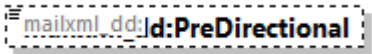
element **addressCorrectionAddressType/UrbanizationName**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s28</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	28	
	whiteSpace	preserve	

element **addressCorrectionAddressType/PrimaryNumber**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s10</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	10	
	whiteSpace	preserve	

element **addressCorrectionAddressType/PreDirectional**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s02</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	2	
	whiteSpace	preserve	


element **addressCorrectionAddressType/StreetName**

diagram													
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd												
type	<b>mailxml_base:s28</b>												
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>28</td><td></td></tr><tr><td>whiteSpace</td><td>preserve</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	28		whiteSpace	preserve	
Kind	Value	Annotation											
minLength	1												
maxLength	28												
whiteSpace	preserve												

element **addressCorrectionAddressType/StreetSuffix**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s04		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	

element **addressCorrectionAddressType/PostDirectional**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s02		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	2	
	whiteSpace	preserve	

element **addressCorrectionAddressType/UnitDesignator**

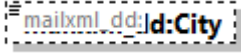
diagram										
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd									
type	<b>mailxml_base:s04</b>									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>4</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	4	
Kind	Value	Annotation								
minLength	1									
maxLength	4									

	whiteSpace    preserve
--	------------------------

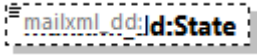
element **addressCorrectionAddressType/SecondaryNumber**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s10</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	10	
	whiteSpace	preserve	

element **addressCorrectionAddressType/City**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s28</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	28	
	whiteSpace	preserve	


element **addressCorrectionAddressType/State**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:stateCode</b>		
facets	Kind	Value	Annotation
	enumeration	AA	
	enumeration	AE	
	enumeration	AP	
	enumeration	AL	
	enumeration	AK	
	enumeration	AS	
	enumeration	AZ	
	enumeration	AR	
	enumeration	CA	
	enumeration	CO	
	enumeration	CT	

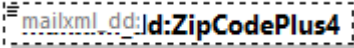
	enumeration	DE
	enumeration	DC
	enumeration	FM
	enumeration	FL
	enumeration	GA
	enumeration	GU
	enumeration	HI
	enumeration	IL
	enumeration	IN
	enumeration	IA
	enumeration	ID
	enumeration	KS
	enumeration	KY
	enumeration	LA
	enumeration	MH
	enumeration	MD
	enumeration	MA
	enumeration	ME
	enumeration	MO
	enumeration	MI
	enumeration	MN
	enumeration	MS
	enumeration	MT
	enumeration	NE
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	enumeration	NM
	enumeration	NY
	enumeration	NC
	enumeration	ND
	enumeration	MP
	enumeration	OH
	enumeration	OR
	enumeration	OK
	enumeration	PW
	enumeration	PA
	enumeration	PR
	enumeration	RI
	enumeration	SC
	enumeration	SD
	enumeration	TN
	enumeration	TX
	enumeration	UT
	enumeration	VT
	enumeration	VI

	enumeration	VA
	enumeration	WA
	enumeration	WV
	enumeration	WI
	enumeration	WY


element **addressCorrectionAddressType/ZipCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:ns05</b>

element **addressCorrectionAddressType/ZipCodePlus4**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:ns04</b>

element **addressCorrectionAddressType/DeliveryPoint11DigitZip**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:ns11</b>

## complexType **byForConflictType**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
children	<a href="#">mailxml dd:UserLicenseCode</a> <a href="#">mailxml dd:MaildatJobID</a> <a href="#">mailxml dd:CustomerGroupID</a> <a href="#">mailxml dd:MailingGroupID</a> <a href="#">mailxml dd:MailOwnerConflict</a> <a href="#">mailxml dd:MailPreparerConflict</a> <a href="#">mailxml dd:FSNonFSAvailabilityDate</a> <a href="#">mailxml dd:FullServiceIndicator</a> <a href="#">mailxml dd:ReturnInfo</a>
used by	elements <b>ByForConflictDelivery/ByForConflict</b> <b>ByForConflictQueryResponse/QueryResults/ByForConflict</b>

## element **byForConflictType/UserLicenseCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:userLicenseCodeType		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	

## element **byForConflictType/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd

type	<b>mailxml_base:jobIDType</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	

element **byForConflictType/CustomerGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s25</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	

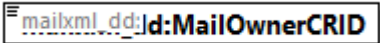
element **byForConflictType/MailingGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>xs:nonNegativeInteger</b>		


element **byForConflictType/MailOwnerConflict**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
children	<a href="#">mailxml dd:MailOwnerCRID</a> <a href="#">mailxml dd:MailOwnerMailerID6</a> <a href="#">mailxml dd:MailOwnerMailerID9</a> <a href="#">mailxml dd:PermitInfo</a> <a href="#">mailxml dd:MailOwnerConflictError</a>		

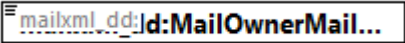
element **byForConflictType/MailOwnerConflict/MailOwnerCRID**

diagram										
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd									
type	<b>mailxml_base:CRIDType</b>									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>15</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	15	
Kind	Value	Annotation								
minLength	1									
maxLength	15									

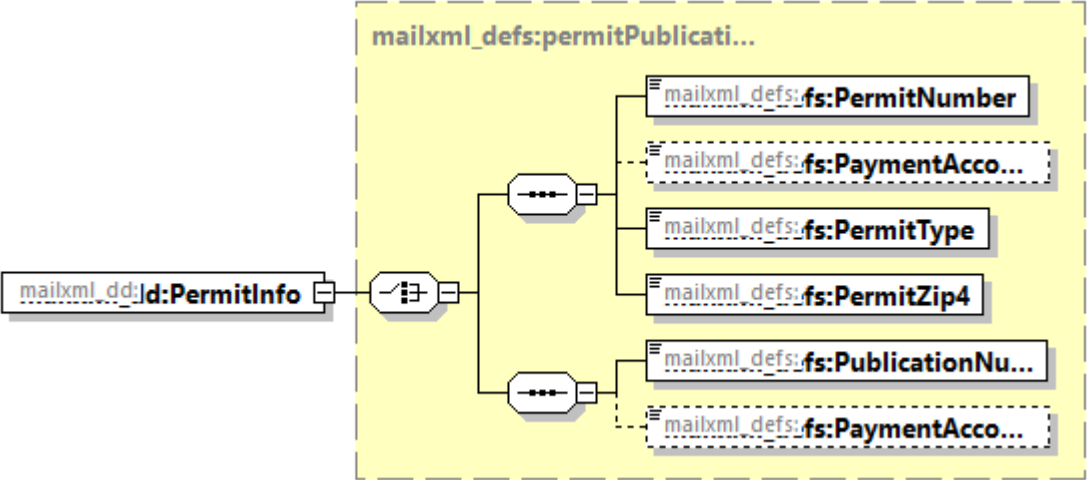
element **byForConflictType/MailOwnerConflict/MailOwnerMailerID6**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:mailerID6Type</b>

element **byForConflictType/MailOwnerConflict/MailOwnerMailerID9**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:mailerID9Type</b>

element **byForConflictType/MailOwnerConflict/PermitInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_defs:permitPublicationDataType</b>

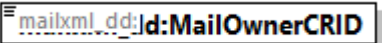


children	<b>mailxml_defs:PermitNumber mailxml_defs:PaymentAccountNumber mailxml_defs:PermitType mailxml_defs:PermitZip4 mailxml_defs:PublicationNumber mailxml_defs:PaymentAccountNumber</b>
----------	---

element **byForConflictType/MailOwnerConflict/MailOwnerConflictError**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
children	<a href="#">mailxml dd:MailOwnerCRID</a> <a href="#">mailxml dd:MailOwnerMailerID6</a> <a href="#">mailxml dd:MailOwnerMailerID9</a> <a href="#">mailxml dd:PermitInfo</a> <a href="#">mailxml dd:ConflictReasonCode</a> <a href="#">mailxml dd:ConflictReasonDescription</a>


element **byForConflictType/MailOwnerConflict/MailOwnerConflictError/MailOwnerCRID**

diagram										
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd									
type	<b>mailxml_base:CRIDType</b>									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>15</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	15	
Kind	Value	Annotation								
minLength	1									
maxLength	15									

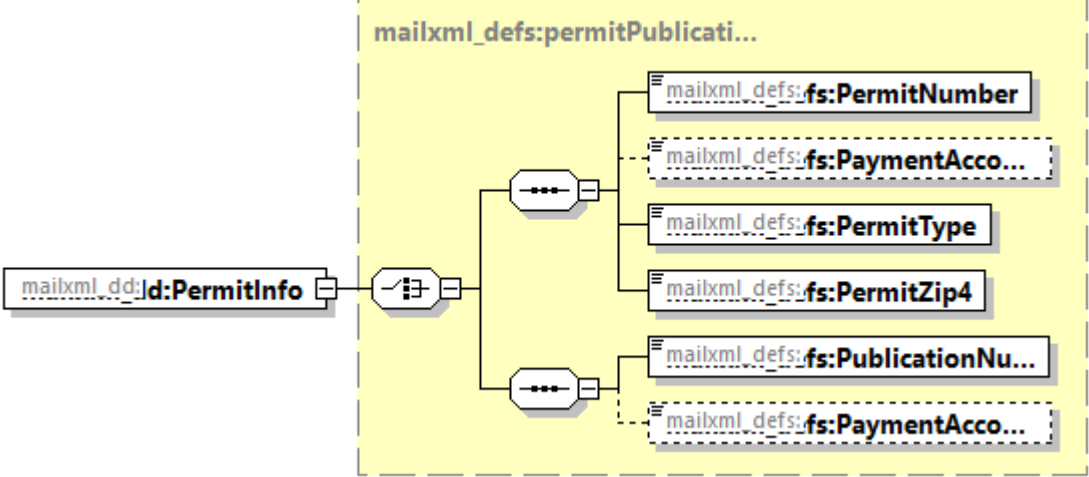
element **byForConflictType/MailOwnerConflict/MailOwnerConflictError/MailOwnerMailerID6**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:mailerID6Type</b>

element **byForConflictType/MailOwnerConflict/MailOwnerConflictError/MailOwnerMailerID9**

diagram	 A diagram showing a box labeled 'mailxml_dd:d:MailOwnerMail...' with a small icon to its left.
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:mailerID9Type</b>


element **byForConflictType/MailOwnerConflict/MailOwnerConflictError/PermitInfo**

diagram	 A diagram showing a box labeled 'mailxml_dd:d:PermitInfo' connected to a complex structure. The structure is enclosed in a yellow dashed box labeled 'mailxml_defs:permitPublicati...'. Inside this box, there are two main branches. The top branch contains three boxes: 'mailxml_defs:fs:PermitNumber', 'mailxml_defs:fs:PaymentAcco...', and 'mailxml_defs:fs:PermitType'. The bottom branch contains two boxes: 'mailxml_defs:fs:PermitZip4' and 'mailxml_defs:fs:PublicationNu...'. There are also boxes for 'mailxml_defs:fs:PaymentAcco...' at the bottom right. The boxes are connected by lines and small icons.
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_defs:permitPublicationDataType</b>
children	<b>mailxml_defs:PermitNumber mailxml_defs:PaymentAccountNumber mailxml_defs:PermitType mailxml_defs:PermitZip4 mailxml_defs:PublicationNumber mailxml_defs:PaymentAccountNumber</b>

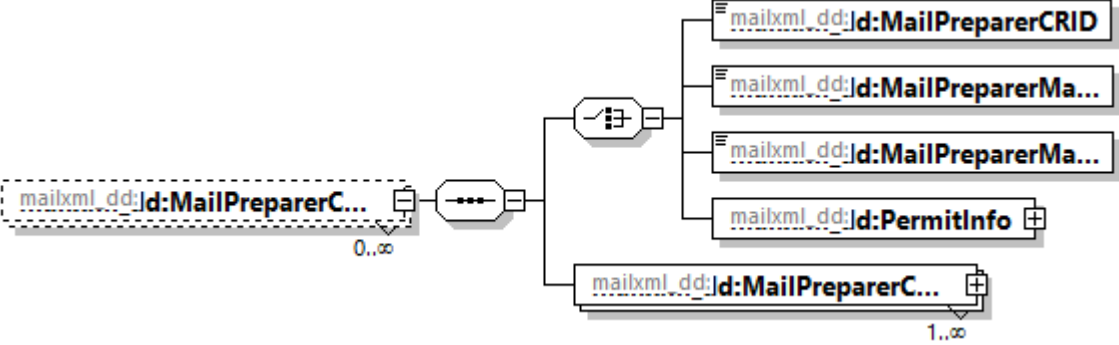
element **byForConflictType/MailOwnerConflict/MailOwnerConflictError/ConflictReasonCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s02		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	2	
	whiteSpace	preserve	


element **byForConflictType/MailOwnerConflict/MailOwnerConflictError/ConflictReasonDescription**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>xs:string</b>


element **byForConflictType/MailPreparerConflict**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
children	<a href="#">mailxml dd:MailPreparerCRID</a> <a href="#">mailxml dd:MailPreparerMailerID6</a> <a href="#">mailxml dd:MailPreparerMailerID9</a> <a href="#">mailxml dd:PermitInfo</a> <a href="#">mailxml dd:MailPreparerConflictError</a>


element **byForConflictType/MailPreparerConflict/MailPreparerCRID**

diagram										
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd									
type	<b>mailxml_base:CRIDType</b>									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>15</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	15	
Kind	Value	Annotation								
minLength	1									
maxLength	15									

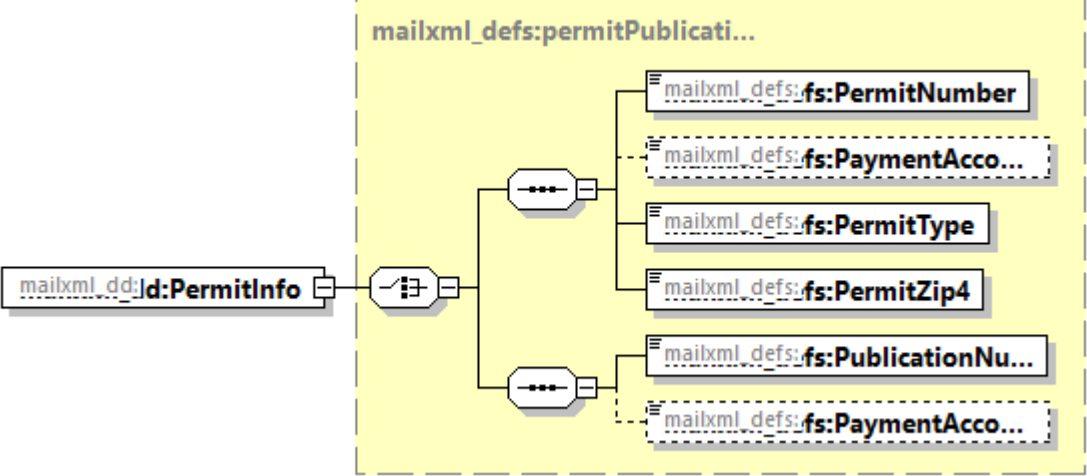
element **byForConflictType/MailPreparerConflict/MailPreparerMailerID6**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:mailerID6Type</b>

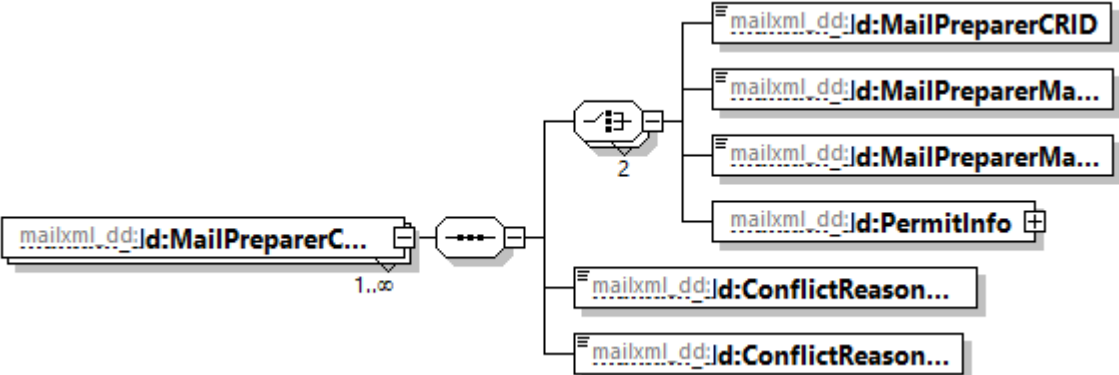
element **byForConflictType/MailPreparerConflict/MailPreparerMailerID9**

diagram	 The diagram shows a single rectangular box representing the element <code>mailxml_dd:MailPreparerMa...</code> .
namespace	<a href="http://idealliance.org/Specs/mailxml23.1/mailxml_dd">http://idealliance.org/Specs/mailxml23.1/mailxml_dd</a>
type	<b>mailxml_base:mailerID9Type</b>

element **byForConflictType/MailPreparerConflict/PermitInfo**

diagram	 The diagram shows the <code>mailxml_dd:PermitInfo</code> element connected to a container box labeled <code>mailxml_defs:permitPublicati...</code> . Inside this container, there are two groups of elements. The first group contains <code>mailxml_defs:fs:PermitNumber</code> , <code>mailxml_defs:fs:PaymentAcco...</code> , <code>mailxml_defs:fs:PermitType</code> , and <code>mailxml_defs:fs:PermitZip4</code> . The second group contains <code>mailxml_defs:fs:PublicationNu...</code> and <code>mailxml_defs:fs:PaymentAcco...</code> .
namespace	<a href="http://idealliance.org/Specs/mailxml23.1/mailxml_dd">http://idealliance.org/Specs/mailxml23.1/mailxml_dd</a>
type	<b>mailxml_defs:permitPublicationDataType</b>
children	<b>mailxml_defs:PermitNumber mailxml_defs:PaymentAccountNumber mailxml_defs:PermitType mailxml_defs:PermitZip4 mailxml_defs:PublicationNumber mailxml_defs:PaymentAccountNumber</b>

element **byForConflictType/MailPreparerConflict/MailPreparerConflictError**

diagram	 The diagram shows the <code>mailxml_dd:MailPreparerC...</code> element connected to a container box. Inside this container, there are two groups of elements. The first group contains <code>mailxml_dd:MailPreparerCRID</code> , <code>mailxml_dd:MailPreparerMa...</code> , <code>mailxml_dd:MailPreparerMa...</code> , and <code>mailxml_dd:PermitInfo</code> . The second group contains <code>mailxml_dd:ConflictReason...</code> and <code>mailxml_dd:ConflictReason...</code> .
namespace	<a href="http://idealliance.org/Specs/mailxml23.1/mailxml_dd">http://idealliance.org/Specs/mailxml23.1/mailxml_dd</a>

children	<a href="#">mailxml dd:MailPreparerCRID</a> <a href="#">mailxml dd:MailPreparerMailerID6</a> <a href="#">mailxml dd:MailPreparerMailerID9</a> <a href="#">mailxml dd:PermitInfo</a> <a href="#">mailxml dd:ConflictReasonCode</a> <a href="#">mailxml dd:ConflictReasonDescription</a>
----------	--

element **byForConflictType/MailPreparerConflict/MailPreparerConflictError/MailPreparerCRID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:CRIDType</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	15	

element **byForConflictType/MailPreparerConflict/MailPreparerConflictError/MailPreparerMailerID6**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:mailerID6Type</b>		

element **byForConflictType/MailPreparerConflict/MailPreparerConflictError/MailPreparerMailerID9**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:mailerID9Type</b>		

element **byForConflictType/MailPreparerConflict/MailPreparerConflictError/PermitInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_defs:permitPublicationDataType</b>
children	<b>mailxml_defs:PermitNumber mailxml_defs:PaymentAccountNumber mailxml_defs:PermitType mailxml_defs:PermitZip4 mailxml_defs:PublicationNumber mailxml_defs:PaymentAccountNumber</b>

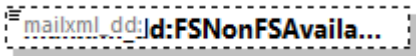
element **byForConflictType/MailPreparerConflict/MailPreparerConflictError/ConflictReasonCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s02		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	2	
	whiteSpace	preserve	

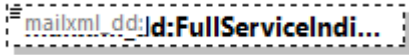
element **byForConflictType/MailPreparerConflict/MailPreparerConflictError/ConflictReasonDescription**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>xs:string</b>

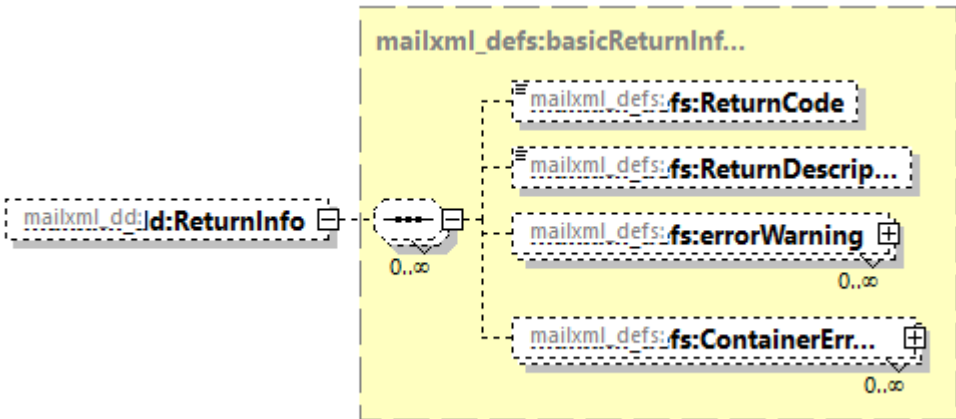
element **byForConflictType/FSNonFSAvailabilityDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>xs:date</b>

element **byForConflictType/FullServiceIndicator**

diagram										
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd									
type	<b>mailxml_base:yesNo</b>									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>Yes</td><td></td></tr><tr><td>enumeration</td><td>No</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	Yes		enumeration	No	
Kind	Value	Annotation								
enumeration	Yes									
enumeration	No									

element **byForConflictType/ReturnInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_defs:basicReturnInfoType</b>
children	<b>mailxml_defs:ReturnCode mailxml_defs:ReturnDescription mailxml_defs:errorWarning mailxml_defs:ContainerErrorWarningBlock</b>

# complexType **clockStartedType**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
children	<b>mailxml_dd:StartTheClockBEMUBlock</b> <a href="#">mailxml_dd:StartTheClockDropShipOrOriginBlock</a> <b>mailxml_dd:StartTheClockPlantLoadBlock</b>

## element **clockStartedType/StartTheClockDropShipOrOriginBlock**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
children	<b>mailxml_dd:StartTheClockDropShipOrOrigin</b>




# complexType **dqrContainerInfoType**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
children	<a href="#">mailxml dd:ContainerID</a> <a href="#">mailxml dd:SiblingRefContainerID</a> <a href="#">mailxml dd:ParentContainerID</a> <a href="#">mailxml dd:ProcessingCategory</a> <a href="#">mailxml dd:MailClass</a> <a href="#">mailxml dd:USPSFacilityLocaleKey</a> <a href="#">mailxml dd:City</a> <a href="#">mailxml dd:State</a> <a href="#">mailxml dd:MailingDate</a> <a href="#">mailxml dd:ContainerType</a> <a href="#">mailxml dd:IMcb</a> <a href="#">mailxml dd:IMtb</a> <a href="#">mailxml dd:CSAID</a> <a href="#">mailxml dd:ConsigneeAppTID</a> <a href="#">mailxml dd:FSNonFSAvaila...</a> <a href="#">mailxml dd:FullServiceIndi...</a> <a href="#">mailxml dd:VerificationError</a> <a href="#">mailxml dd:PreparerCRID</a> <a href="#">mailxml dd:OwnerCRID</a> <a href="#">mailxml dd:PieceInfo</a> <a href="#">mailxml dd:PieceRangeInfo</a>

	<a href="#">mailxml dd:FSNonFSAvailabilityDate</a> <a href="#">mailxml dd:FullServiceIndicator</a> <a href="#">mailxml dd:VerificationError</a> <a href="#">mailxml dd:PreparerCRID</a> <a href="#">mailxml dd:OwnerCRID</a> <a href="#">mailxml dd:PieceInfo</a> <a href="#">mailxml dd:PieceRangeInfo</a>
used by	elements <b>DataQualityVerificationReportDelivery/DataQualityContainerInfo</b> <b>DataQualityVerificationReportDelivery/DataQualityContainerInfo</b> <b>DataQualityVerificationReportQueryResponse/QueryResults/DQRContainerInfo</b> <b>DataQualityVerificationReportQueryResponse/QueryResults/DQRContainerInfo</b>

element **dqrContainerInfoType/ContainerID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s06</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	6	
	whiteSpace	preserve	

element **dqrContainerInfoType/SiblingRefContainerID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s06</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	6	
	whiteSpace	preserve	

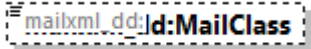
element **dqrContainerInfoType/ParentContainerID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s06</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	6	
	whiteSpace	preserve	

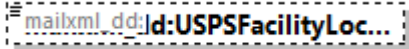
element **dqrContainerInfoType/ProcessingCategory**

diagram																																					
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd																																				
type	<b>mailxml_base:processingCategoryType</b>																																				
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>LT</td><td></td></tr><tr><td>enumeration</td><td>FL</td><td></td></tr><tr><td>enumeration</td><td>CD</td><td></td></tr><tr><td>enumeration</td><td>OS</td><td></td></tr><tr><td>enumeration</td><td>MP</td><td></td></tr><tr><td>enumeration</td><td>IR</td><td></td></tr><tr><td>enumeration</td><td>PF</td><td></td></tr><tr><td>enumeration</td><td>CM</td><td></td></tr><tr><td>enumeration</td><td>NP</td><td></td></tr><tr><td>enumeration</td><td>SP</td><td></td></tr><tr><td>enumeration</td><td>MB</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	LT		enumeration	FL		enumeration	CD		enumeration	OS		enumeration	MP		enumeration	IR		enumeration	PF		enumeration	CM		enumeration	NP		enumeration	SP		enumeration	MB	
Kind	Value	Annotation																																			
enumeration	LT																																				
enumeration	FL																																				
enumeration	CD																																				
enumeration	OS																																				
enumeration	MP																																				
enumeration	IR																																				
enumeration	PF																																				
enumeration	CM																																				
enumeration	NP																																				
enumeration	SP																																				
enumeration	MB																																				

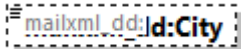
element **dqrContainerInfoType/MailClass**

diagram																			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd																		
type	<b>mailxml_base:mailClassType</b>																		
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>2</td><td></td></tr><tr><td>enumeration</td><td>3</td><td></td></tr><tr><td>enumeration</td><td>4</td><td></td></tr><tr><td>enumeration</td><td>6</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	6	
Kind	Value	Annotation																	
enumeration	1																		
enumeration	2																		
enumeration	3																		
enumeration	4																		
enumeration	6																		

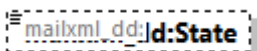
element **dqrContainerInfoType/USPSFacilityLocaleKey**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:localeKeyType		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	9	
	whiteSpace	preserve	

element **dqrContainerInfoType/City**


diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s45</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	45	
	whiteSpace	preserve	

element **dqrContainerInfoType/State**


diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:stateCode		
facets	Kind	Value	Annotation
	enumeration	AA	
	enumeration	AE	
	enumeration	AP	
	enumeration	AL	
	enumeration	AK	
	enumeration	AS	
	enumeration	AZ	
	enumeration	AR	
	enumeration	CA	
	enumeration	CO	
	enumeration	CT	
	enumeration	DE	
	enumeration	DC	
	enumeration	FM	
	enumeration	FL	
	enumeration	GA	
	enumeration	GU	
	enumeration	HI	
	enumeration	IL	
	enumeration	IN	
	enumeration	IA	
	enumeration	ID	
	enumeration	KS	
	enumeration	KY	
	enumeration	LA	
	enumeration	MH	

	enumeration	MD
	enumeration	MA
	enumeration	ME
	enumeration	MO
	enumeration	MI
	enumeration	MN
	enumeration	MS
	enumeration	MT
	enumeration	NE
	enumeration	NH
	enumeration	NV
	enumeration	NJ
	enumeration	NM
	enumeration	NY
	enumeration	NC
	enumeration	ND
	enumeration	MP
	enumeration	OH
	enumeration	OR
	enumeration	OK
	enumeration	PW
	enumeration	PA
	enumeration	PR
	enumeration	RI
	enumeration	SC
	enumeration	SD
	enumeration	TN
	enumeration	TX
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	enumeration	WA
	enumeration	WV
	enumeration	WI
	enumeration	WY

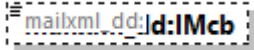
element **dqrContainerInfoType/MailingDate**

diagram	
namespace	<a href="http://idealliance.org/Specs/mailxml23.1/mailxml_dd">http://idealliance.org/Specs/mailxml23.1/mailxml_dd</a>
type	<b>xs:date</b>

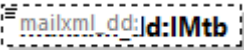
element **dqrContainerInfoType/ContainerType**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:mailXMLContainerType</b>		
facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	5	
	enumeration	6	
	enumeration	7	
	enumeration	8	
	enumeration	9	
	enumeration	10	
	enumeration	11	
	enumeration	12	
	enumeration	13	
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	enumeration	E	
	enumeration	F	
	enumeration	L	
	enumeration	O	
	enumeration	P	
	enumeration	S	
	enumeration	T	
	enumeration	V	
	enumeration	B	
	enumeration	U	
	enumeration	Z	
	enumeration	X	
	enumeration	H	
	enumeration	A	
	enumeration	G	
	enumeration	D	
	enumeration	R	
	enumeration	C	
	enumeration	CT	
	enumeration	M	
	enumeration	AB	
	enumeration	Y	

element **dqrContainerInfoType/IMcb**

diagram										
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd									
type	<b>mailxml_base:IMcbType</b>									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>21</td><td></td></tr><tr><td>maxLength</td><td>24</td><td></td></tr></table>	Kind	Value	Annotation	minLength	21		maxLength	24	
Kind	Value	Annotation								
minLength	21									
maxLength	24									

element **dqrContainerInfoType/IMtb**

diagram										
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd									
type	<b>mailxml_base:IMtbType</b>									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>24</td><td></td></tr><tr><td>maxLength</td><td>24</td><td></td></tr></table>	Kind	Value	Annotation	minLength	24		maxLength	24	
Kind	Value	Annotation								
minLength	24									
maxLength	24									

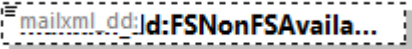
element **dqrContainerInfoType/CSAID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s10		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	10	
	whiteSpace	preserve	

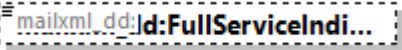
element **dqrContainerInfoType/ConsigneeAppTID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s12		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	12	
	whiteSpace	preserve	

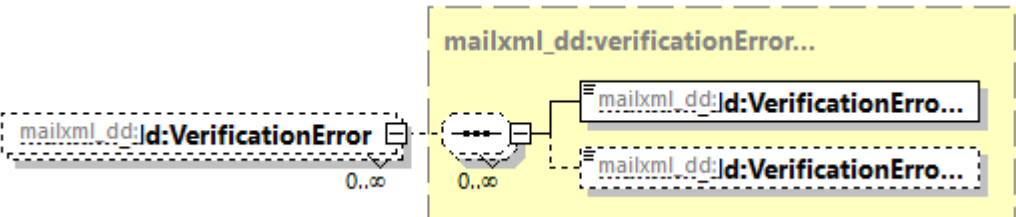
element **dqrContainerInfoType/FSNonFSAvailabilityDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>xs:date</b>


element **dqrContainerInfoType/FullServiceIndicator**

diagram										
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd									
type	<b>mailxml_base:yesNo</b>									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>Yes</td><td></td></tr><tr><td>enumeration</td><td>No</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	Yes		enumeration	No	
Kind	Value	Annotation								
enumeration	Yes									
enumeration	No									

element **dqrContainerInfoType/VerificationError**

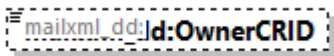
diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<a href="#">mailxml_dd:verificationErrorType</a>
children	<a href="#">mailxml_dd:VerificationErrorCode</a> <a href="#">mailxml_dd:VerificationErrorDescription</a>

element **dqrContainerInfoType/PreparerCRID**

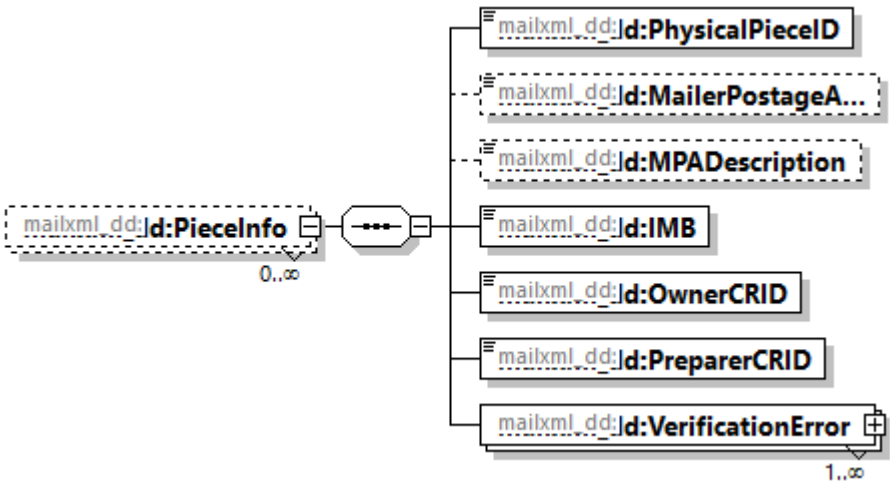
diagram										
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd									
type	<b>mailxml_base:CRIDType</b>									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>15</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	15	
Kind	Value	Annotation								
minLength	1									
maxLength	15									



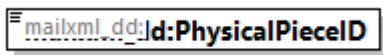
element **dqrContainerInfoType/OwnerCRID**

diagram										
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd									
type	<b>mailxml_base:CRIDType</b>									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>15</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	15	
Kind	Value	Annotation								
minLength	1									
maxLength	15									


element **dqrContainerInfoType/PieceInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
children	<a href="#">mailxml_dd:PhysicalPieceID</a> <a href="#">mailxml_dd:MailerPostageAccountID</a> <a href="#">mailxml_dd:MPADescription</a> <a href="#">mailxml_dd:IMB</a> <a href="#">mailxml_dd:OwnerCRID</a> <a href="#">mailxml_dd:PreparerCRID</a> <a href="#">mailxml_dd:VerificationError</a>

element **dqrContainerInfoType/PieceInfo/PhysicalPieceID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s22		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	22	
	whiteSpace	preserve	

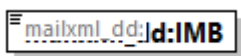
element **dqrContainerInfoType/PieceInfo/MailerPostageAccountID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s10		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	10	
	whiteSpace	preserve	


element **dqrContainerInfoType/PieceInfo/MPADescription**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s30		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	30	
	whiteSpace	preserve	


element **dqrContainerInfoType/PieceInfo/IMB**

diagram										
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd									
type	<b>mailxml_base:iMBType</b>									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>20</td><td></td></tr><tr><td>maxLength</td><td>34</td><td></td></tr></table>	Kind	Value	Annotation	minLength	20		maxLength	34	
Kind	Value	Annotation								
minLength	20									
maxLength	34									

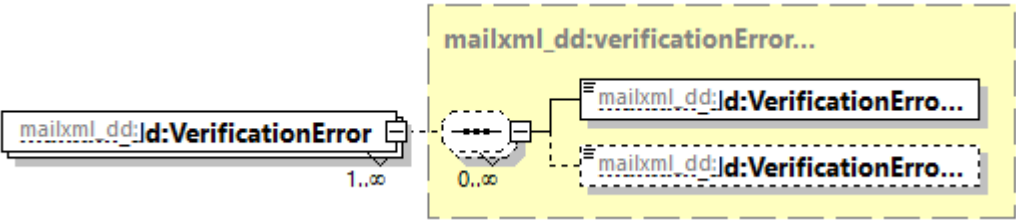
element **dqrContainerInfoType/PieceInfo/OwnerCRID**

diagram										
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd									
type	<b>mailxml_base:CRIDType</b>									
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>15</td><td></td></tr></tbody></table>	Kind	Value	Annotation	minLength	1		maxLength	15	
Kind	Value	Annotation								
minLength	1									
maxLength	15									

element **dqrContainerInfoType/PieceInfo/PreparerCRID**

diagram										
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd									
type	<b>mailxml_base:CRIDType</b>									
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>15</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	15	
Kind	Value	Annotation								
minLength	1									
maxLength	15									

element **dqrContainerInfoType/PieceInfo/VerificationError**

diagram	 A diagram showing the <code>mailxml_dd:d:VerificationError</code> element (rectangle) with a cardinality of <code>1..∞</code> . It is connected to a dashed oval containing a sequence of three dots and a cardinality of <code>0..∞</code> . This oval is connected to a yellow dashed box labeled <code>mailxml_dd:verificationError...</code> which contains two sub-elements: <code>mailxml_dd:d:VerificationErro...</code> and <code>mailxml_dd:d:VerificationErro...</code> .
namespace	<a href="http://idealliance.org/Specs/mailxml23.1/mailxml_dd">http://idealliance.org/Specs/mailxml23.1/mailxml_dd</a>
type	<a href="#">mailxml_dd:verificationErrorType</a>
children	<a href="#">mailxml_dd:VerificationErrorCode</a> <a href="#">mailxml_dd:VerificationErrorDescription</a>

element **dqrContainerInfoType/PieceRangeInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
children	<a href="#">mailxml dd:PieceRangeID</a> <a href="#">mailxml dd:IMBUpperSerialization</a> <a href="#">mailxml dd:IMBLowerSerialization</a> <a href="#">mailxml dd:MailClass</a> <a href="#">mailxml dd:ProcessingCategory</a> <a href="#">mailxml dd:PieceCountInRange</a> <a href="#">mailxml dd:AffectedPieceCount</a> <a href="#">mailxml dd:OwnerCRID</a> <a href="#">mailxml dd:PreparerCRID</a> <a href="#">mailxml dd:VerificationError</a>

element **dqrContainerInfoType/PieceRangeInfo/PieceRangeID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s22		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	22	
	whiteSpace	preserve	

element **dqrContainerInfoType/PieceRangeInfo/IMBUpperSerialization**


diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:IMBUpperSerializationType</b>

facets	Kind	Value	Annotation
	minLength	1	
	maxLength	18	
	whiteSpace	preserve	

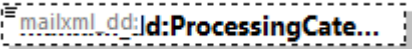
element **dqrContainerInfoType/PieceRangeInfo/IMBLowerSerialization**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:iMBLowerSerializationType</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	18	
	whiteSpace	preserve	

element **dqrContainerInfoType/PieceRangeInfo/MailClass**


diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:mailClassType</b>		
facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	6	

element **dqrContainerInfoType/PieceRangeInfo/ProcessingCategory**


diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:processingCategoryType</b>		
facets	Kind	Value	Annotation
	enumeration	LT	
	enumeration	FL	
	enumeration	CD	
	enumeration	OS	
	enumeration	MP	
	enumeration	IR	
	enumeration	PF	

	enumeration	CM
	enumeration	NP
	enumeration	SP
	enumeration	MB

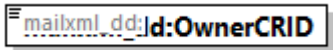
element **dqrContainerInfoType/PieceRangeInfo/PieceCountInRange**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>xs:nonNegativeInteger</b>


element **dqrContainerInfoType/PieceRangeInfo/AffectedPieceCount**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>xs:nonNegativeInteger</b>

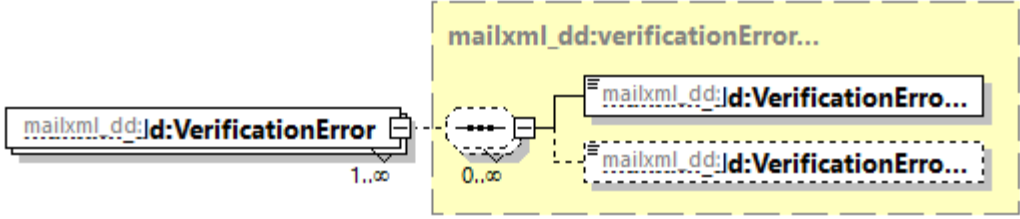
element **dqrContainerInfoType/PieceRangeInfo/OwnerCRID**

diagram										
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd									
type	<b>mailxml_base:CRIDType</b>									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>15</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	15	
Kind	Value	Annotation								
minLength	1									
maxLength	15									

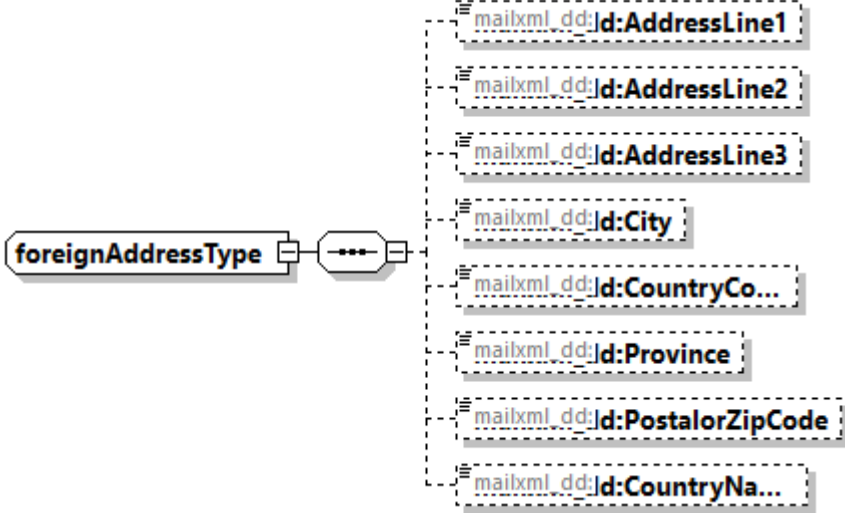
element **dqrContainerInfoType/PieceRangeInfo/PreparerCRID**

diagram										
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd									
type	<b>mailxml_base:CRIDType</b>									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>15</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	15	
Kind	Value	Annotation								
minLength	1									
maxLength	15									

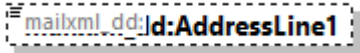
element **dqrContainerInfoType/PieceRangeInfo/VerificationError**

diagram	
namespace	<a href="http://idealliance.org/Specs/mailxml23.1/mailxml_dd">http://idealliance.org/Specs/mailxml23.1/mailxml_dd</a>
type	<a href="#">mailxml_dd:verificationErrorType</a>
children	<a href="#">mailxml_dd:VerificationErrorCode</a> <a href="#">mailxml_dd:VerificationErrorDescription</a>

complexType **foreignAddressType**


diagram	
namespace	<a href="http://idealliance.org/Specs/mailxml23.1/mailxml_dd">http://idealliance.org/Specs/mailxml23.1/mailxml_dd</a>
children	<a href="#">mailxml_dd:AddressLine1</a> <a href="#">mailxml_dd:AddressLine2</a> <a href="#">mailxml_dd:AddressLine3</a> <a href="#">mailxml_dd:City</a> <a href="#">mailxml_dd:CountryCode</a> <a href="#">mailxml_dd:Province</a> <a href="#">mailxml_dd:PostalorZipCode</a> <a href="#">mailxml_dd:CountryName</a>
used by	element <a href="#">newAddressCorrectionAddressType/NewForeignAddress</a>

element **foreignAddressType/AddressLine1**

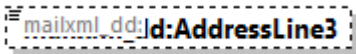
diagram							
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd						
type	<b>mailxml_base:s50</b>						
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1	
Kind	Value	Annotation					
minLength	1						

	maxLength 50 whiteSpace preserve
--	-------------------------------------

element **foreignAddressType/AddressLine2**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s50</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	50	
	whiteSpace	preserve	

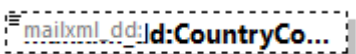
element **foreignAddressType/AddressLine3**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s50</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	50	
	whiteSpace	preserve	

element **foreignAddressType/City**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s50</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	50	
	whiteSpace	preserve	

element **foreignAddressType/CountryCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		



type	<b>mailxml_base:s03</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	3	
	whiteSpace	preserve	


element **foreignAddressType/Province**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s50</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	50	
	whiteSpace	preserve	

element **foreignAddressType/PostalorZipCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s10</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	10	
	whiteSpace	preserve	

element **foreignAddressType/CountryName**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s50</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	50	
	whiteSpace	preserve	

complexType **manifestScanEventDetailType**


diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
children	<a href="#">mailxml_dd:USPSEventExtractFileVersionNumber</a> <a href="#">mailxml_dd:IMpb</a> <a href="#">mailxml_dd:ElectronicFileNumber</a> <a href="#">mailxml_dd:MailerID</a> <a href="#">mailxml_dd:MailerName</a>

	<a href="#">mailxml dd:DestinationZipCode</a> <a href="#">mailxml dd:DestinationZipPlusFour</a> <a href="#">mailxml dd:ScanningFacilityZip</a> <a href="#">mailxml dd:ScanningFacilityName</a> <a href="#">mailxml dd:EventCode</a> <a href="#">mailxml dd:EventName</a> <a href="#">mailxml dd:EventDate</a> <a href="#">mailxml dd:EventTime</a> <a href="#">mailxml dd:MailerOwnerID</a> <a href="#">mailxml dd:CustomerReferenceID</a> <a href="#">mailxml dd:DestinationCountryCode</a> <a href="#">mailxml dd:RecipientName</a> <a href="#">mailxml dd:OriginalLabel</a> <a href="#">mailxml dd:UnitofMeasureCode</a> <a href="#">mailxml dd:Weight</a> <a href="#">mailxml dd:GuaranteedDeliveryDate</a> <a href="#">mailxml dd:GuaranteedDeliveryTime</a> <a href="#">mailxml dd:LogisticsManagerMailerID</a>
--	---

element **manifestScanEventDetailType/USPSEventExtractFileVersionNumber**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s03</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	3	
	whiteSpace	preserve	

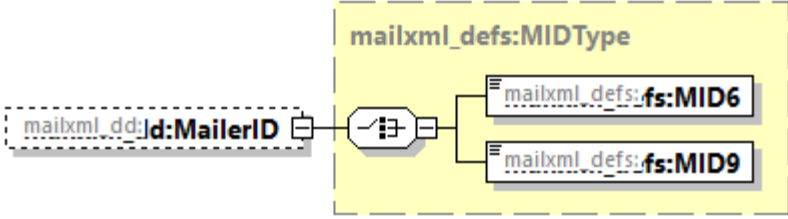
element **manifestScanEventDetailType/IMpb**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:IMpbType</b>		
facets	Kind	Value	Annotation
	minLength	21	
	maxLength	34	

element **manifestScanEventDetailType/ElectronicFileNumber**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s34</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	34	
	whiteSpace	preserve	


element **manifestScanEventDetailType/MailerID**

diagram	 The diagram shows the MailerID element as a dashed box containing the text 'mailxml_dd:d:MailerID'. This box is connected by a line to a central node, which then branches into two separate boxes labeled 'mailxml_defs:fs:MID6' and 'mailxml_defs:fs:MID9'. These two boxes are enclosed within a larger yellow dashed box labeled 'mailxml_defs:MIDType'.
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_defs:MIDType</b>
children	<b>mailxml_defs:MID6 mailxml_defs:MID9</b>

element **manifestScanEventDetailType/MailerName**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s20		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	20	
	whiteSpace	preserve	

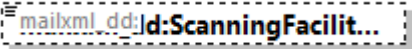
element **manifestScanEventDetailType/DestinationZipCode**

diagram	 The diagram shows the DestinationZipCode element as a dashed box containing the text 'mailxml_dd:d:DestinationZip...'.
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_defs:zipCode</b>

element **manifestScanEventDetailType/DestinationZipPlusFour**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s09		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	9	
	whiteSpace	preserve	


element **manifestScanEventDetailType/ScanningFacilityZip**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_defs:zipCode</b>

element **manifestScanEventDetailType/ScanningFacilityName**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s31		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	31	
	whiteSpace	preserve	

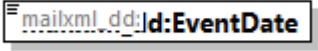
element **manifestScanEventDetailType/EventCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s02		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	2	
	whiteSpace	preserve	


element **manifestScanEventDetailType/EventName**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s40		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	40	
	whiteSpace	preserve	

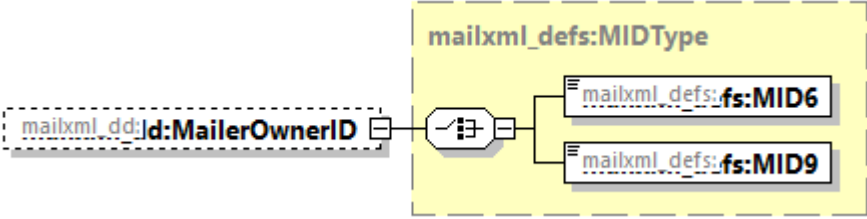
element **manifestScanEventDetailType/EventDate**

diagram	 The diagram shows a box with the text 'manifestScanEventDetailType/EventDate' and a small icon of a document with a list.
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>xs:date</b>

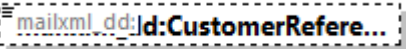
element **manifestScanEventDetailType/EventTime**

diagram	 The diagram shows a box with the text 'manifestScanEventDetailType/EventTime' and a small icon of a document with a list.
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>xs:time</b>

element **manifestScanEventDetailType/MailerOwnerID**

diagram	 The diagram shows a box with the text 'manifestScanEventDetailType/MailerOwnerID' and a small icon of a document with a list. This box is connected to a larger box labeled 'manifestxml_defs:MIDType'. Inside this larger box, there are two smaller boxes labeled 'manifestxml_defs:fs:MID6' and 'manifestxml_defs:fs:MID9'.
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>manifestxml_defs:MIDType</b>
children	<b>manifestxml_defs:MID6 manifestxml_defs:MID9</b>


element **manifestScanEventDetailType/CustomerReferenceID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s40		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	40	
	whiteSpace	preserve	

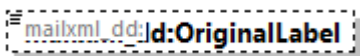
element **manifestScanEventDetailType/DestinationCountryCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s02		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	2	
	whiteSpace	preserve	


element **manifestScanEventDetailType/RecipientName**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s20		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	20	
	whiteSpace	preserve	

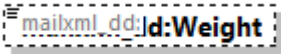
element **manifestScanEventDetailType/OriginalLabel**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s34		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	34	
	whiteSpace	preserve	


element **manifestScanEventDetailType/UnitofMeasureCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:ns01</b>


element **manifestScanEventDetailType/Weight**

diagram	 The diagram shows a dashed box containing the text 'manifestScanEventDetailType/Weight'.
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:ns09</b>

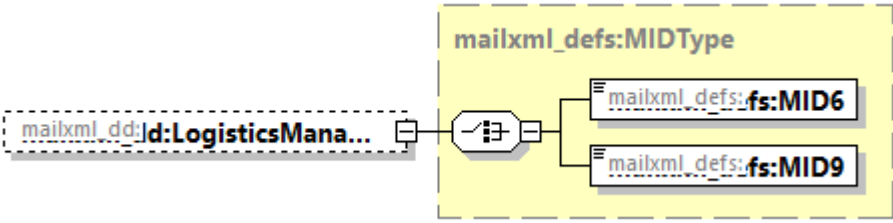
element **manifestScanEventDetailType/GuaranteedDeliveryDate**

diagram	 The diagram shows a dashed box containing the text 'manifestScanEventDetailType/GuaranteedDeliveryDate'.
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>xs:time</b>

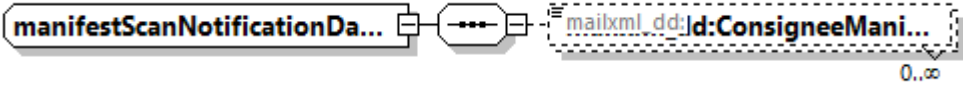
element **manifestScanEventDetailType/GuaranteedDeliveryTime**

diagram	 The diagram shows a dashed box containing the text 'manifestScanEventDetailType/GuaranteedDeliveryTime'.
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>xs:time</b>

element **manifestScanEventDetailType/LogisticsManagerMailerID**

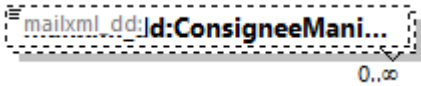
diagram	 The diagram shows a dashed box containing the text 'manifestScanEventDetailType/LogisticsManagerMailerID'. To its right is a yellow box labeled 'mailxml_defs:MIDType' which contains two sub-elements: 'mailxml_defs:fs:MID6' and 'mailxml_defs:fs:MID9'.
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_defs:MIDType</b>
children	<b>mailxml_defs:MID6 mailxml_defs:MID9</b>

complexType **manifestScanNotificationDataType**

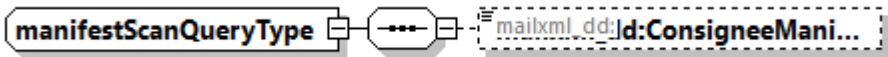
diagram	 The diagram shows a sequence of elements: 'manifestScanNotificationData...', followed by a connector box, and then 'manifestScanNotificationData...'. The last element is enclosed in a dashed box and has a cardinality of '0..∞' below it.
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
children	<a href="#">mailxml_dd:ConsigneeManifestID</a>



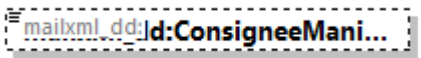
element **manifestScanNotificationDataType/ConsigneeManifestID**

diagram	 The diagram shows a dashed rectangular box containing the text 'mailxml_dd:Id:ConsigneeMani...'. Below the box is the cardinality '0..∞'.
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:ns22</b>

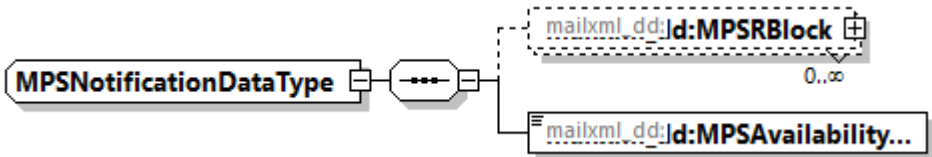
complexType **manifestScanQueryType**

diagram	 The diagram shows a rounded rectangular box labeled 'manifestScanQueryType' connected to a dashed rectangular box containing the text 'mailxml_dd:Id:ConsigneeMani...'. The cardinality '0..∞' is shown below the dashed box.
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
children	<a href="#">mailxml_dd:ConsigneeManifestID</a>

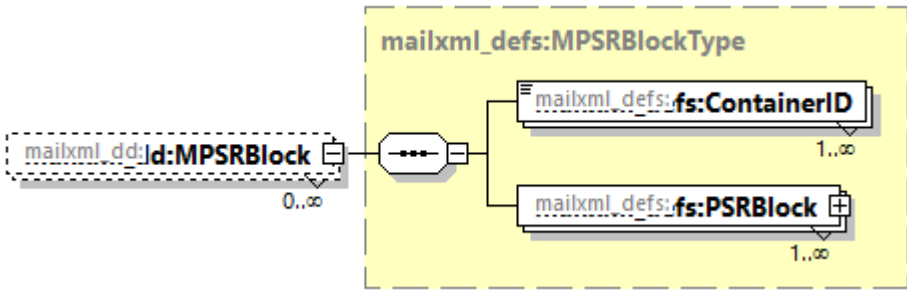
element **manifestScanQueryType/ConsigneeManifestID**

diagram	 The diagram shows a dashed rectangular box containing the text 'mailxml_dd:Id:ConsigneeMani...'. The cardinality '0..∞' is shown below the box.
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:ns22</b>

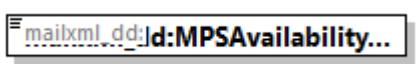
complexType **MPSNotificationDataType**

diagram	 The diagram shows a rounded rectangular box labeled 'MPSNotificationDataType' connected to two dashed rectangular boxes. The top dashed box contains 'mailxml_dd:Id:MPSRBlock' and the bottom dashed box contains 'mailxml_dd:Id:MPSAvailability...'. Both dashed boxes have a cardinality of '0..∞' below them.
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
children	<a href="#">mailxml_dd:MPSRBlock</a> <a href="#">mailxml_dd:MPSAvailabilityDate</a>

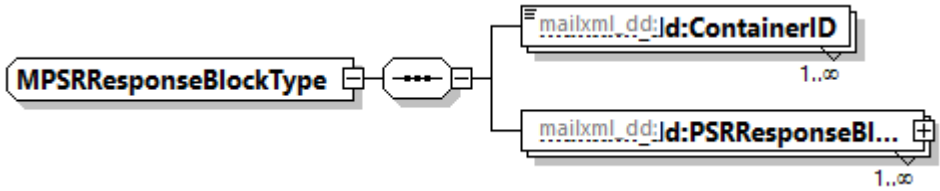
element **MPSNotificationDataType/MPSRBlock**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_defs:MPSRBlockType</b>
children	<b>mailxml_defs:ContainerID mailxml_defs:PSRBlock</b>


element **MPSNotificationDataType/MPSAvailabilityDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>xs:date</b>

complexType **MPSRResponseBlockType**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
children	<a href="#">mailxml_dd:ContainerID</a> <a href="#">mailxml_dd:PSRResponseBlock</a>

element **MPSRResponseBlockType/ContainerID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s06		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	6	

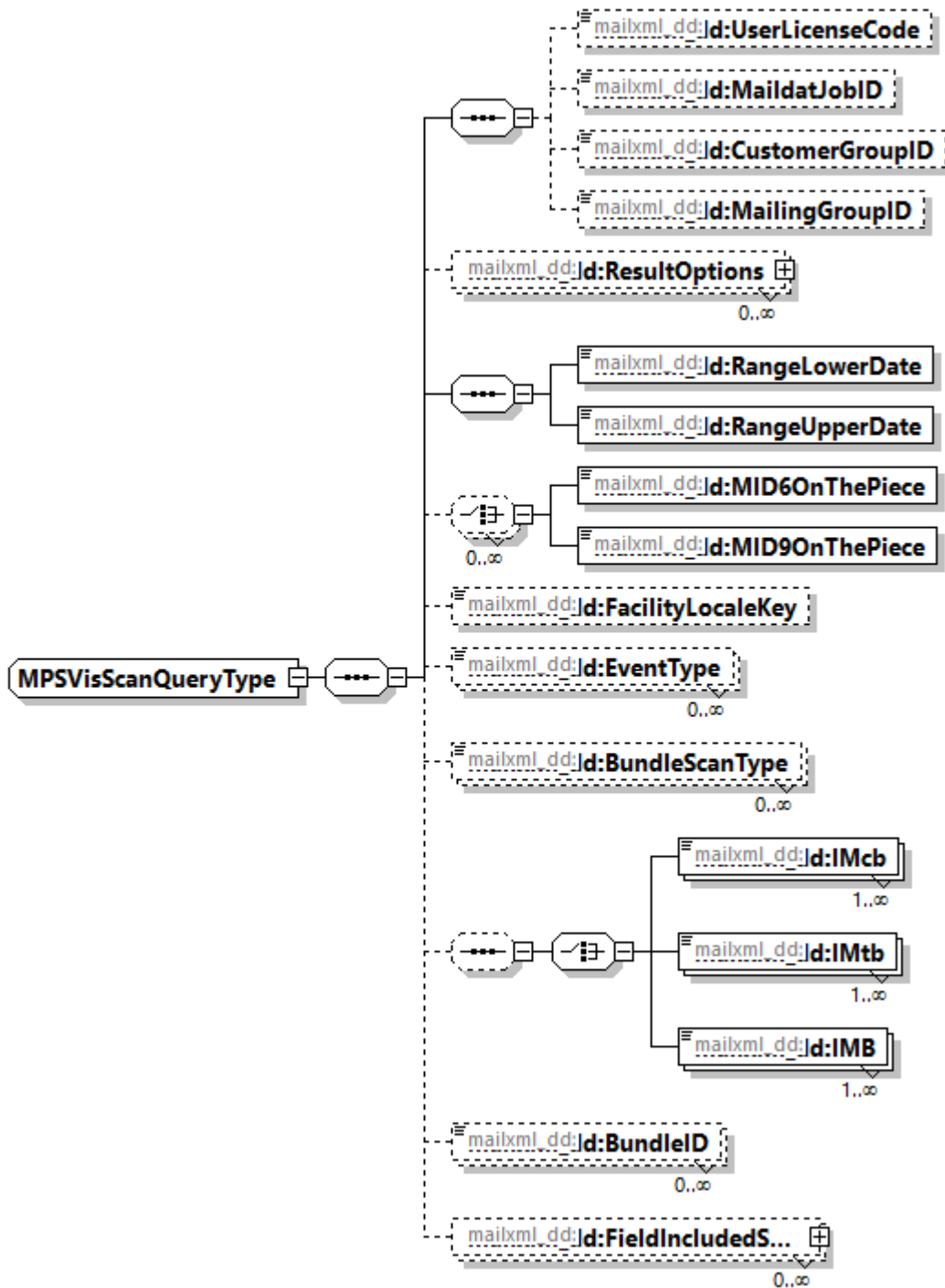
	whiteSpace    preserve
--	------------------------

element **MPSRResponseBlockType/PSRResponseBlock**

diagram	
namespace	<a href="http://idealliance.org/Specs/mailxml23.1/mailxml_dd">http://idealliance.org/Specs/mailxml23.1/mailxml_dd</a>
type	<a href="#"><b>mailxml dd:PSRResponseBlockType</b></a>
children	<a href="#">mailxml dd:PRID</a> <a href="#">mailxml dd:IMBLS</a> <a href="#">mailxml dd:IMBUS</a> <a href="#">mailxml dd:ServiceTypeCode</a> <a href="#">mailxml dd:MailClass</a> <a href="#">mailxml dd:ServiceLevelIndicator</a> <a href="#">mailxml dd:MailpieceScanCount</a>

# complexType **MPSVisScanQueryType**

diagram




namespace [http://idealliance.org/Specs/mailxml23.1/mailxml\\_dd](http://idealliance.org/Specs/mailxml23.1/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](#)

	<a href="#">mailxml_dd:FieldIncludedScanRecFlag</a>
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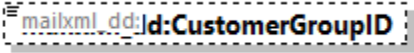
element **MPSVisScanQueryType/UserLicenseCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:userLicenseCodeType</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	

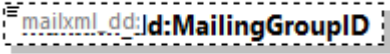
element **MPSVisScanQueryType/MaildatJobID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:jobIDType</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	

element **MPSVisScanQueryType/CustomerGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s25</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	

element **MPSVisScanQueryType/MailingGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>xs:nonNegativeInteger</b>		

element **MPSVisScanQueryType/ResultOptions**

diagram	
namespace	<a href="http://idealliance.org/Specs/mailxml23.1/mailxml_dd">http://idealliance.org/Specs/mailxml23.1/mailxml_dd</a>
type	<b>mailxml_defs:MPSVisResultOptionsType</b>
children	<b>mailxml_defs:IMcb mailxml_defs:IMtb mailxml_defs:IMB mailxml_defs:IMpb</b>

element **MPSVisScanQueryType/RangeLowerDate**

diagram	
namespace	<a href="http://idealliance.org/Specs/mailxml23.1/mailxml_dd">http://idealliance.org/Specs/mailxml23.1/mailxml_dd</a>
type	<b>xs:date</b>

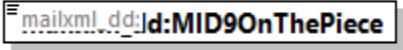
element **MPSVisScanQueryType/RangeUpperDate**

diagram	
namespace	<a href="http://idealliance.org/Specs/mailxml23.1/mailxml_dd">http://idealliance.org/Specs/mailxml23.1/mailxml_dd</a>
type	<b>xs:date</b>

element **MPSVisScanQueryType/MID6OnThePiece**

diagram	
namespace	<a href="http://idealliance.org/Specs/mailxml23.1/mailxml_dd">http://idealliance.org/Specs/mailxml23.1/mailxml_dd</a>
type	<b>mailxml_base:mailerID6Type</b>


element **MPSVisScanQueryType/MID9OnThePiece**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:mailerID9Type</b>

element **MPSVisScanQueryType/FacilityLocaleKey**

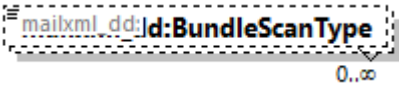
diagram													
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd												
type	<b>mailxml_base:localeKeyType</b>												
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>9</td><td></td></tr><tr><td>whiteSpace</td><td>preserve</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	9		whiteSpace	preserve	
Kind	Value	Annotation											
minLength	1												
maxLength	9												
whiteSpace	preserve												

element **MPSVisScanQueryType/EventType**

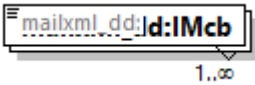
diagram																																																							
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd																																																						
type	<b>mailxml_defs:pieceScanEventTypeType</b>																																																						
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>2</td><td></td></tr><tr><td>enumeration</td><td>3</td><td></td></tr><tr><td>enumeration</td><td>4</td><td></td></tr><tr><td>enumeration</td><td>5</td><td></td></tr><tr><td>enumeration</td><td>6</td><td></td></tr><tr><td>enumeration</td><td>7</td><td></td></tr><tr><td>enumeration</td><td>8</td><td></td></tr><tr><td>enumeration</td><td>9</td><td></td></tr><tr><td>enumeration</td><td>10</td><td></td></tr><tr><td>enumeration</td><td>11</td><td></td></tr><tr><td>enumeration</td><td>12</td><td></td></tr><tr><td>enumeration</td><td>13</td><td></td></tr><tr><td>enumeration</td><td>14</td><td></td></tr><tr><td>enumeration</td><td>15</td><td></td></tr><tr><td>enumeration</td><td>16</td><td></td></tr><tr><td>enumeration</td><td>17</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	5		enumeration	6		enumeration	7		enumeration	8		enumeration	9		enumeration	10		enumeration	11		enumeration	12		enumeration	13		enumeration	14		enumeration	15		enumeration	16		enumeration	17	
Kind	Value	Annotation																																																					
enumeration	1																																																						
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	enumeration	18
	enumeration	19
	enumeration	20


element **MPSVisScanQueryType/BundleScanType**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text 'mailxml_dd:d:BundleScanType' is written. Below the box, the cardinality '0..∞' is indicated.		
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_defs:bundleScanTypeType</b>		
facets	Kind	Value	Annotation
	enumeration	ActualScan	
	enumeration	AssumedScan	
	enumeration	Both	

element **MPSVisScanQueryType/IMcb**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text 'mailxml_dd:d:IMcb' is written. Below the box, the cardinality '1..∞' is indicated.		
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:IMcbType</b>		
facets	Kind	Value	Annotation
	minLength	21	
	maxLength	24	

element **MPSVisScanQueryType/IMtb**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text 'mailxml_dd:d:IMtb' is written. Below the box, the cardinality '1..∞' is indicated.		
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:IMtbType</b>		
facets	Kind	Value	Annotation
	minLength	24	
	maxLength	24	

element **MPSVisScanQueryType/IMB**

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text 'mailxml_dd:d:IMB' is written. Below the box, the cardinality '1..∞' is indicated.		
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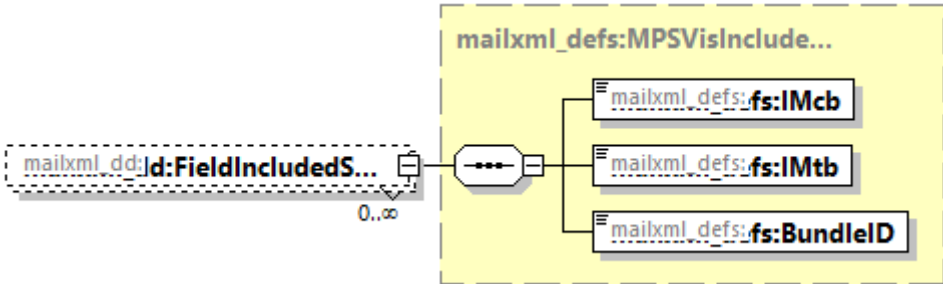


namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:iMBType</b>		
facets	Kind	Value	Annotation
	minLength	20	
	maxLength	34	

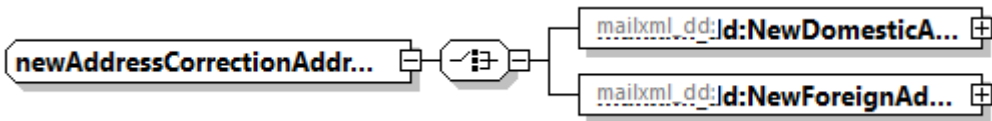
element **MPSVisScanQueryType/BundleID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s06</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	6	
	whiteSpace	preserve	

element **MPSVisScanQueryType/FieldIncludedScanRecFlag**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_defs:MPSVisIncludedInScanRecFlagType</b>		
children	<b>mailxml_defs:IMcb mailxml_defs:IMtb mailxml_defs:BundleID</b>		

complexType **newAddressCorrectionAddressType**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
children	<a href="#">mailxml dd:NewDomesticAddress</a> <a href="#">mailxml dd:NewForeignAddress</a>		
used by	element	<b>AddressCorrection/NewAddress</b>	

element **newAddressCorrectionAddressType/NewDomesticAddress**

diagram	<p>The diagram illustrates the structure of the <b>mailxml_dd:addressCorrectionAddressType/NewDomesticAddress</b> element. It is a sequence of elements: <b>mailxml_dd:NewDomesticAddress</b>, followed by a choice of elements: <b>mailxml_dd:AddressType</b>, <b>mailxml_dd:UrbanizationName</b>, <b>mailxml_dd:PrimaryNumber</b>, <b>mailxml_dd:PreDirectional</b>, <b>mailxml_dd:StreetName</b>, <b>mailxml_dd:StreetSuffix</b>, <b>mailxml_dd:PostDirectional</b>, <b>mailxml_dd:UnitDesignator</b>, <b>mailxml_dd:SecondaryNumber</b>, <b>mailxml_dd:City</b>, <b>mailxml_dd:State</b>, and a choice of elements: <b>mailxml_dd:ZipCode</b>, <b>mailxml_dd:ZipCodePlus4</b>, and <b>mailxml_dd:DeliveryPoint11DigitZip</b>.</p>
namespace	<a href="http://idealliance.org/Specs/mailxml23.1/mailxml_dd">http://idealliance.org/Specs/mailxml23.1/mailxml_dd</a>
type	<a href="#">mailxml_dd:addressCorrectionAddressType</a>
children	<a href="#">mailxml_dd:AddressType</a> <a href="#">mailxml_dd:UrbanizationName</a> <a href="#">mailxml_dd:PrimaryNumber</a> <a href="#">mailxml_dd:PreDirectional</a> <a href="#">mailxml_dd:StreetName</a> <a href="#">mailxml_dd:StreetSuffix</a> <a href="#">mailxml_dd:PostDirectional</a> <a href="#">mailxml_dd:UnitDesignator</a> <a href="#">mailxml_dd:SecondaryNumber</a> <a href="#">mailxml_dd:City</a> <a href="#">mailxml_dd:State</a> <a href="#">mailxml_dd:ZipCode</a> <a href="#">mailxml_dd:ZipCodePlus4</a> <a href="#">mailxml_dd:DeliveryPoint11DigitZip</a>

element **newAddressCorrectionAddressType/NewForeignAddress**

diagram	<pre> graph LR     A[mailxml_dd:d:NewForeignAd...] --- B((...))     B --- C[mailxml_dd:d:AddressLine1]     B --- D[mailxml_dd:d:AddressLine2]     B --- E[mailxml_dd:d:AddressLine3]     B --- F[mailxml_dd:d:City]     B --- G[mailxml_dd:d:CountryCo...]     B --- H[mailxml_dd:d:Province]     B --- I[mailxml_dd:d:PostalorZipCode]     B --- J[mailxml_dd:d:CountryNa...]         </pre>
namespace	<a href="http://idealliance.org/Specs/mailxml23.1/mailxml_dd">http://idealliance.org/Specs/mailxml23.1/mailxml_dd</a>
type	<a href="#">mailxml dd:foreignAddressType</a>
children	<a href="#">mailxml dd:AddressLine1</a> <a href="#">mailxml dd:AddressLine2</a> <a href="#">mailxml dd:AddressLine3</a> <a href="#">mailxml dd:City</a> <a href="#">mailxml dd:CountryCode</a> <a href="#">mailxml dd:Province</a> <a href="#">mailxml dd:PostalorZipCode</a> <a href="#">mailxml dd:CountryName</a>

complexType **nonComplianceDataWithPostageOwedReportType**

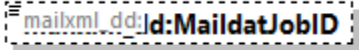
diagram		
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd	
children	<a href="#">mailxml dd:UserLicenseCode</a> <a href="#">mailxml dd:MaildatJobID</a> <a href="#">mailxml dd:CustomerGroupID</a> <a href="#">mailxml dd:MailingGroupID</a> <a href="#">mailxml dd:eDocSenderCRID</a> <a href="#">mailxml dd:TotalFSPieces</a> <a href="#">mailxml dd:TotalNonFSPieces</a> <a href="#">mailxml dd:TotalAffectedPieces</a> <a href="#">mailxml dd:PercentageFullServicePiecesAffected</a> <a href="#">mailxml dd:EligibilityForPostalOneInvoicing</a> <a href="#">mailxml dd:TotalDiscountAssessment</a> <a href="#">mailxml dd:MailClass</a> <a href="#">mailxml dd:DiscountFinalized</a> <a href="#">mailxml dd:MailingIDDetail</a>	
used by	elements	<b>NonComplianceDataWithPostageOwedReportQueryResponse/QueryResults/NonComplianceDataWithPostageOwedReport</b> <b>NonComplianceDataWithPostageOwedReportDelivery/NonComplianceDataWithPostageOwedReport</b>

element **nonComplianceDataWithPostageOwedReportType/UserLicenseCode**

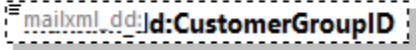
diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd

type	<b>mailxml_base:userLicenseCodeType</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	4	
	whiteSpace	preserve	

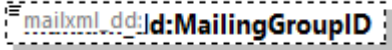
element **nonComplianceDataWithPostageOwedReportType/MaildatJobID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:jobIDType</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	8	
	whiteSpace	preserve	


element **nonComplianceDataWithPostageOwedReportType/CustomerGroupID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s25</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	25	
	whiteSpace	preserve	

element **nonComplianceDataWithPostageOwedReportType/MailingGroupID**


diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>xs:nonNegativeInteger</b>		

element **nonComplianceDataWithPostageOwedReportType/eDocSenderCRID**


diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:CRIDType</b>		

facets	Kind	Value	Annotation
	minLength	1	
	maxLength	15	


element **nonComplianceDataWithPostageOwedReportType/TotalFSPieces**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>xs:nonNegativeInteger</b>

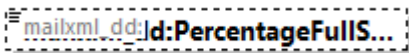
element **nonComplianceDataWithPostageOwedReportType/TotalNonFSPieces**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>xs:nonNegativeInteger</b>

element **nonComplianceDataWithPostageOwedReportType/TotalAffectedPieces**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>xs:nonNegativeInteger</b>

element **nonComplianceDataWithPostageOwedReportType/PercentageFullServicePiecesAffected**


diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>xs:double</b>

element **nonComplianceDataWithPostageOwedReportType/EligibilityForPostalOneInvoicing**


diagram							
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd						
type	<b>mailxml_base:yesNo</b>						
facets	<table><tr><td>Kind</td><td>Value</td><td>Annotation</td></tr><tr><td>enumeration</td><td>Yes</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	Yes	
Kind	Value	Annotation					
enumeration	Yes						

	enumeration	No
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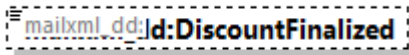
element **nonComplianceDataWithPostageOwedReportType/TotalDiscountAssessment**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>xs:double</b>

element **nonComplianceDataWithPostageOwedReportType/MailClass**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:mailClassType		
facets	Kind	Value	Annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	6	

element **nonComplianceDataWithPostageOwedReportType/DiscountFinalized**

diagram										
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd									
type	<b>mailxml_base:yesNo</b>									
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>Yes</td><td></td></tr><tr><td>enumeration</td><td>No</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	Yes		enumeration	No	
Kind	Value	Annotation								
enumeration	Yes									
enumeration	No									


element **nonComplianceDataWithPostageOwedReportType/MailingIDDetail**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
children	<a href="#">mailxml dd:ContainerID</a> <a href="#">mailxml dd:ContainerType</a> <a href="#">mailxml dd:SiblingRefContainerID</a> <a href="#">mailxml dd:ParentContainerID</a> <a href="#">mailxml dd:IMcb</a> <a href="#">mailxml dd:IMtb</a> <a href="#">mailxml dd:VerificationErrorType</a> <a href="#">mailxml dd:TotalAffectedPieceCnt</a> <a href="#">mailxml dd:VerificationError</a>

element **nonComplianceDataWithPostageOwedReportType/MailingIDDetail/ContainerID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s06		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	6	
	whiteSpace	preserve	

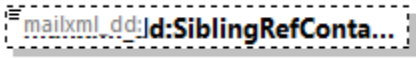
element **nonComplianceDataWithPostageOwedReportType/MailingIDDetail/ContainerType**

diagram							
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd						
type	<b>mailxml_base:mailXMLContainerType</b>						
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>1</td><td></td></tr></tbody></table>	Kind	Value	Annotation	enumeration	1	
Kind	Value	Annotation					
enumeration	1						



	enumeration 2
	enumeration 3
	enumeration 4
	enumeration 5
	enumeration 6
	enumeration 7
	enumeration 8
	enumeration 9
	enumeration 10
	enumeration 11
	enumeration 12
	enumeration 13
	enumeration 14
	enumeration E
	enumeration F
	enumeration L
	enumeration O
	enumeration P
	enumeration S
	enumeration T
	enumeration V
	enumeration B
	enumeration U
	enumeration Z
	enumeration X
	enumeration H
	enumeration A
	enumeration G
	enumeration D
	enumeration R
	enumeration C
	enumeration CT
	enumeration M
	enumeration AB
	enumeration Y

element **nonComplianceDataWithPostageOwedReportType/MailingIDDetail/SiblingRefContainerID**

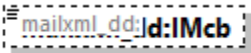
diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s06</b>		
facets	Kind	Value	Annotation
	minLength	1	

	maxLength 6
	whiteSpace preserve

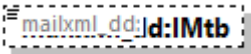
element **nonComplianceDataWithPostageOwedReportType/MailingIDDetail/ParentContainerID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s06</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	6	
	whiteSpace	preserve	


element **nonComplianceDataWithPostageOwedReportType/MailingIDDetail/IMcb**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:IMcbType</b>		
facets	Kind	Value	Annotation
	minLength	21	
	maxLength	24	

element **nonComplianceDataWithPostageOwedReportType/MailingIDDetail/IMtb**


diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:IMtbType</b>		
facets	Kind	Value	Annotation
	minLength	24	
	maxLength	24	

element **nonComplianceDataWithPostageOwedReportType/MailingIDDetail/VerificationErrorType**

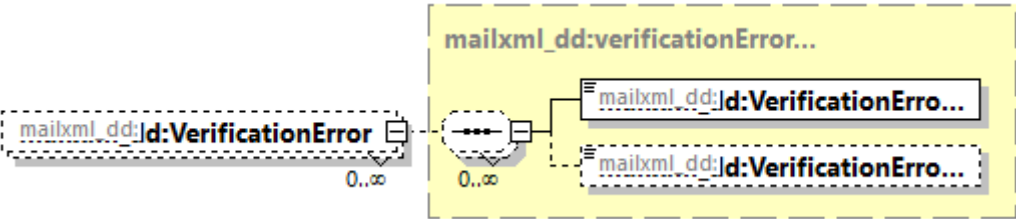
diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<a href="#">mailxml_dd:verificationErrorTypeType</a>		
facets	Kind	Value	Annotation

	enumeration	CSAVerification
	enumeration	ContainerBarcodeVerification
	enumeration	HandlingUnitBarcodeVerification
	enumeration	PieceBarcodeVerification
	enumeration	ByForConflictVerification
	enumeration	ServiceTypeVerification
	enumeration	AppointmentVerification
	enumeration	MailerIDVerification
	enumeration	DeliveryPointVerification
	enumeration	ServicePerformanceVerification
	enumeration	EntryFacilityVerification
	enumeration	DefaultTrayBarcodeError
	enumeration	AllErrors
	enumeration	NoErrors

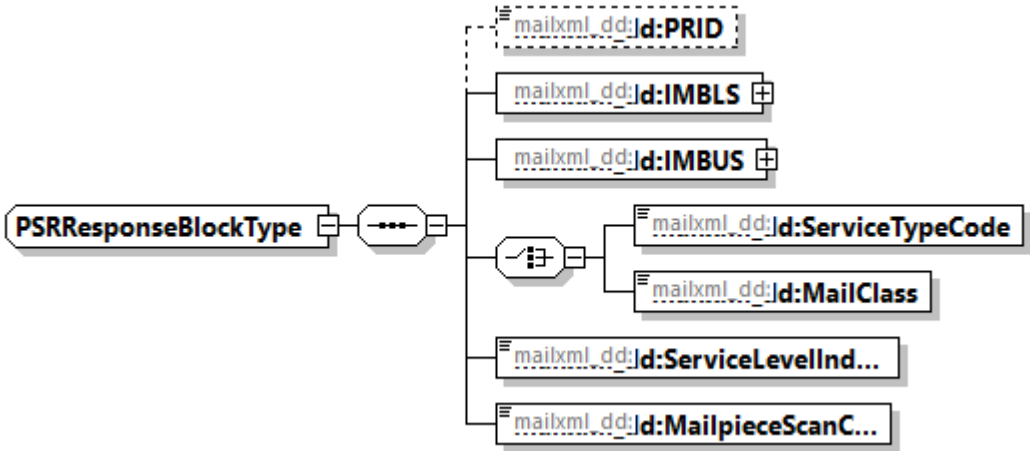
element **nonComplianceDataWithPostageOwedReportType/MailingIDDetail/TotalAffectedPieceCnt**

diagram	 A diagram showing a dashed box containing the text 'mailxml_dd:d:TotalAffectedPi...'.
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>xs:nonNegativeInteger</b>

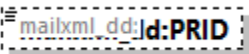
element **nonComplianceDataWithPostageOwedReportType/MailingIDDetail/VerificationError**

diagram	 A diagram showing a dashed box containing the text 'mailxml_dd:d:VerificationError' with a cardinality of '0..∞'. This box is connected to a larger yellow box labeled 'mailxml_dd:verificationError...'. Inside the yellow box, there are two smaller boxes, each containing the text 'mailxml_dd:d:VerificationErro...' and a cardinality of '0..∞'.
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<a href="#">mailxml dd:verificationErrorType</a>
children	<a href="#">mailxml dd:VerificationErrorCode</a> <a href="#">mailxml dd:VerificationErrorDescription</a>

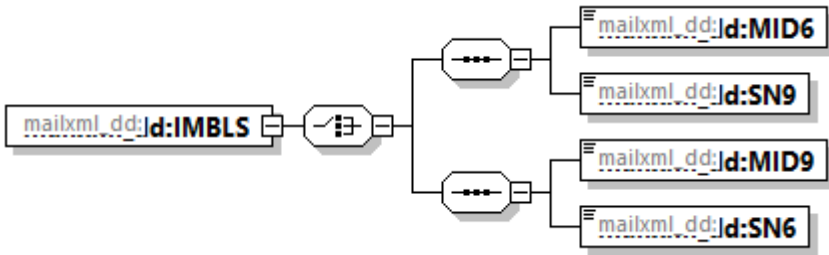
# complexType **PSRResponseBlockType**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
children	<a href="#">mailxml_dd:PRID</a> <a href="#">mailxml_dd:IMBLS</a> <a href="#">mailxml_dd:IMBUS</a> <a href="#">mailxml_dd:ServiceTypeCode</a> <a href="#">mailxml_dd:MailClass</a> <a href="#">mailxml_dd:ServiceLevelIndicator</a> <a href="#">mailxml_dd:MailpieceScanCount</a>
used by	element <a href="#">MPSRResponseBlockType/PSRResponseBlock</a>


## element **PSRResponseBlockType/PRID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s22		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	22	
	whiteSpace	preserve	

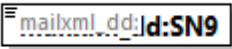
## element **PSRResponseBlockType/IMBLS**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
children	<a href="#">mailxml_dd:MID6</a> <a href="#">mailxml_dd:SN9</a> <a href="#">mailxml_dd:MID9</a> <a href="#">mailxml_dd:SN6</a>

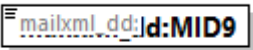
element **PSRResponseBlockType/IMBLS/MID6**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:mailerID6Type</b>

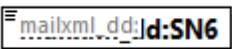
element **PSRResponseBlockType/IMBLS/SN9**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:iMBSerialNumber9Type</b>

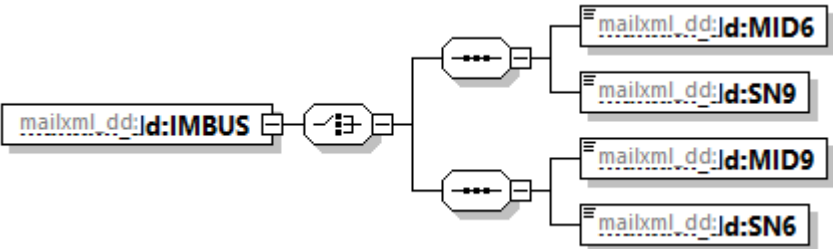
element **PSRResponseBlockType/IMBLS/MID9**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:mailerID9Type</b>


element **PSRResponseBlockType/IMBLS/SN6**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:iMBSerialNumber6Type</b>


element **PSRResponseBlockType/IMBUS**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
children	<a href="#">mailxml_dd:MID6</a> <a href="#">mailxml_dd:SN9</a> <a href="#">mailxml_dd:MID9</a> <a href="#">mailxml_dd:SN6</a>


element **PSRResponseBlockType/IMBUS/MID6**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:mailerID6Type</b>

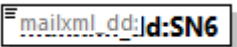
element **PSRResponseBlockType/IMBUS/SN9**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:IMBSerialNumber9Type</b>


element **PSRResponseBlockType/IMBUS/MID9**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:mailerID9Type</b>


element **PSRResponseBlockType/IMBUS/SN6**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:IMBSerialNumber6Type</b>


element **PSRResponseBlockType/ServiceTypeCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:ServiceTypeCodeType</b>


element **PSRResponseBlockType/MailClass**

diagram																			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd																		
type	<b>mailxml_base:mailClassType</b>																		
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>enumeration</td><td>1</td><td></td></tr><tr><td>enumeration</td><td>2</td><td></td></tr><tr><td>enumeration</td><td>3</td><td></td></tr><tr><td>enumeration</td><td>4</td><td></td></tr><tr><td>enumeration</td><td>6</td><td></td></tr></table>	Kind	Value	Annotation	enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	6	
Kind	Value	Annotation																	
enumeration	1																		
enumeration	2																		
enumeration	3																		
enumeration	4																		
enumeration	6																		

element **PSRResponseBlockType/ServiceLevelIndicator**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:serviceLevelIndicatorType		
facets	Kind	Value	Annotation
	enumeration	F	
	enumeration	B	
	enumeration	P	
	enumeration	O	

element **PSRResponseBlockType/MailpieceScanCount**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>xs:nonNegativeInteger</b>

complexType **unManifestedScanEventDetailType**

diagram	
namespace	<a href="http://idealliance.org/Specs/mailxml23.1/mailxml_dd">http://idealliance.org/Specs/mailxml23.1/mailxml_dd</a>
children	<a href="#">mailxml_dd:USPSEventExtractFileVersionNumber</a> <a href="#">mailxml_dd:IMpb</a> <a href="#">mailxml_dd:ElectronicFileNumber</a> <a href="#">mailxml_dd:MailerID</a> <a href="#">mailxml_dd:MailerName</a>




	<a href="#">mailxml dd:DestinationZipCode</a> <a href="#">mailxml dd:DestinationZipPlusFour</a> <a href="#">mailxml dd:ScanningFacilityZip</a> <a href="#">mailxml dd:ScanningFacilityName</a> <a href="#">mailxml dd:EventCode</a> <a href="#">mailxml dd:EventName</a> <a href="#">mailxml dd:EventDate</a> <a href="#">mailxml dd:EventTime</a> <a href="#">mailxml dd:MailerOwnerID</a> <a href="#">mailxml dd:CustomerReferenceID</a> <a href="#">mailxml dd:DestinationCountryCode</a> <a href="#">mailxml dd:RecipientName</a> <a href="#">mailxml dd:OriginalLabel</a> <a href="#">mailxml dd:UnitofMeasureCode</a> <a href="#">mailxml dd:Weight</a> <a href="#">mailxml dd:GuaranteedDeliveryDate</a> <a href="#">mailxml dd:GuaranteedDeliveryTime</a> <a href="#">mailxml dd:LogisticsManagerMailerID</a>
--	---

element **unManifestedScanEventDetailType/USPSEventExtractFileVersionNumber**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s03</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	3	
	whiteSpace	preserve	

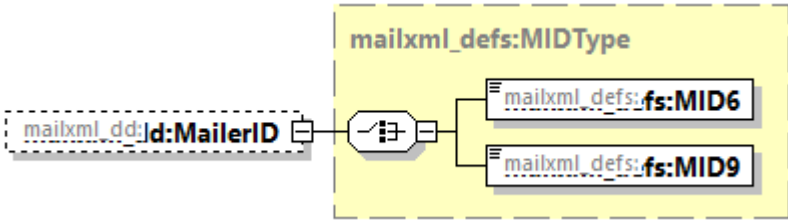
element **unManifestedScanEventDetailType/IMpb**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:IMpbType</b>		
facets	Kind	Value	Annotation
	minLength	21	
	maxLength	34	

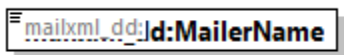
element **unManifestedScanEventDetailType/ElectronicFileNumber**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	<b>mailxml_base:s34</b>		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	34	
	whiteSpace	preserve	


element **unManifestedScanEventDetailType/MailerID**

diagram	 The diagram shows the MailerID element as a dashed box containing the text 'mailxml_dd:d:MailerID'. This box is connected to a central node, which is then connected to a yellow box labeled 'mailxml_defs:MIDType'. Inside this yellow box, there are two smaller boxes labeled 'mailxml_defs:fs:MID6' and 'mailxml_defs:fs:MID9'.
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_defs:MIDType</b>
children	<b>mailxml_defs:MID6 mailxml_defs:MID9</b>

element **unManifestedScanEventDetailType/MailerName**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s20		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	20	
	whiteSpace	preserve	

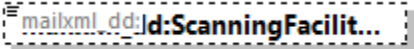
element **unManifestedScanEventDetailType/DestinationZipCode**

diagram	 The diagram shows the DestinationZipCode element as a dashed box containing the text 'mailxml_dd:d:DestinationZip...'.
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_defs:zipCode</b>

element **unManifestedScanEventDetailType/DestinationZipPlusFour**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s09		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	9	
	whiteSpace	preserve	

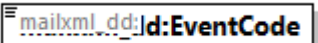
element **unManifestedScanEventDetailType/ScanningFacilityZip**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_defs:zipCode</b>


element **unManifestedScanEventDetailType/ScanningFacilityName**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s31		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	31	
	whiteSpace	preserve	


element **unManifestedScanEventDetailType/EventCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s02		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	2	
	whiteSpace	preserve	

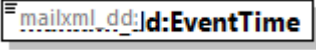
element **unManifestedScanEventDetailType/EventName**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s40		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	40	
	whiteSpace	preserve	

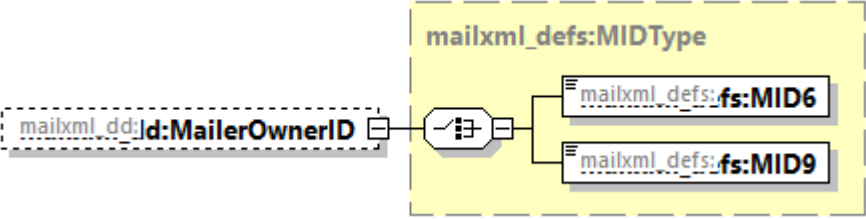
element **unManifestedScanEventDetailType/EventDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>xs:date</b>

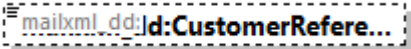
element **unManifestedScanEventDetailType/EventTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>xs:time</b>

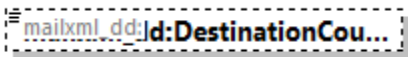
element **unManifestedScanEventDetailType/MailerOwnerID**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_defs:MIDType</b>
children	<b>mailxml_defs:MID6 mailxml_defs:MID9</b>

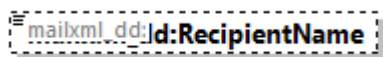
element **unManifestedScanEventDetailType/CustomerReferenceID**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s40		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	40	
	whiteSpace	preserve	

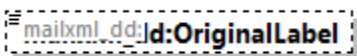
element **unManifestedScanEventDetailType/DestinationCountryCode**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s02		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	2	
	whiteSpace	preserve	


element **unManifestedScanEventDetailType/RecipientName**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s20		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	20	
	whiteSpace	preserve	

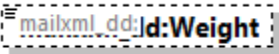
element **unManifestedScanEventDetailType/OriginalLabel**

diagram			
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	mailxml_base:s34		
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	34	
	whiteSpace	preserve	


element **unManifestedScanEventDetailType/UnitofMeasureCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:ns01</b>


element **unManifestedScanEventDetailType/Weight**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:ns09</b>

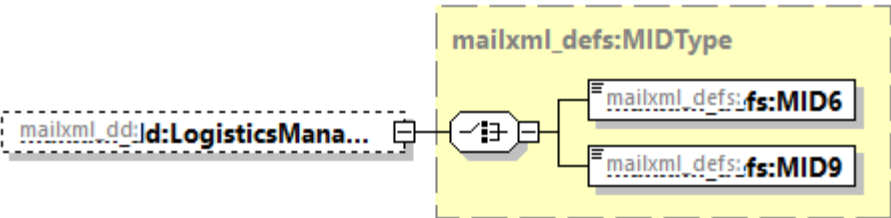
element **unManifestedScanEventDetailType/GuaranteedDeliveryDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>xs:time</b>

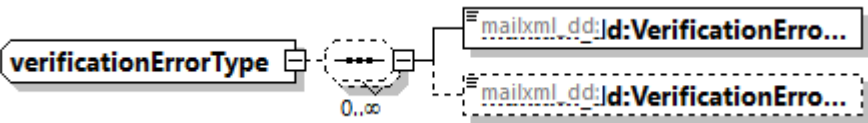
element **unManifestedScanEventDetailType/GuaranteedDeliveryTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>xs:time</b>

element **unManifestedScanEventDetailType/LogisticsManagerMailerID**


diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_defs:MIDType</b>
children	<b>mailxml_defs:MID6 mailxml_defs:MID9</b>

complexType **verificationErrorType**

diagram	
namespac	http://idealliance.org/Specs/mailxml23.1/mailxml_dd

e	
children	<a href="#">mailxml dd:VerificationErrorCode</a> <a href="#">mailxml dd:VerificationErrorDescription</a>
used by	<div> <div>element</div> <div>s</div> <div> <a href="#">dqrContainerInfoType/VerificationError</a>  <a href="#">dqrContainerInfoType/PieceInfo/VerificationError</a>  <a href="#">dqrContainerInfoType/PieceRangeInfo/VerificationError</a>  <a href="#">nonComplianceDataWithPostageOwedReportType/MailingIDDetail/VerificationError</a> </div> </div>

#### element **verificationErrorType/VerificationErrorCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	<b>mailxml_base:ns04</b>

#### element **verificationErrorType/VerificationErrorDescription**

diagram													
namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd												
type	<b>mailxml_base:s260</b>												
facets	<table><tr><th>Kind</th><th>Value</th><th>Annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>260</td><td></td></tr><tr><td>whiteSpace</td><td>preserve</td><td></td></tr></table>	Kind	Value	Annotation	minLength	1		maxLength	260		whiteSpace	preserve	
Kind	Value	Annotation											
minLength	1												
maxLength	260												
whiteSpace	preserve												

#### simpleType **addressCorrectionMoveType**

namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	restriction of <b>xs:string</b>		
used by	element	<b>AddressCorrection/MoveType</b>	
facets	Kind	Value	Annotation
	enumeration	F	
	enumeration	I	
	enumeration	B	

#### simpleType **addressTypeType**

namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd
type	restriction of <b>xs:string</b>
used by	<div> <div>element</div> <div><a href="#">addressCorrectionAddressType/AddressType</a></div> </div>

facets	Kind	Value	Annotation
	enumeration	F	
	enumeration	G	
	enumeration	H	
	enumeration	P	
	enumeration	R	
	enumeration	S	
	enumeration	U	
	enumeration	V	
	enumeration	X	

#### simpleType **containerScanStateType**

namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	restriction of <b>xs:string</b>		
facets	Kind	Value	Annotation
	enumeration	Electronic Information Received	
	enumeration	Entered at USPS	
	enumeration	Enroute Depart	
	enumeration	Enroute	
	enumeration	Enroute Arrive	
	enumeration	All Scan States	
annotation	documentation Scan data for Container Scan States		

#### simpleType **deliverabilityCodeType**

namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	restriction of <b>xs:string</b>		
used by	element	<b>AddressCorrection/DeliverabilityCodeType</b>	
facets	Kind	Value	Annotation
	enumeration	K	
	enumeration	G	
	enumeration	W	

#### simpleType **eDocTypeType**

namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	restriction of <b>xs:string</b>		
facets	Kind	Value	Annotation
	enumeration	101	
	enumeration	102	
	enumeration	103	
	enumeration	104	



	enumeration	105
	enumeration	106
	enumeration	107
	enumeration	108
	enumeration	109
	enumeration	110

#### simpleType **primarySecondaryIndicatorType**

namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	restriction of <b>xs:string</b>		
used by	element	<b>DeliveryPointValidation/PrimarySecondaryIndicator</b>	
facets	Kind	Value	Annotation
	enumeration	P	
	enumeration	S	

#### simpleType **verificationErrorTypeType**

namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	restriction of <b>xs:string</b>		
used by	elements	<b>DataQualityVerificationReportDelivery/VerificationErrorType</b> <b>DataQualityVerificationReportNotification/VerificationErrorType</b> <b>DataQualityVerificationReportQueryRequest/VerificationErrorType</b> <b>DataQualityVerificationReportQueryResponse/QueryResults/VerificationErrorType</b> <b>NonComplianceDataWithPostageOwedQueryRequest/VerificationErrorType</b> <a href="#">nonComplianceDataWithPostageOwedReportType/MailingIDDetail/VerificationErrorType</a>	
facets	Kind	Value	Annotation
	enumeration	CSAVerification	
	enumeration	ContainerBarcodeVerification	
	enumeration	HandlingUnitBarcodeVerification	
	enumeration	PieceBarcodeVerification	
	enumeration	ByForConflictVerification	
	enumeration	ServiceTypeVerification	
	enumeration	AppointmentVerification	
	enumeration	MailerIDVerification	
	enumeration	DeliveryPointVerification	
	enumeration	ServicePerformanceVerification	
	enumeration	EntryFacilityVerification	
	enumeration	DefaultTrayBarcodeError	
	enumeration	AllErrors	
	enumeration	NoErrors	

# simpleType **verificationWarningType**

namespace	http://idealliance.org/Specs/mailxml23.1/mailxml_dd		
type	restriction of <b>xs:string</b>		
used by	elements	<b>DataQualityVerificationReportDelivery/VerificationWarningType</b> <b>DataQualityVerificationReportNotification/VerificationWarningType</b> <b>DataQualityVerificationReportQueryRequest/VerificationWarningType</b> <b>DataQualityVerificationReportQueryResponse/QueryResults/VerificationWarningType</b>	
facets	Kind	Value	Annotation
	enumeration	CSAVerification	
	enumeration	ContainerBarcodeVerification	
	enumeration	HandlingUnitBarcodeVerification	
	enumeration	PieceBarcodeVerification	
	enumeration	ByForConflictVerification	
	enumeration	ServiceTypeVerification	
	enumeration	AppointmentVerification	
	enumeration	MailerIDVerification	
	enumeration	DeliveryPointVerification	
	enumeration	ServicePerformanceVerification	
	enumeration	EntryFacilityVerification	
	enumeration	DefaultTrayBarcodeError	
	enumeration	AllWarnings	
	enumeration	NoWarnings	